Indian Ports Association (IPA)

Implementation of Port EBS Project

Enterprise Business System

Business Process Manual for Asset Accounting Transactions

Submitted by:

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SAP User Manual for Asset Accounting

This document is a desk reference tailored to the Finance Specialists. It is intended to provide information that will be helpful to support the finance processes.

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Document History:

Authors & Participants	
Role	Name

Revision History			
Date	Document Version	Document Revision Description	Author
21.10.2020	1.0	Initial Draft	Anand N

Reviewed and Approved By			
Name	Title	Date	Approved

Introduction:

The purpose of the document is to give awareness of the complete cycle of how the Asset Accounting procedures handled in S4H (SAP) to the respective users.

SAP User Manual for Asset Accounting

Summary:

In this chapter, we are going to learn about how asset accounting transactions will be handled in SAP system. Asset full life cycle management is covered in this business process manual document.

Its starts right from asset procurement, asset transfer, asset sales, and asset scrap up to depreciation run.

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Abbreviation	*Description*
AA	Asset Accounting
APC	Acquisition and Production Costs
AUC	Asset Under Construction
BPO	Business Process Owner
BS	Balance Sheet
CO	Controlling
COA	Chart of Accounts
COD	Chart of Depreciation
CWIP	Capital Work in Progress
FI	Finance
G/L	General Ledger
JV	Journal Voucher
Pstky	Posting Key
SAP	Systems, Applications, and Products in Data Processing
TTY	Transaction Type
	Save
	Overview
	Copy
	Back / Previous Menu
	Header
	Details
	Execute

Company Code List Data:

A company code represents an independent legal accounting entity in FI. Balance sheet and Profit & Loss Statements required by Law will be created at the Company code level.

- Company code is a central entity in financial accounting. It is also the highest entity in Logistics.

The following Company codes are created for All Port Trusts.

Company Code	Description
1000	Mumbai Port Trust

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1060	Mumbai Port Trust Pension Fund Trust
1070	Mumbai Port Trust Gratuity Fund Trust
1100	Chennai Port Trust
1160	Chennai Port Trust Pension Fund Trust
1170	Chennai Port Trust Gratuity Fund Trust
1180	Chennai Port Trust General Provident Fund
1200	Deendayal Port Trust (Kandla)
1250	Deendayal Port Trust (Vadinar)
1260	Deendayal Port Superannuation Scheme
1270	Deendayal Port Gratuity Fund
1280	Deendayal Port Provident Fund
1295	Deendayal Welfare Trust
1400	Kolkata Dock System
1450	Haldia Dock Complex
1460	KopT Employee Superannuation Fund
1470	KopT Employee Gratuity Fund
1480	Kolkata Non-Contributory Fund
1490	Kolkata Contributory Provident Fund
1500	Paradip Port Trust
1560	Paradip Port Trust Pension & Gratuity Fund
1580	Paradip Port Trust Provident Fund

1. Asset Purchase through FI:

The below transaction code which we can use for asset procurement in FI module Transaction code (F-90 - With Vendor)

Step 1: Enter Transaction code F-90 in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Posting Acquisition→ External Acquisition → F-90(With Vendor)

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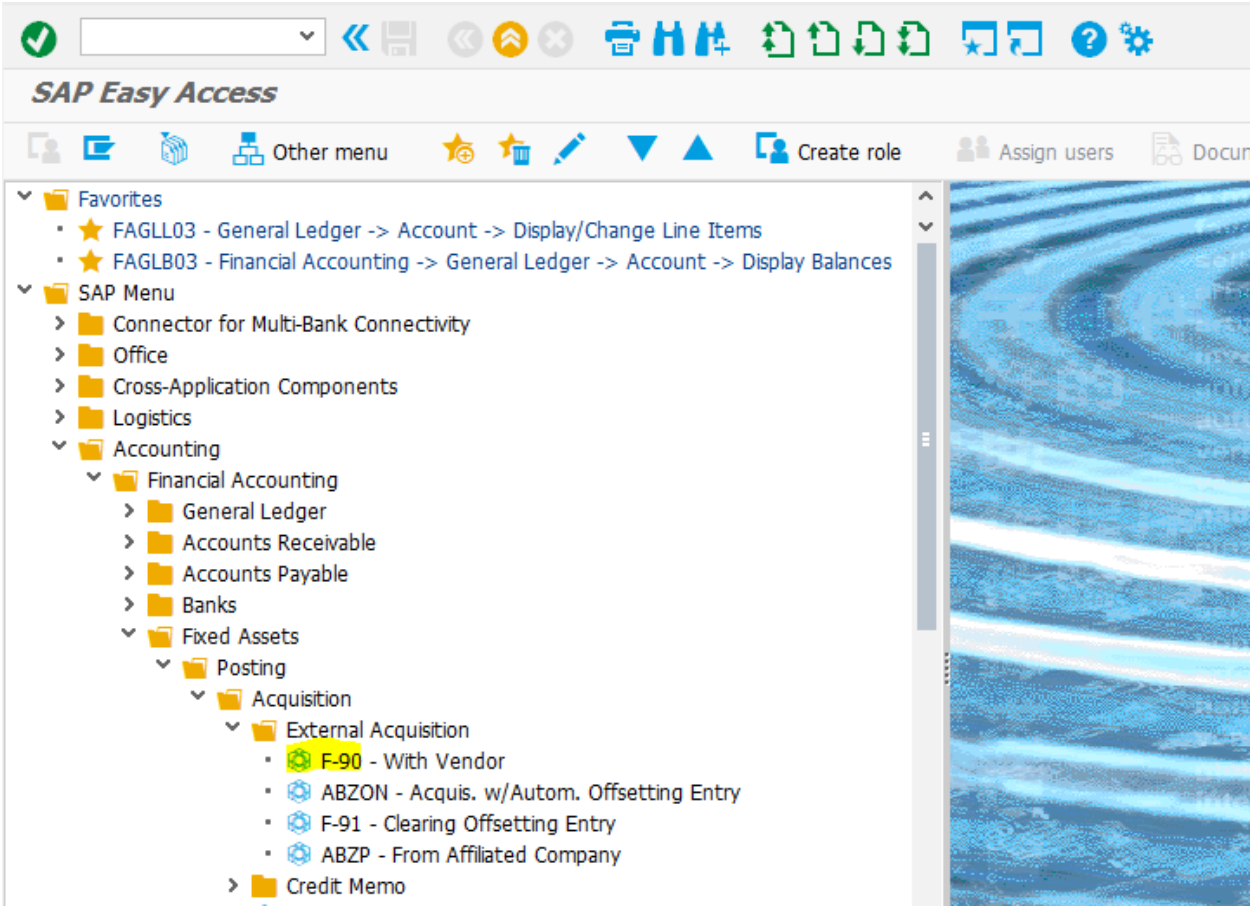

Step 2: Double click on "F-90" the system will open the below screen
In the next screen, enter the required details as below

Company code details can be selected from **Company code list data**

Below are the fields for Header Level:

Document Date, Posting Date, Company Code, Currency, Reference, and Doc.Header Text etc.....

Below are the fields for Line Item Level:

Posting Key

Asset Account (Asset Number)

Transaction Type (Mandatory for Asset line item) Vendor Account

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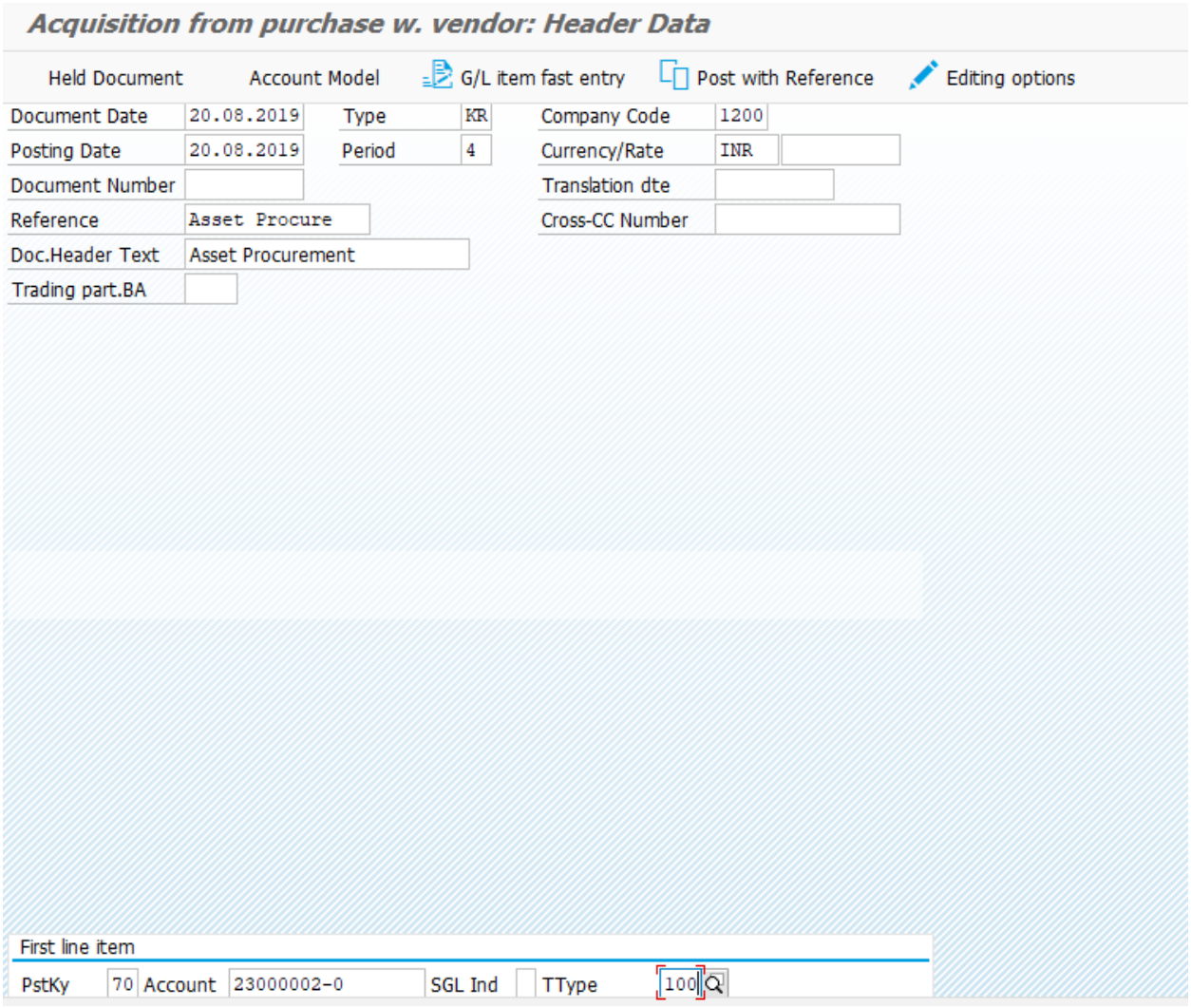
Amount Business Place

Section Code (Mandatory if TDS is applicable) Tax Code (Mandatory if TAX is applicable) Assignment

Text (As per the below Screen)



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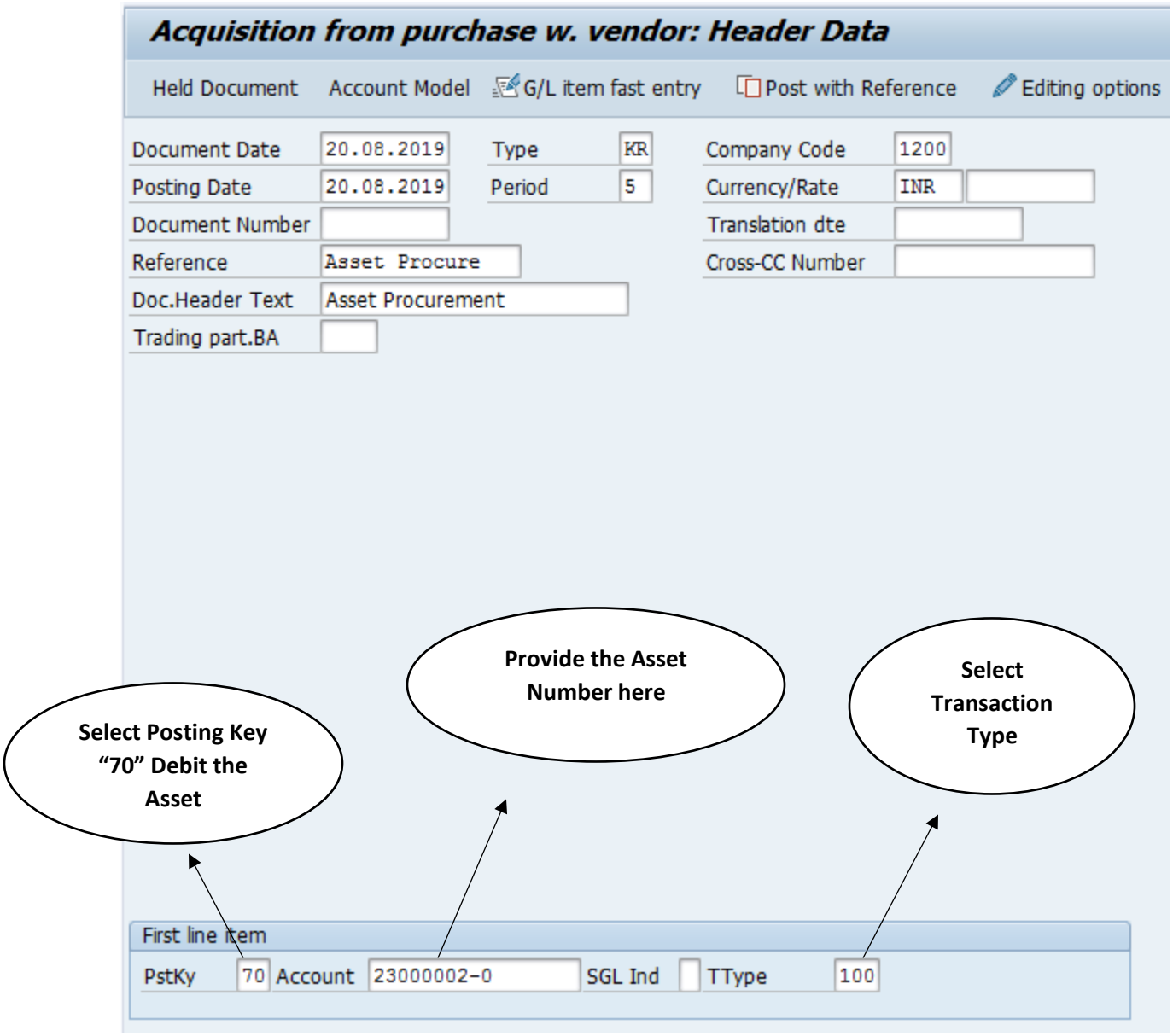

Step 3: Provide the values as shown above and press enter

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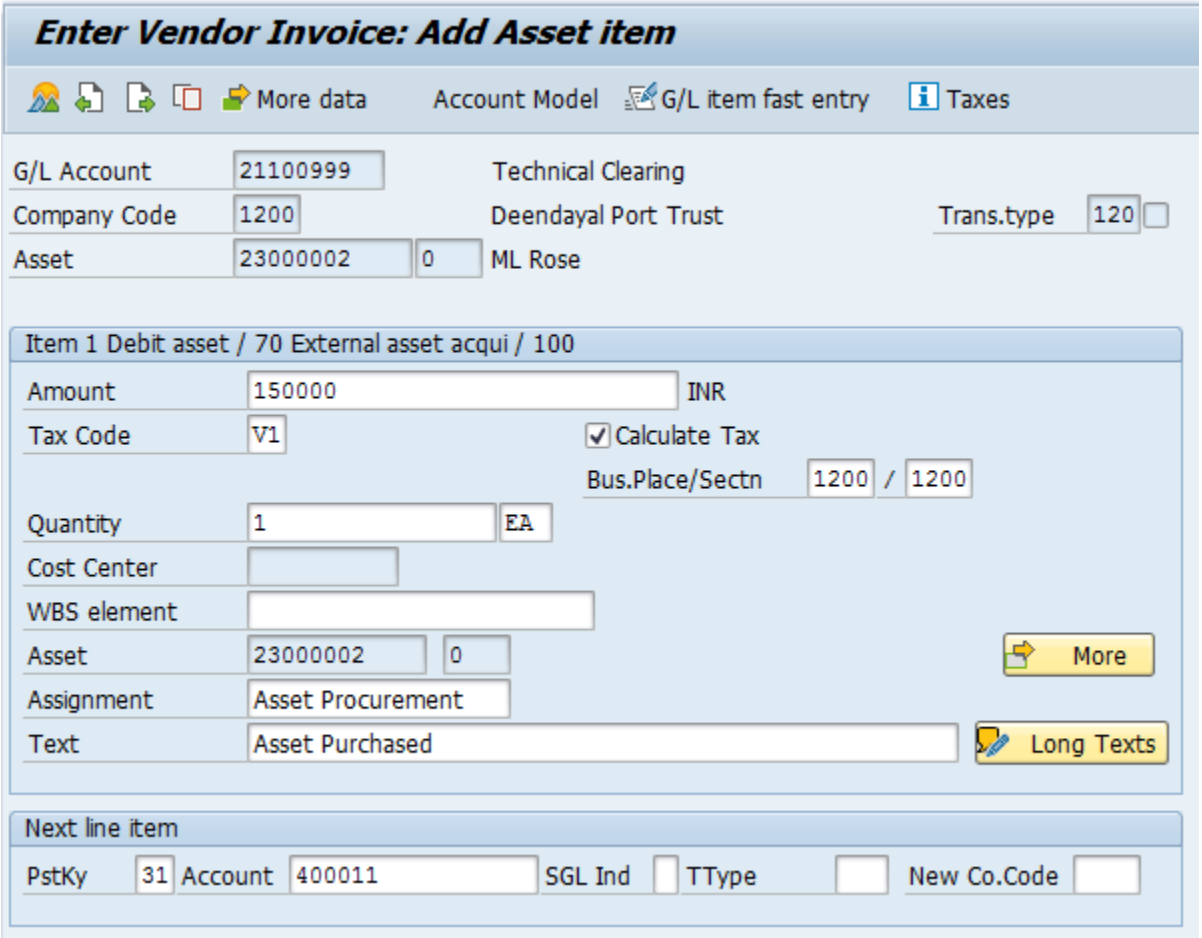

Step 4: Provide the values as shown above and press enter

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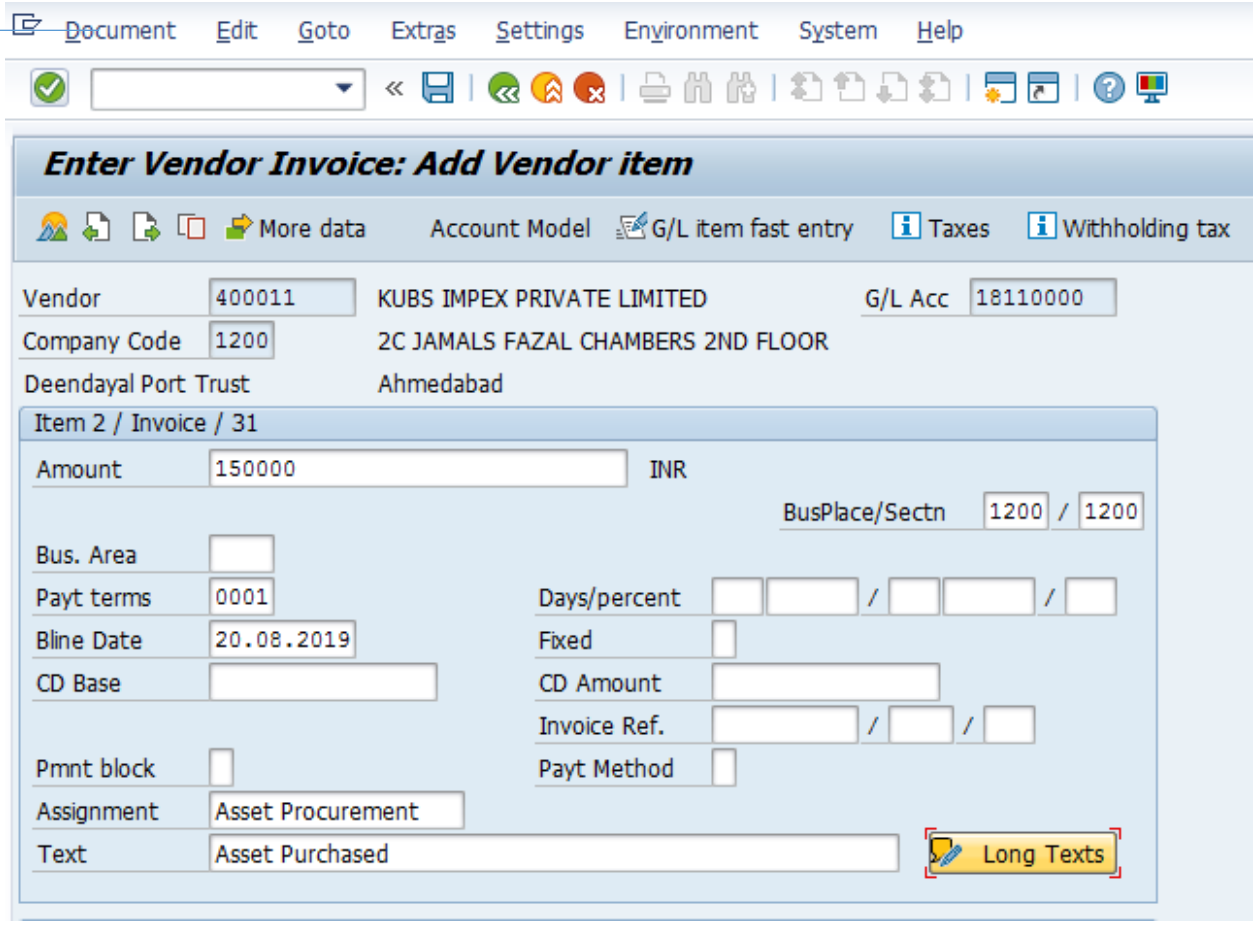

Step 5: Provide the values as shown above and go to menu bar and click on “Document” and click on “Simulate”

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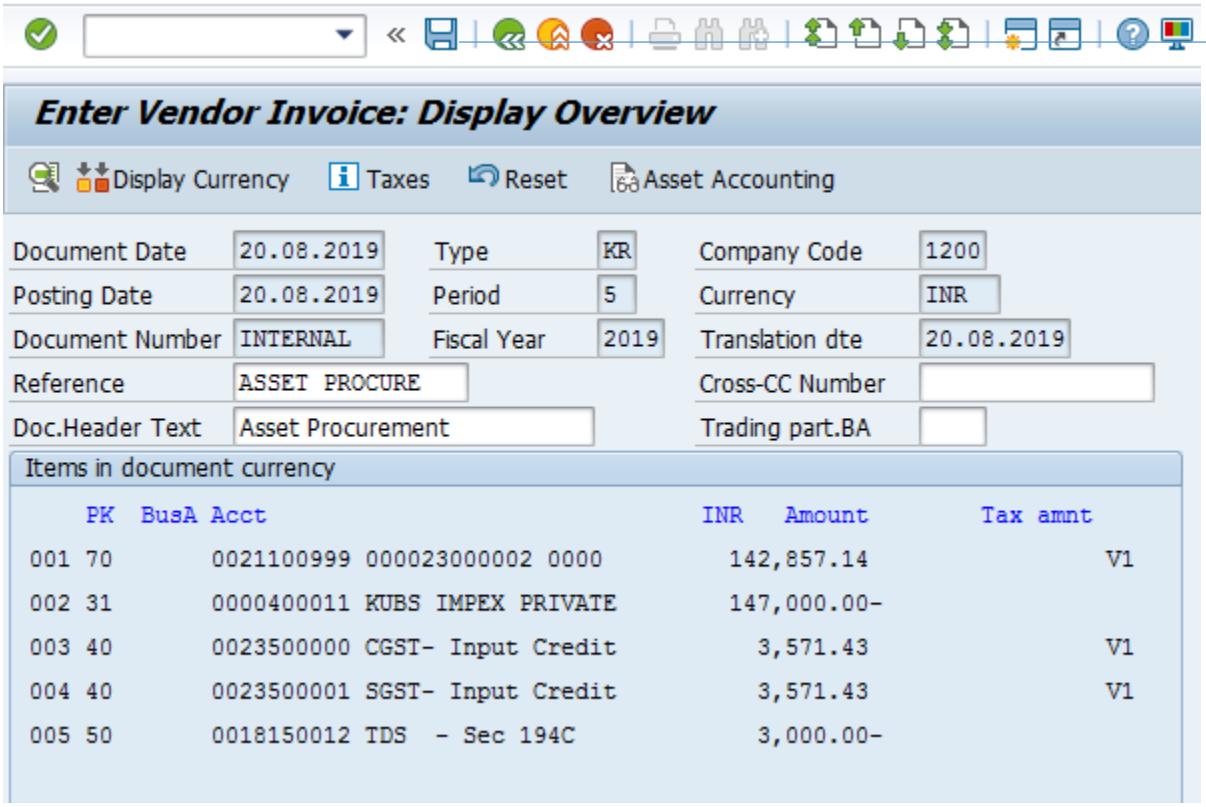
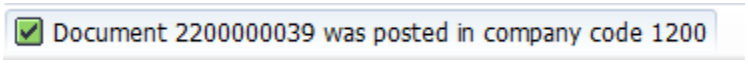


Step 6: Check and verify the line items and post the document. To post click on "**Post**". Once the document is posted the system will propose the below message.



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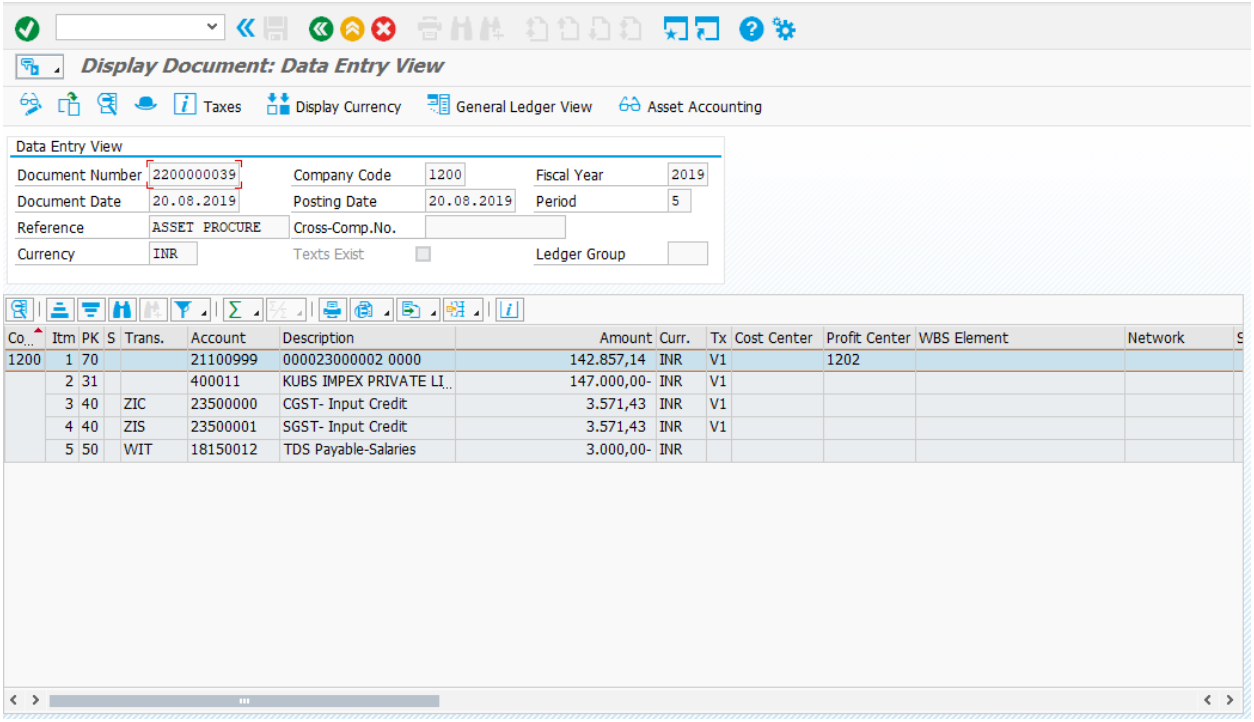

Display of posted document:

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Posting →Edit Document → Display Document (AB03)

AB03 – Display (Asset):

Step 1: Enter Transaction code AB03 in command bar (or) Follow the below navigation path

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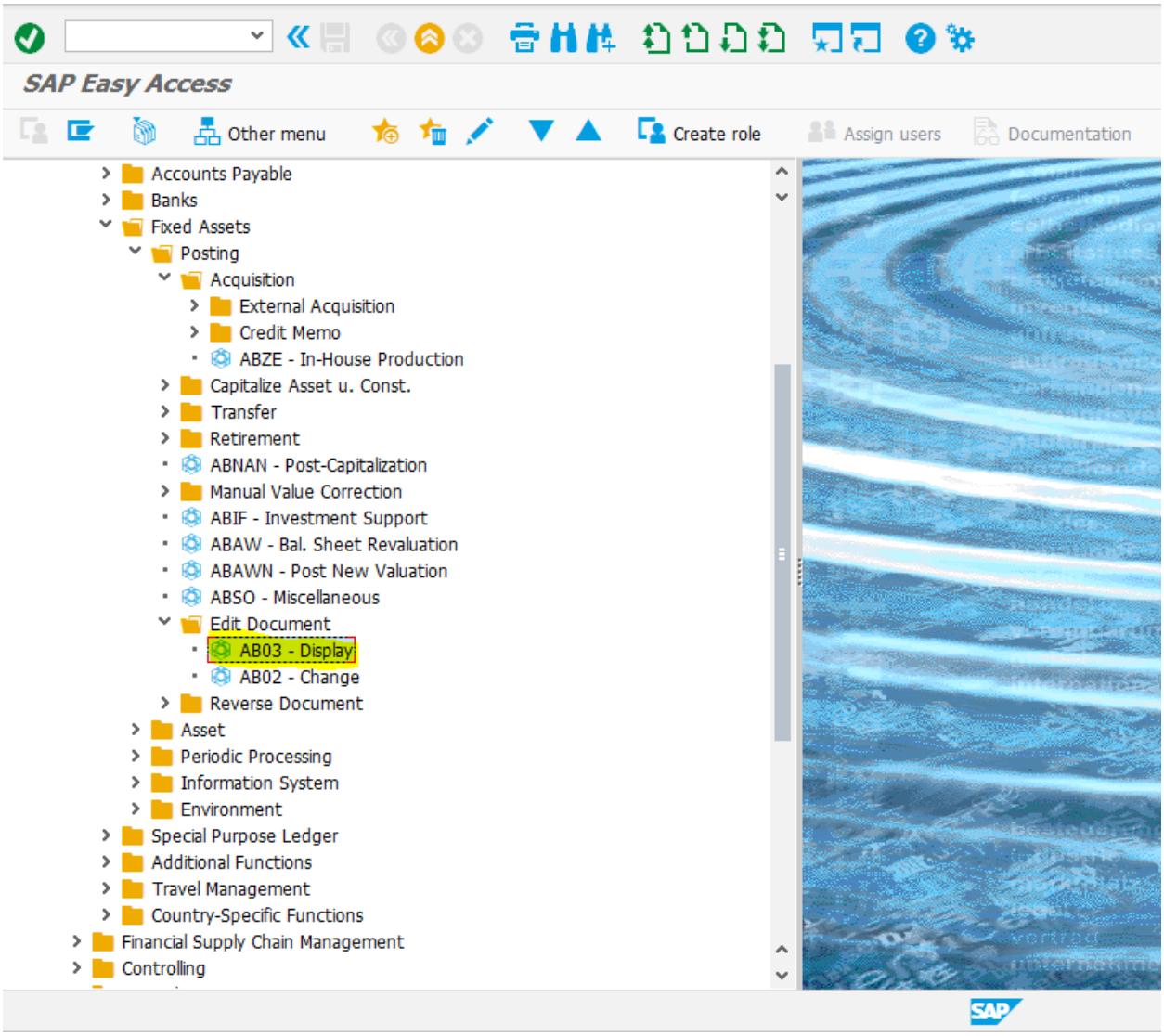

Step 2: Double click on "AB03" the system will open the below screen

In the next screen enter the required details as below Company code

Asset Number

Sub-Number

Fiscal Year

Company code details can be selected from **Company code list data**

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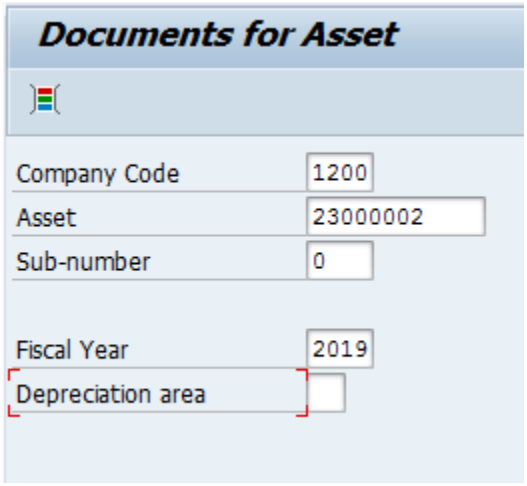
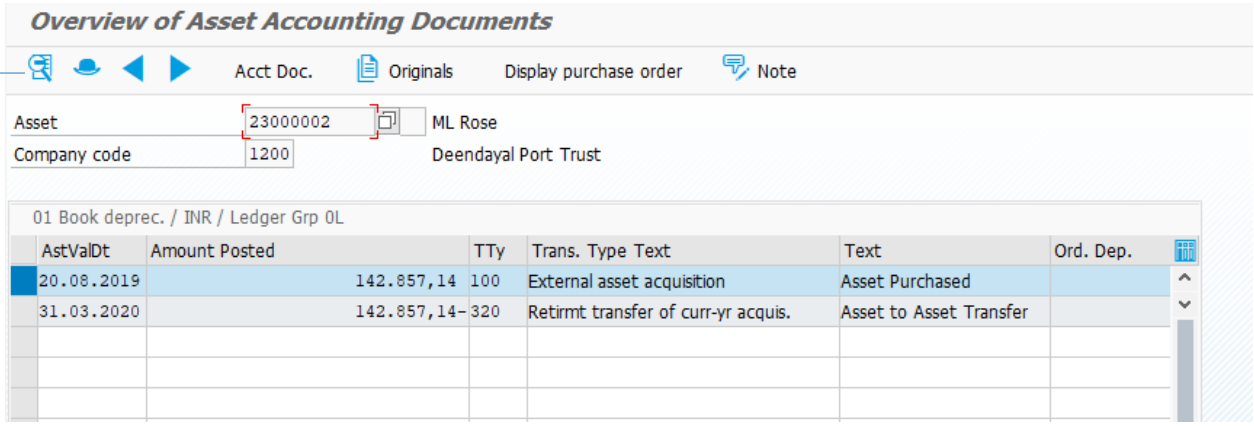


Step 3: Provide the values as shown above and press enter



Step 4: Click on “Detail”

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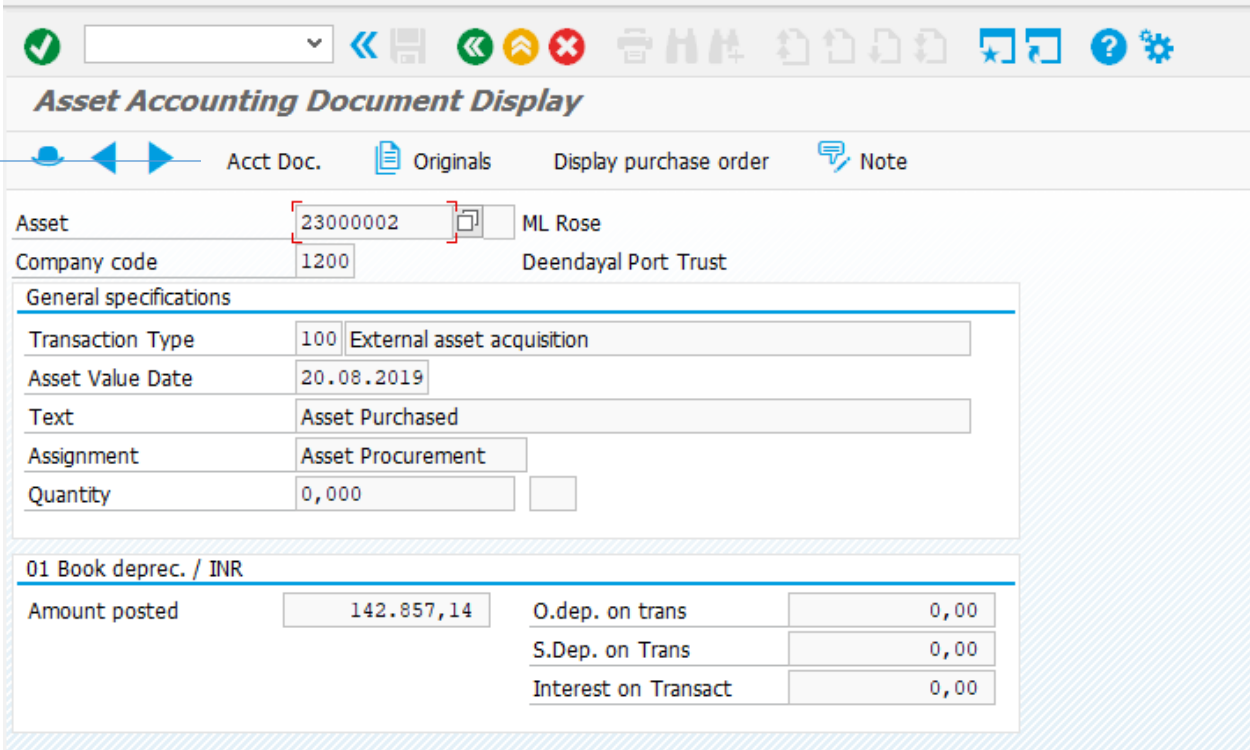
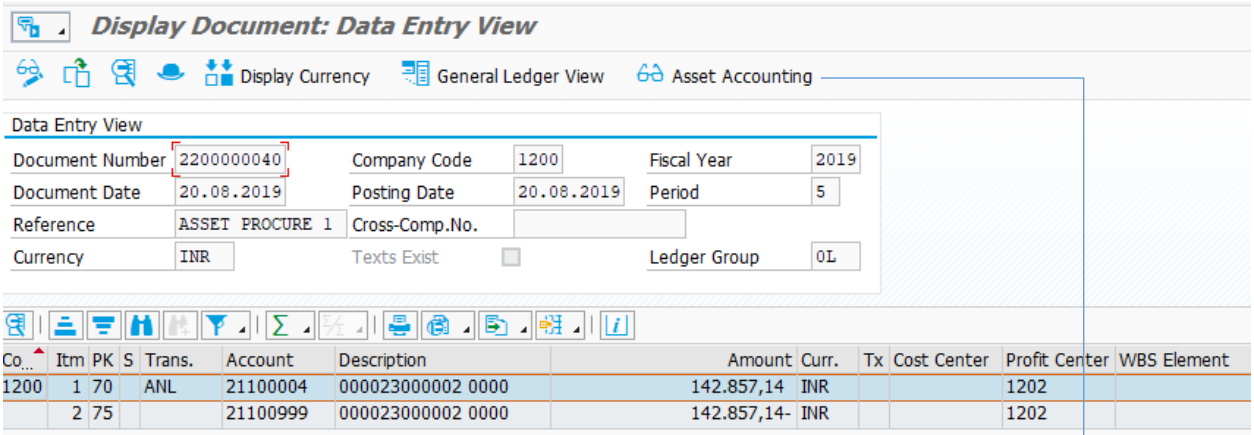


Step 5: Click on **"Accounting Document"**



Step 6: Click on **"Asset Accounting"**

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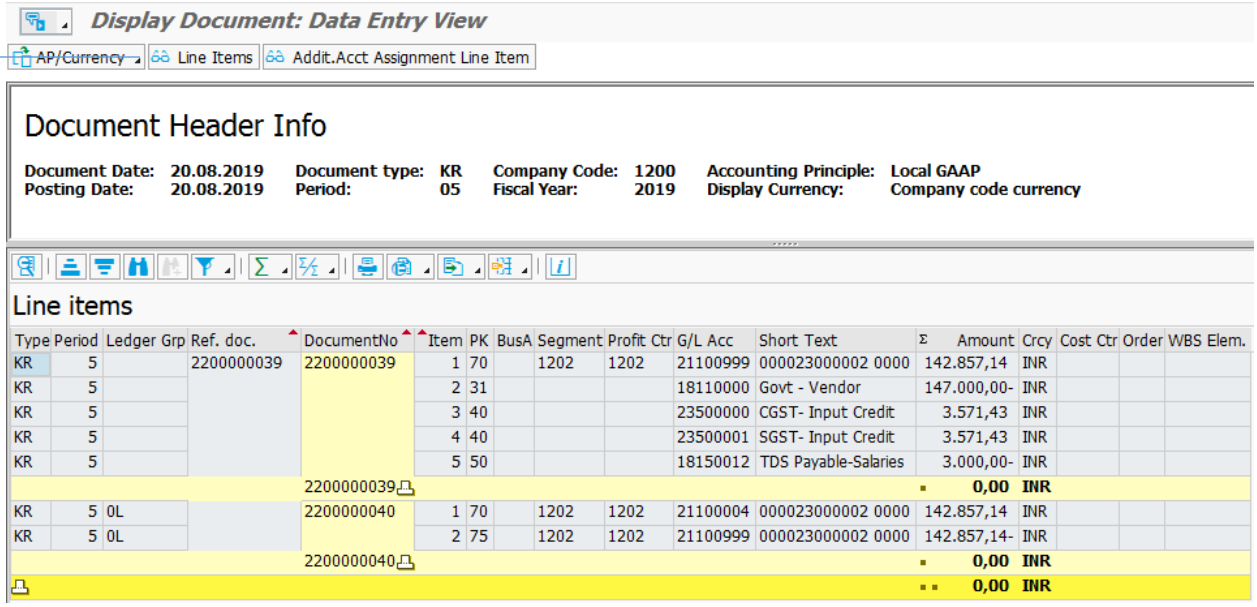
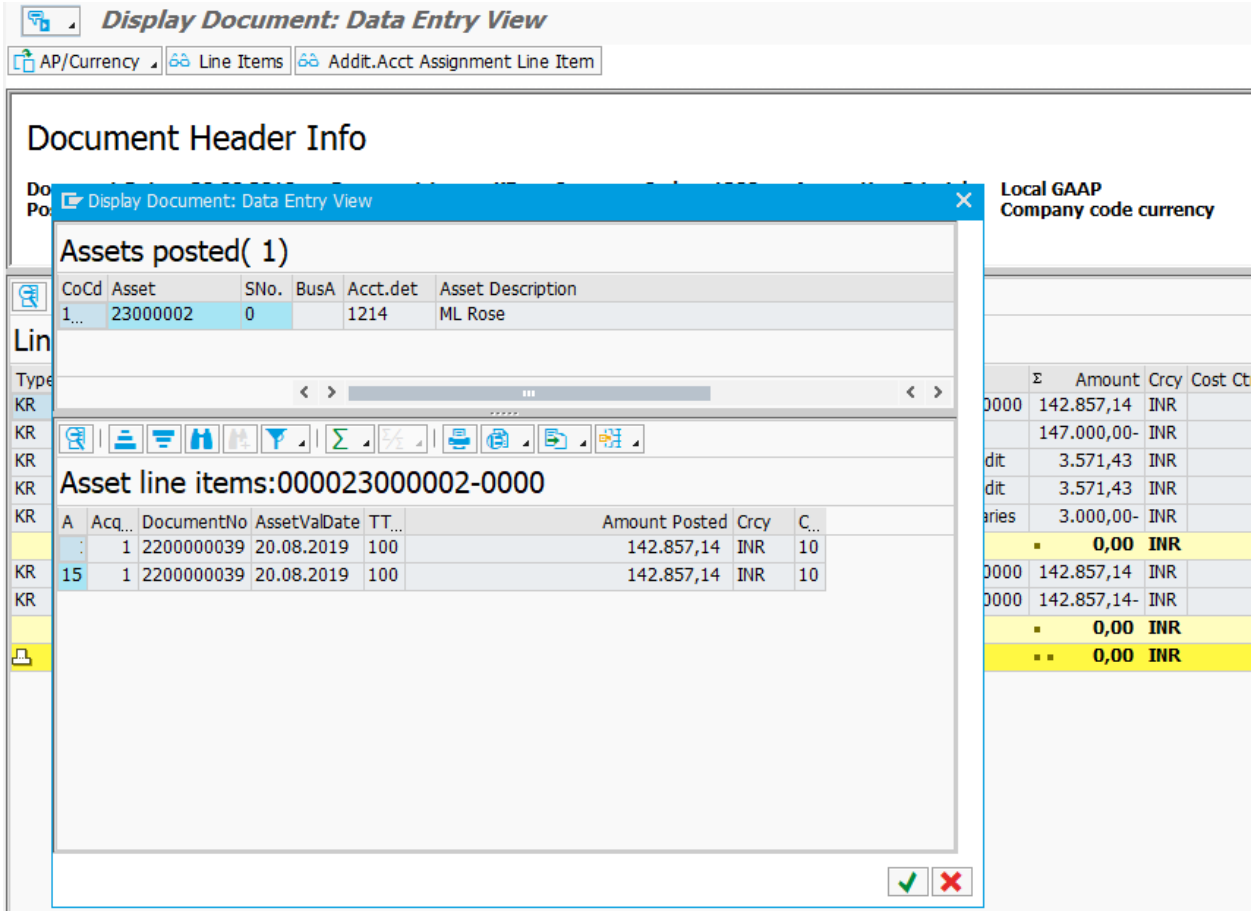


Step 7: Click on **"Line Items"**



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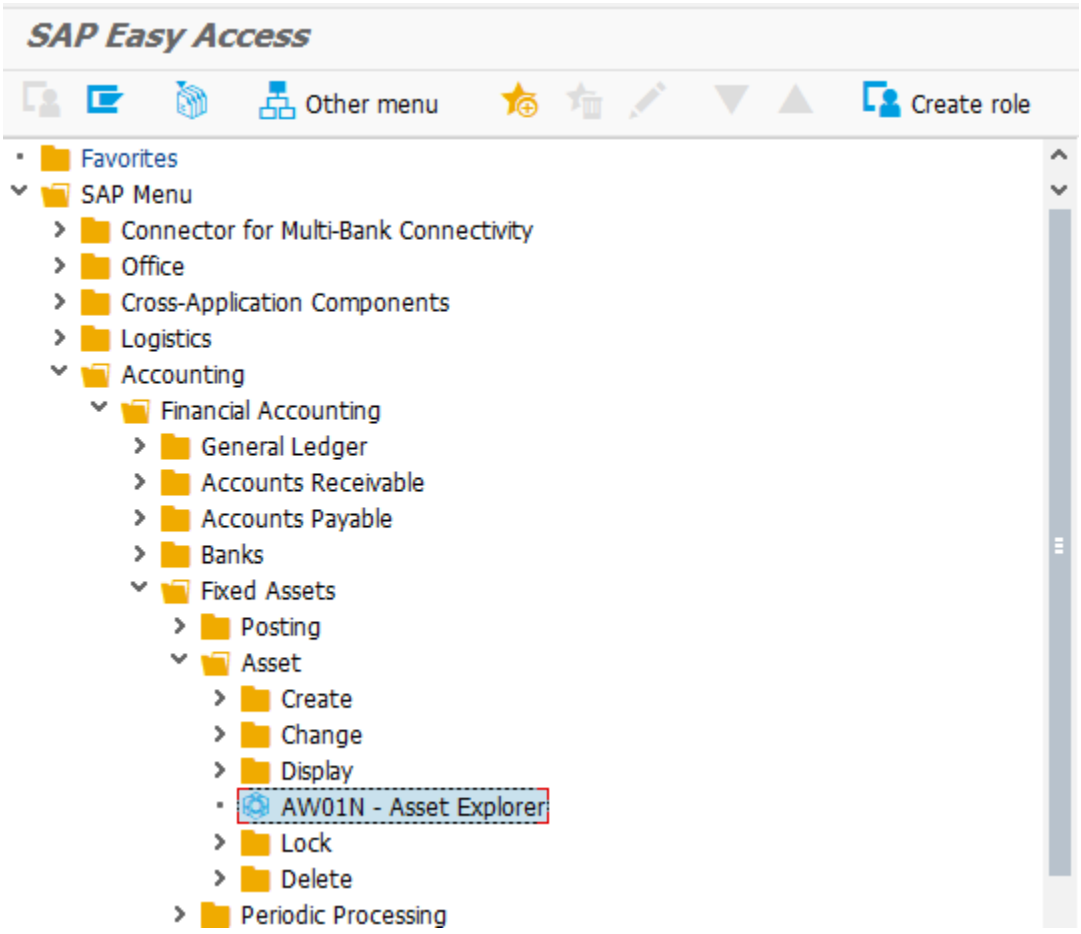
AW01N – Asset Explorer (To view the asset details):

Step 1: Enter Transaction code AW01N in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Asset Explorer (AW01N)



Step 2: Double click on "AW01N" the system will open the below screen

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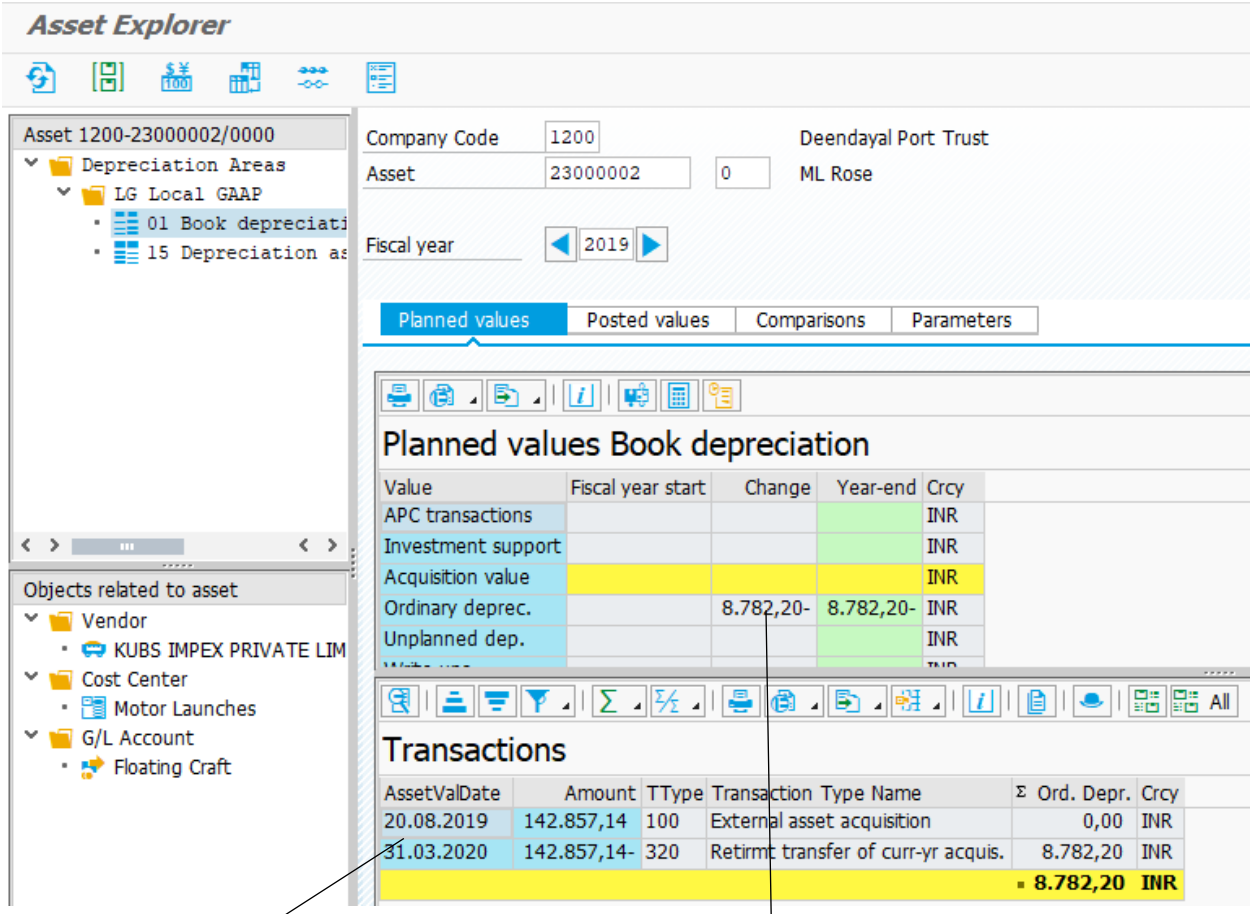

Double Click on Line item "Asset Value Date" to view the related Accounting Document

Planned Depreciation for the Year 2019

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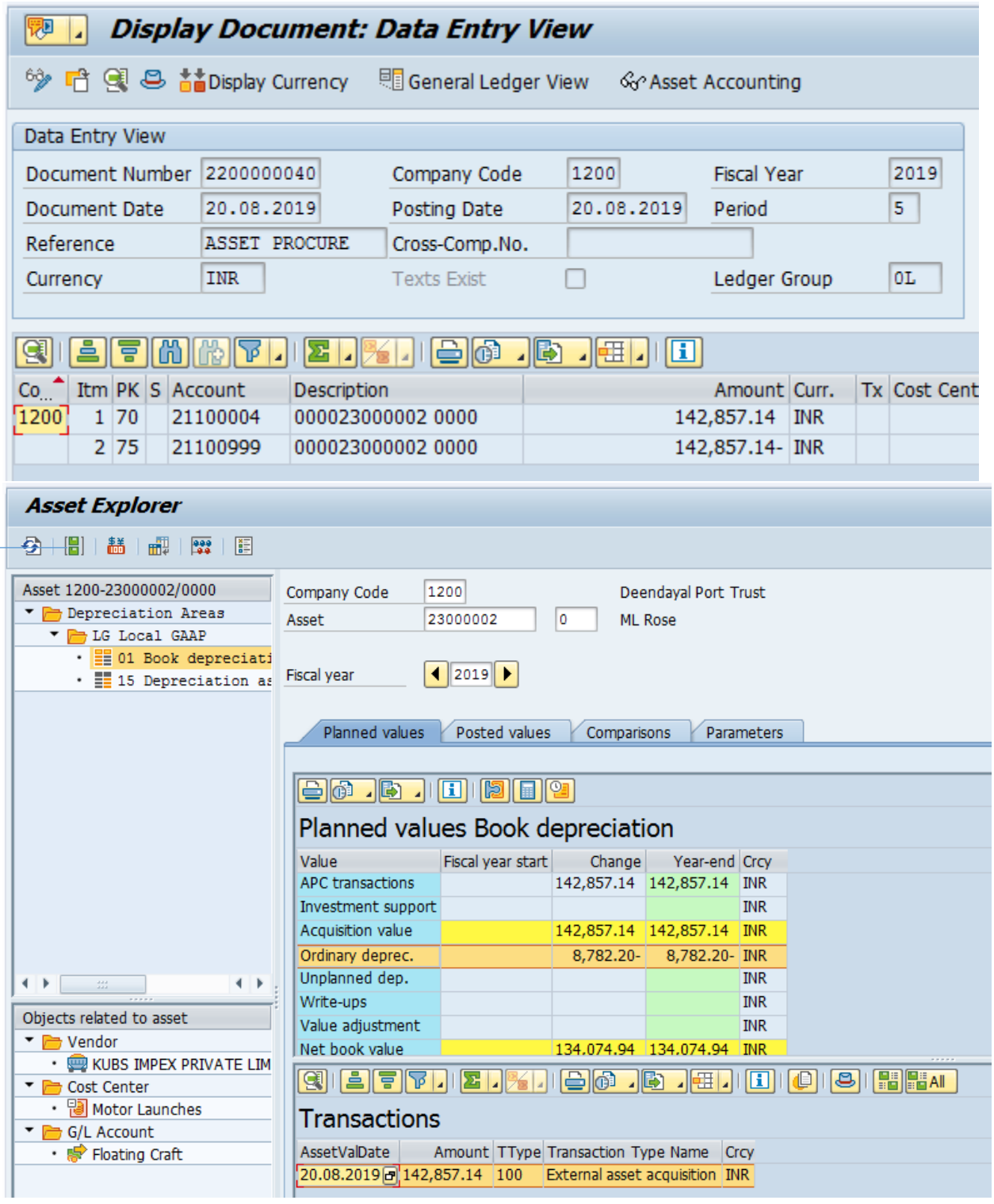

Click on **"Display Master Data"** to view the asset master details

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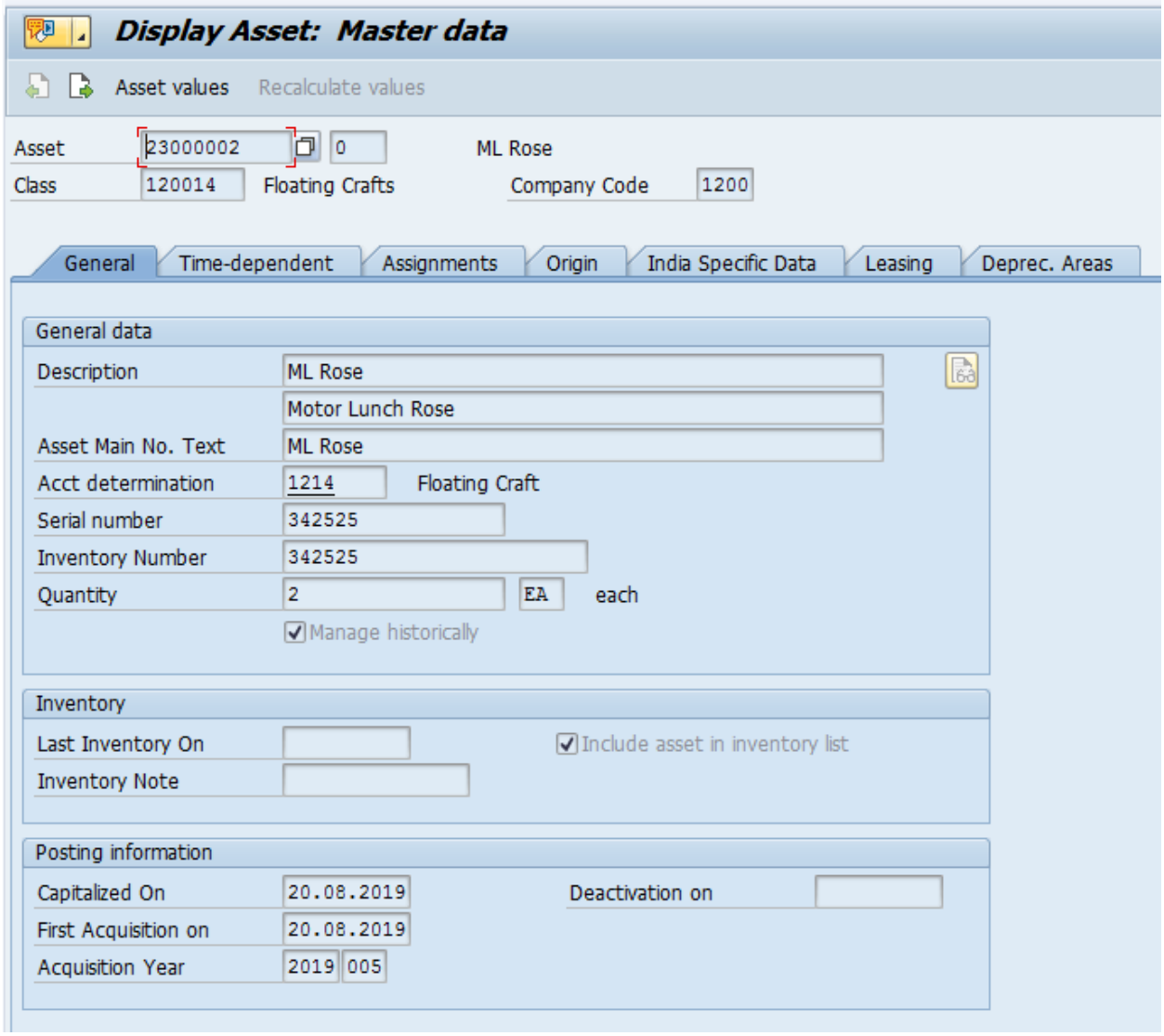

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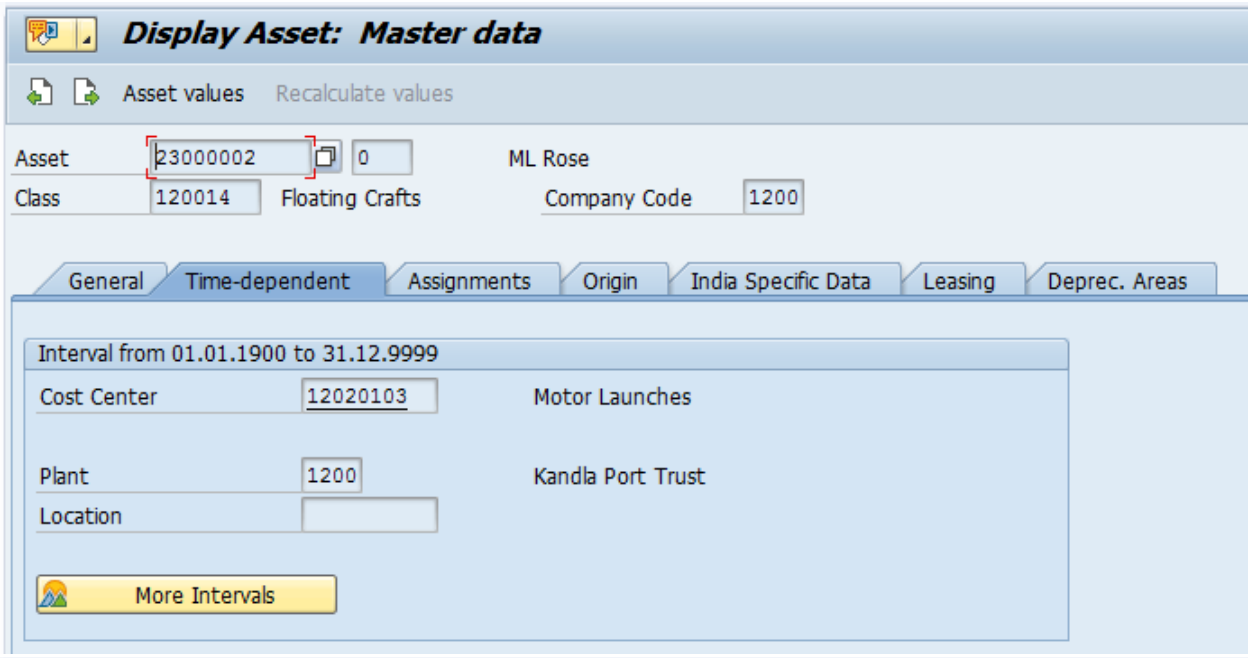

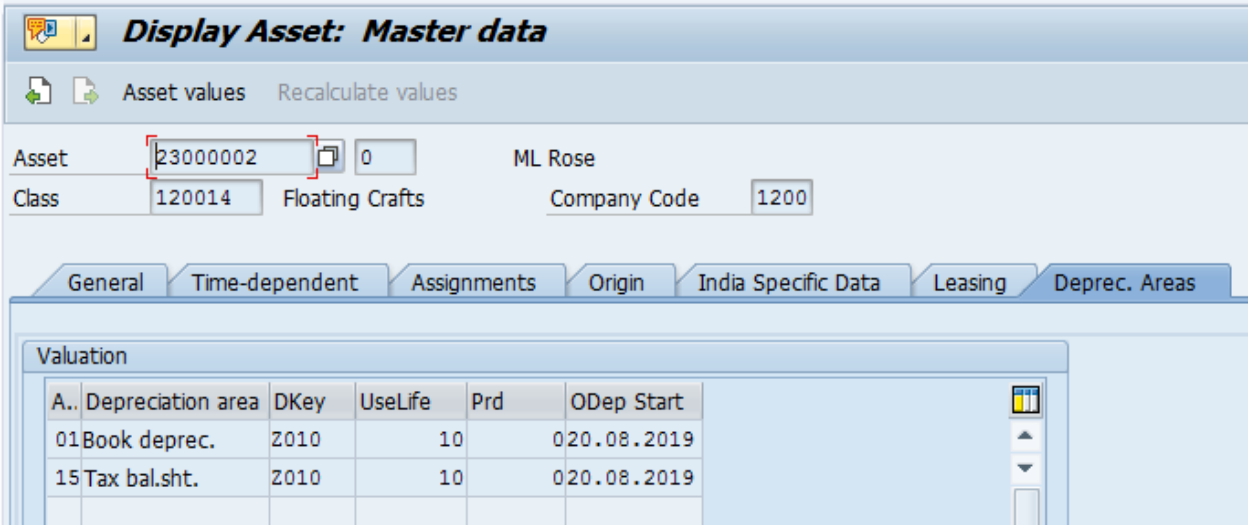

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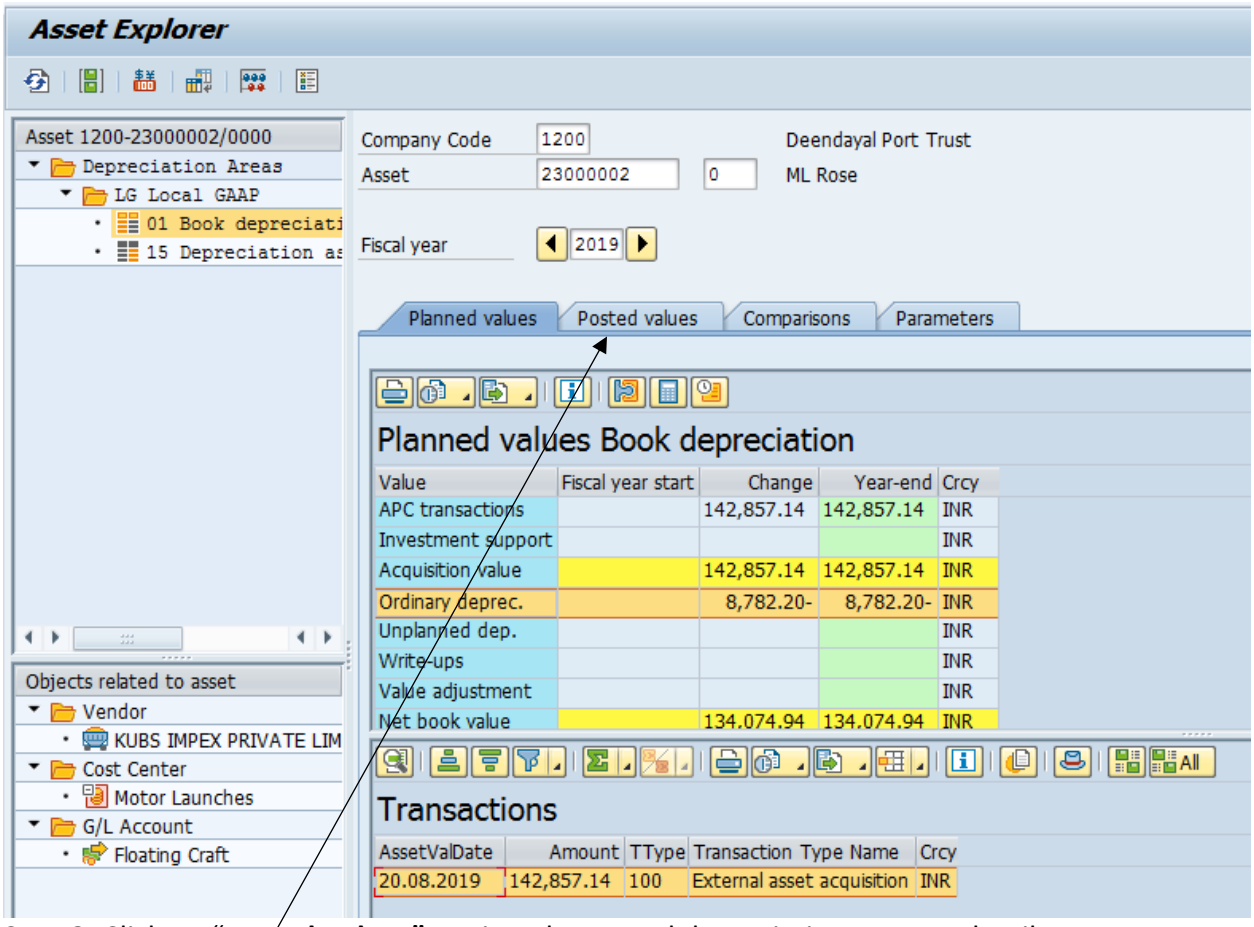
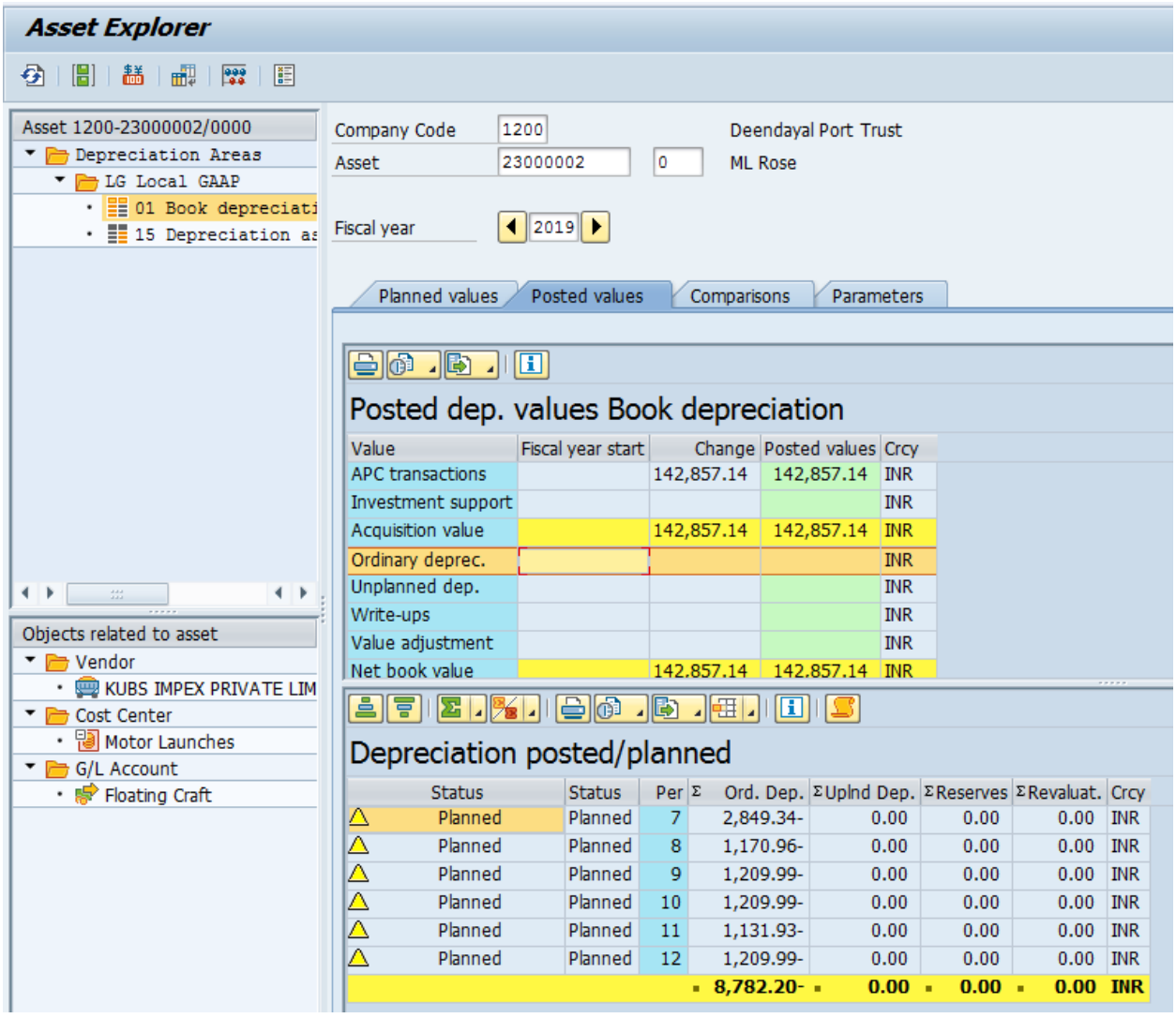


Step 3: Click on "**Posted Values"** to view the posted depreciation amount detail



Depreciation is not yet posted, once posted then the system will turn the status as "**posted**" instead of "**Planned**" and the warning "**Yellow**" color will turn as "**green**" color.

Step 4: Click on "**Comparisons**" to view the APC cost, depreciation amount and net book value each year.

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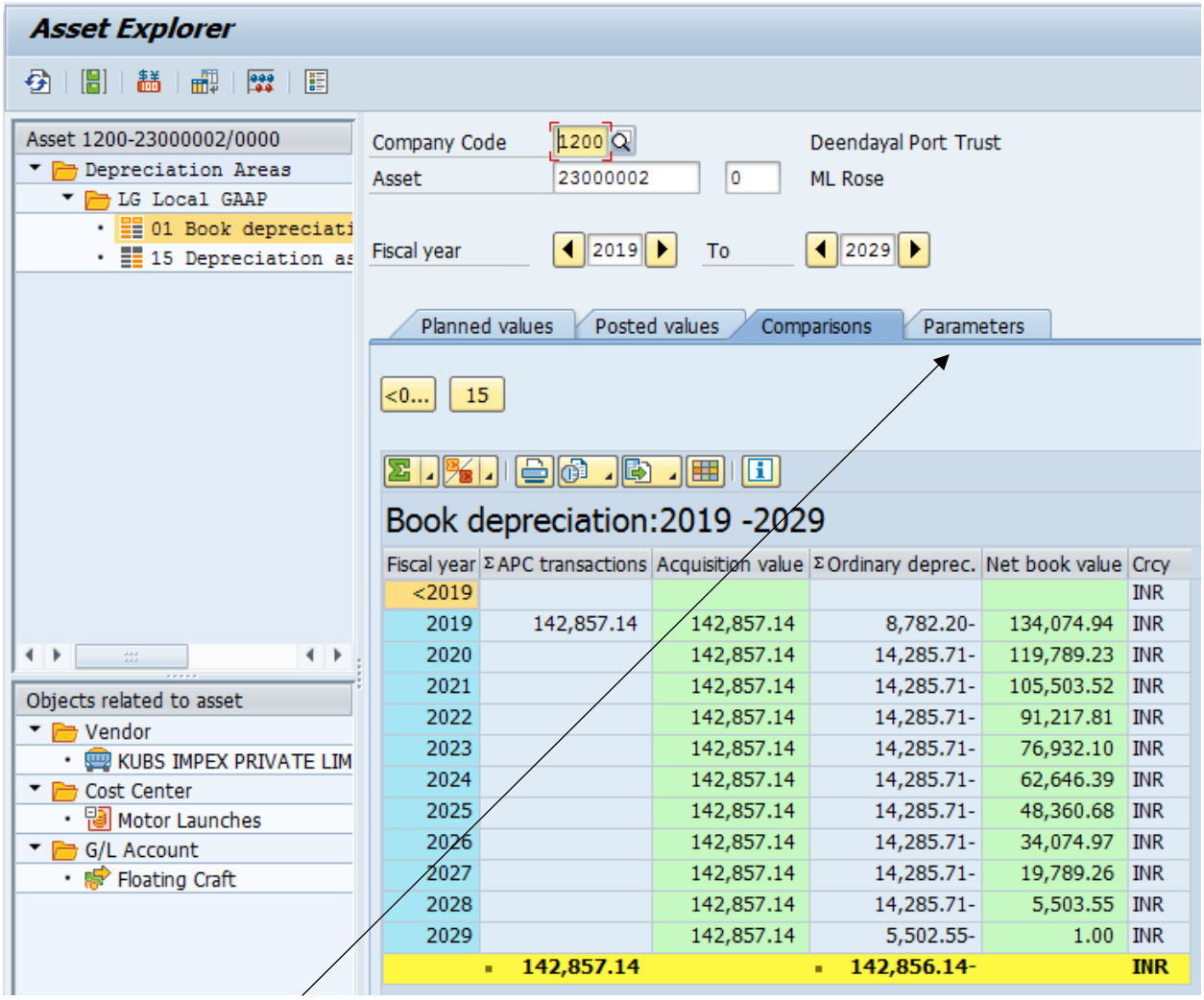

Fiscal year	Σ APC transactions	Acquisition value	Σ Ordinary deprec.	Net book value	Crcy
<2019					INR
2019	142,857.14	142,857.14	8,782.20-	134,074.94	INR
2020		142,857.14	14,285.71-	119,789.23	INR
2021		142,857.14	14,285.71-	105,503.52	INR
2022		142,857.14	14,285.71-	91,217.81	INR
2023		142,857.14	14,285.71-	76,932.10	INR
2024		142,857.14	14,285.71-	62,646.39	INR
2025		142,857.14	14,285.71-	48,360.68	INR
2026		142,857.14	14,285.71-	34,074.97	INR
2027		142,857.14	14,285.71-	19,789.26	INR
2028		142,857.14	14,285.71-	5,503.55	INR
2029		142,857.14	5,502.55-	1.00	INR
	142,857.14		142,856.14-		INR

Step 5: Click on "**Parameters**" to view the following things

Useful life, Expired life, Remaining life, Depreciation start date and scrap value percentage etc……

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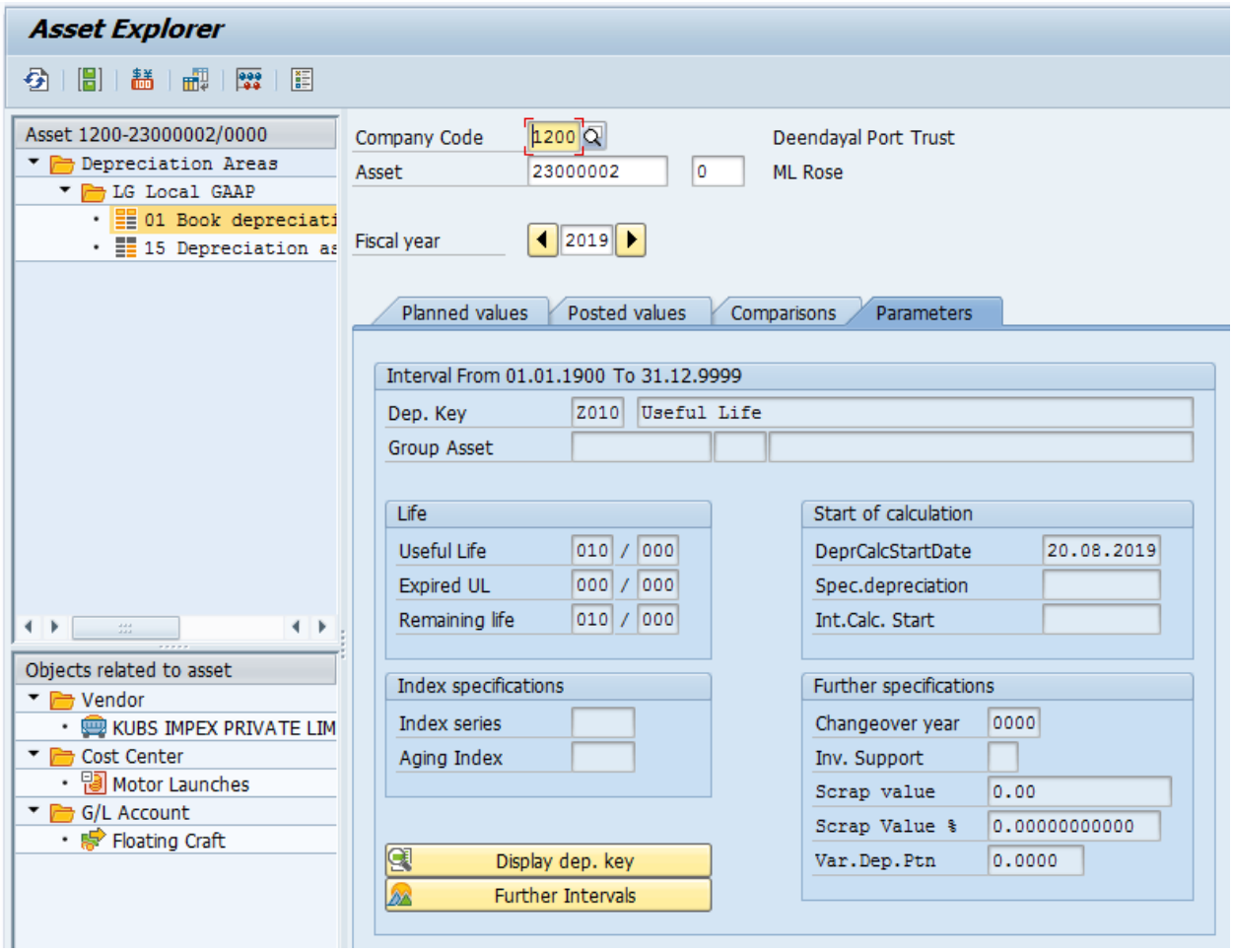

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2. Asset Purchase through PO (MM Module):

With IO (Internal Order)
Without IO (Internal Order)
Asset Purchase through PO (Without IO):

The below transaction codes which we can use for asset procurement process

ME21N – PO Creation

MIGO – GRN (Goods Receipt)

MIRO – Vendor Incoming Invoice Posting

AS01 – Asset Master Creation

Step 1: Enter Transaction code AS01 in command bar (or) Follow the below navigation path

AS01 – Create a new Asset

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Create (AS01)

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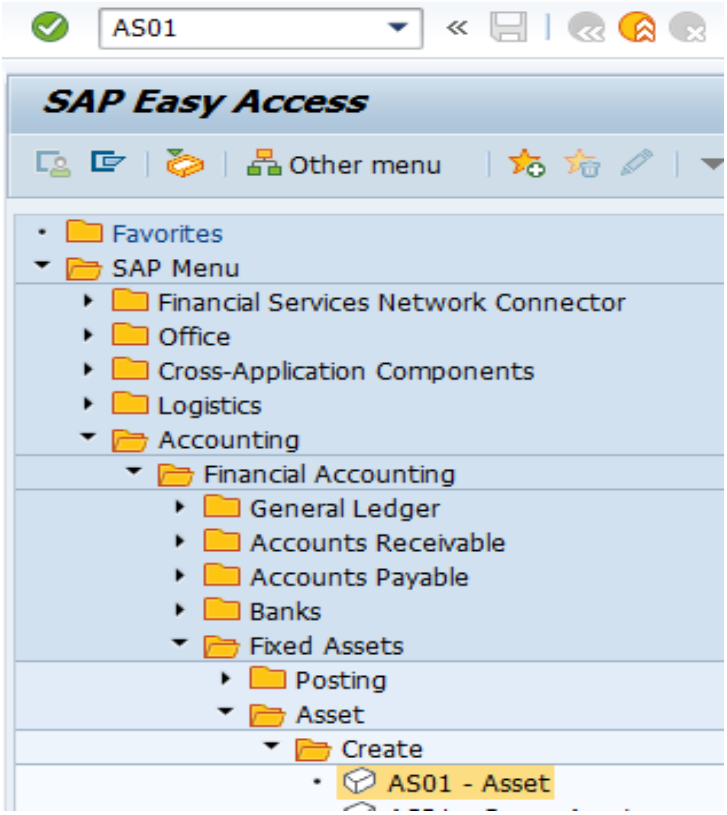

Double click on **"AS01"** the system will open the below screen

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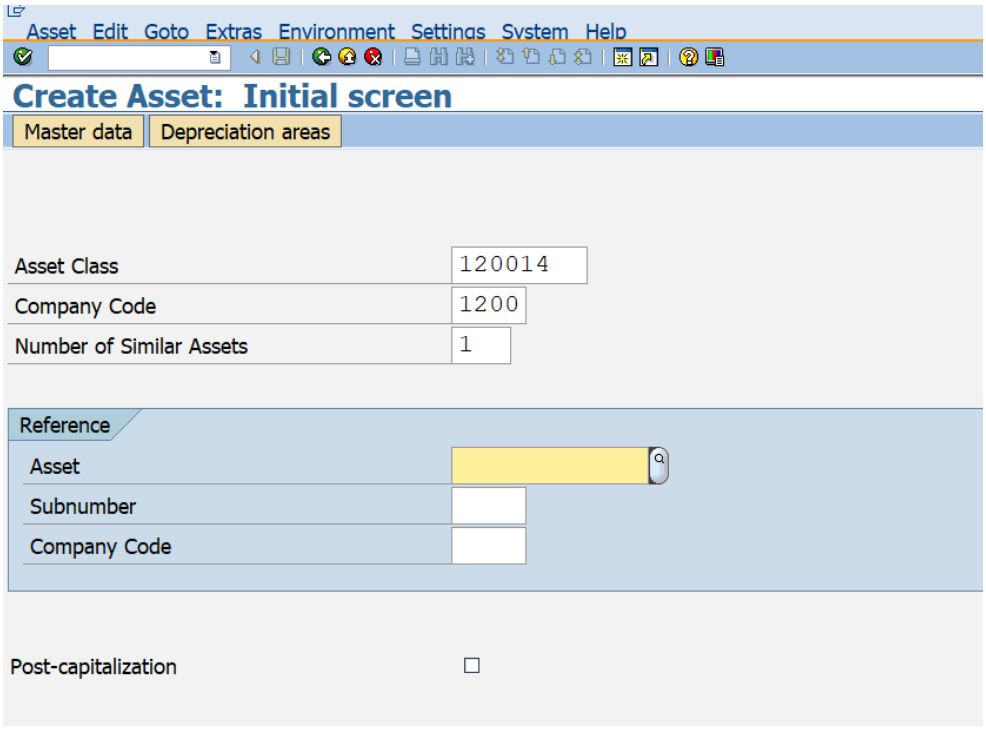

Step 2: Provide the values as shown above and press enter

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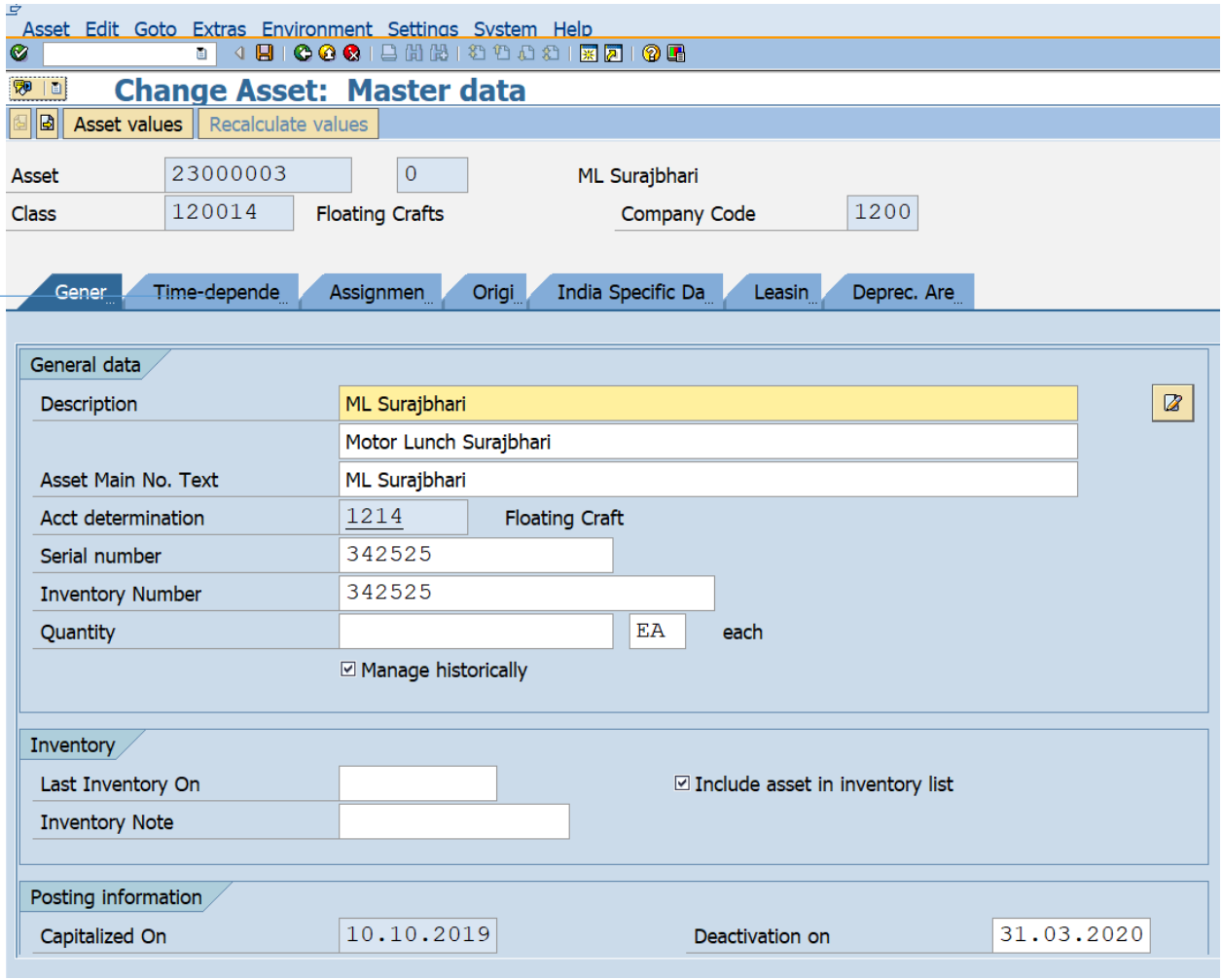

Step 3: Provide the values as shown above and click on **"Time-dependent"**

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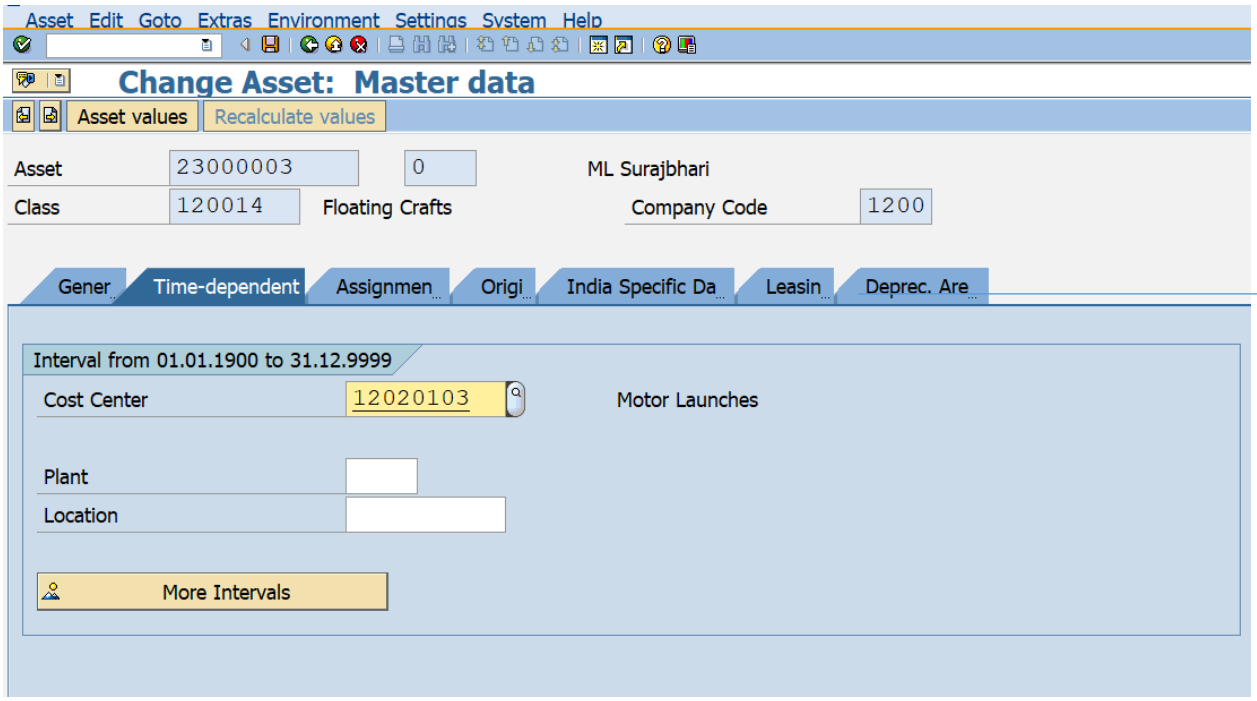
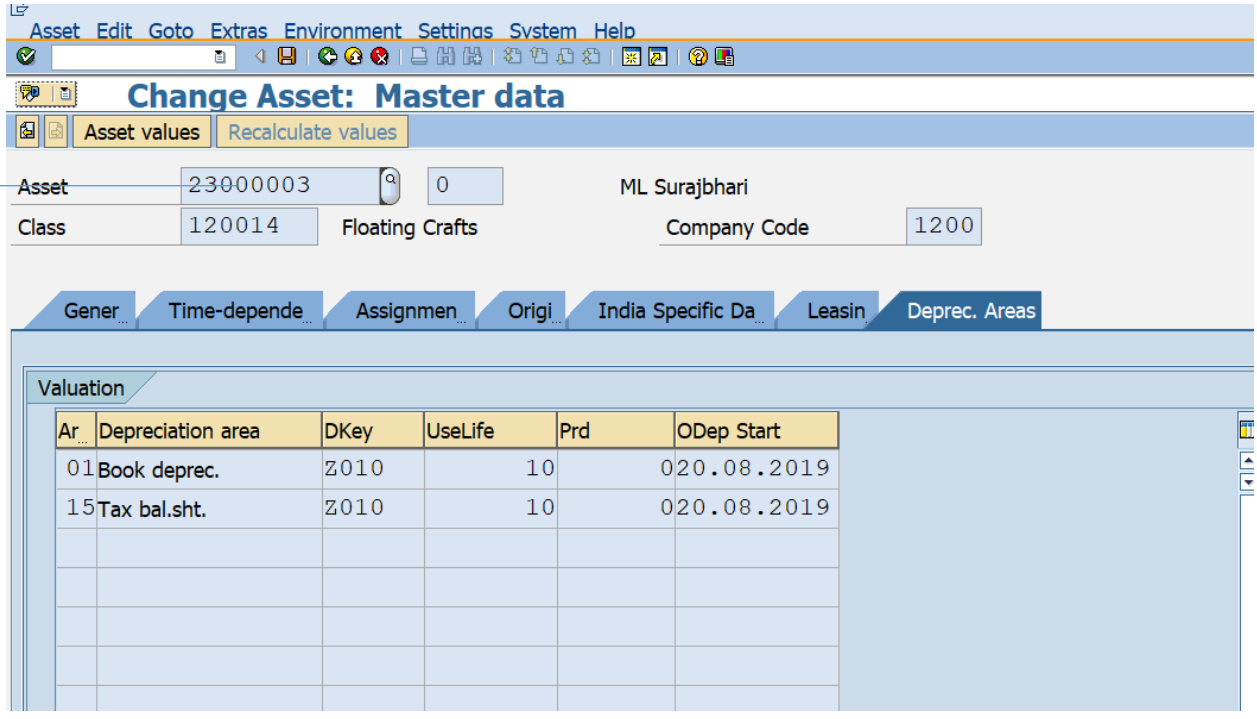


Step 4: Provide the values as shown above in Time Dependent area and click on **"Depreciation Areas"**



Step 5: Provide the values as shown above and save.

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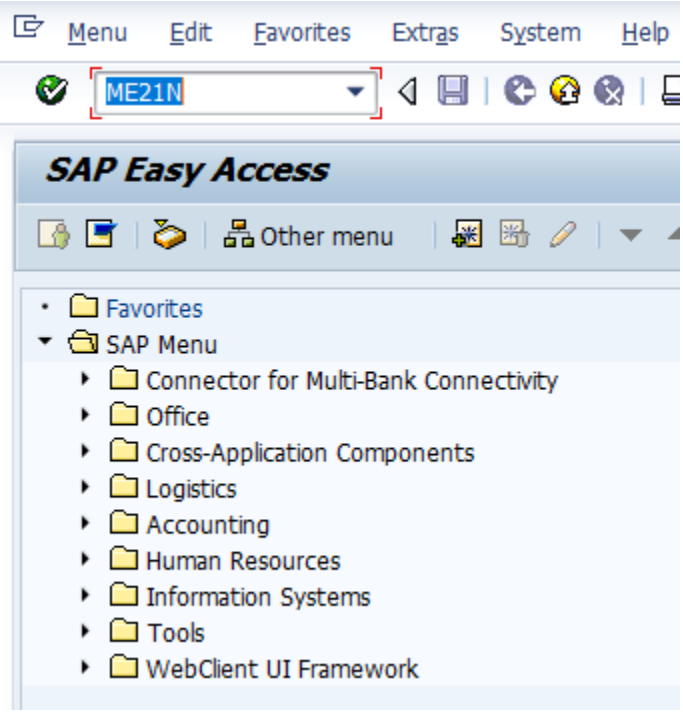
Asset Number Created 23000003

ME21N – Asset PO Creation:

Step 1: Enter Transaction code ME21N in command bar and press enter (or) Follow the below navigation path

Easy Access → SAP Menu→ Logistic → Materials Management→ Purchasing → Purchase Order → Create → Vendor/Supplying Plant Known



Step 2: In the next screen enter the required details

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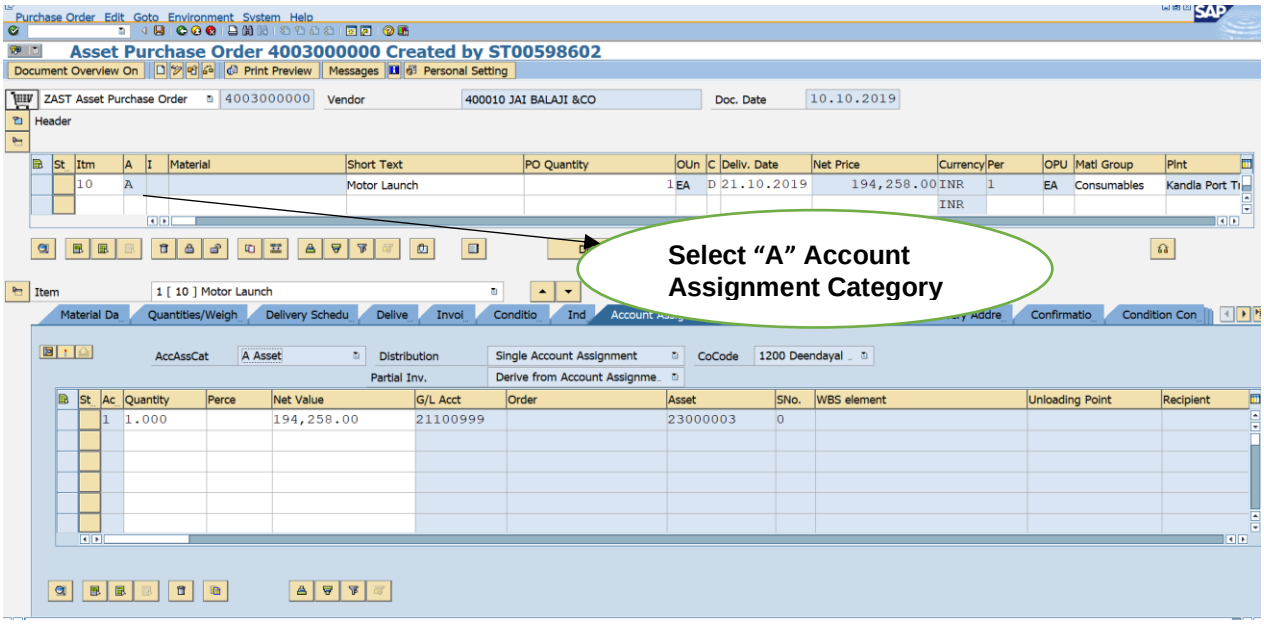
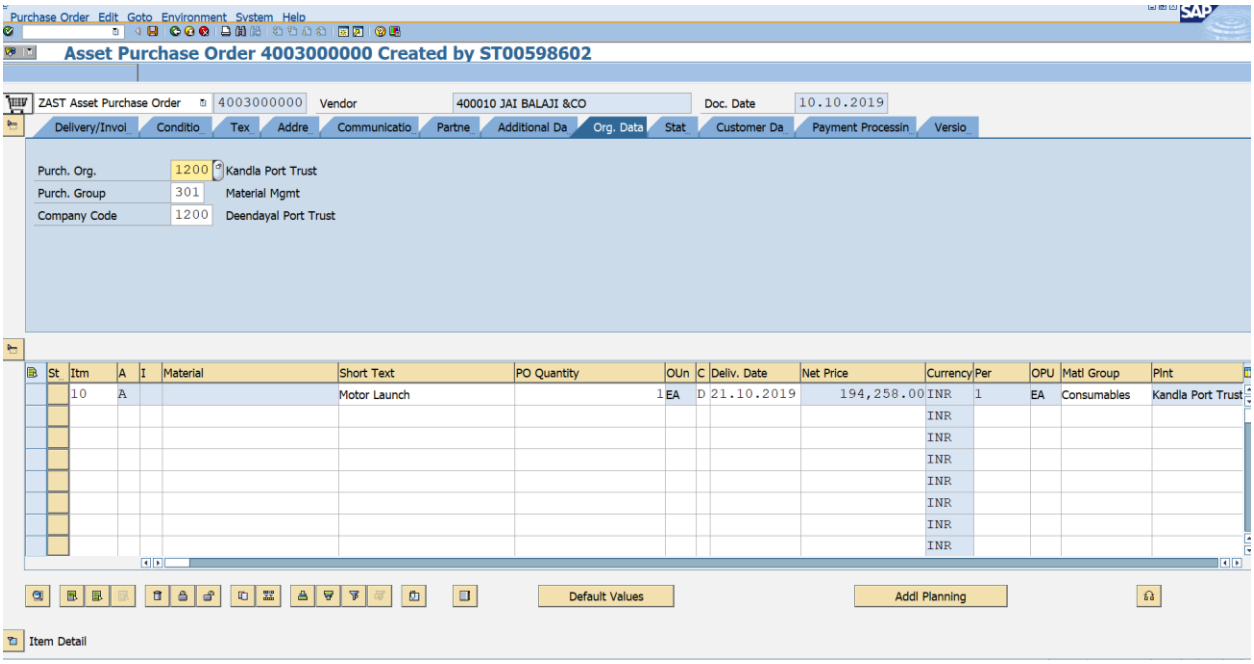


Step 3: Provide the values as shown above and press enter



Step 4: Provide the values as shown above and press enter

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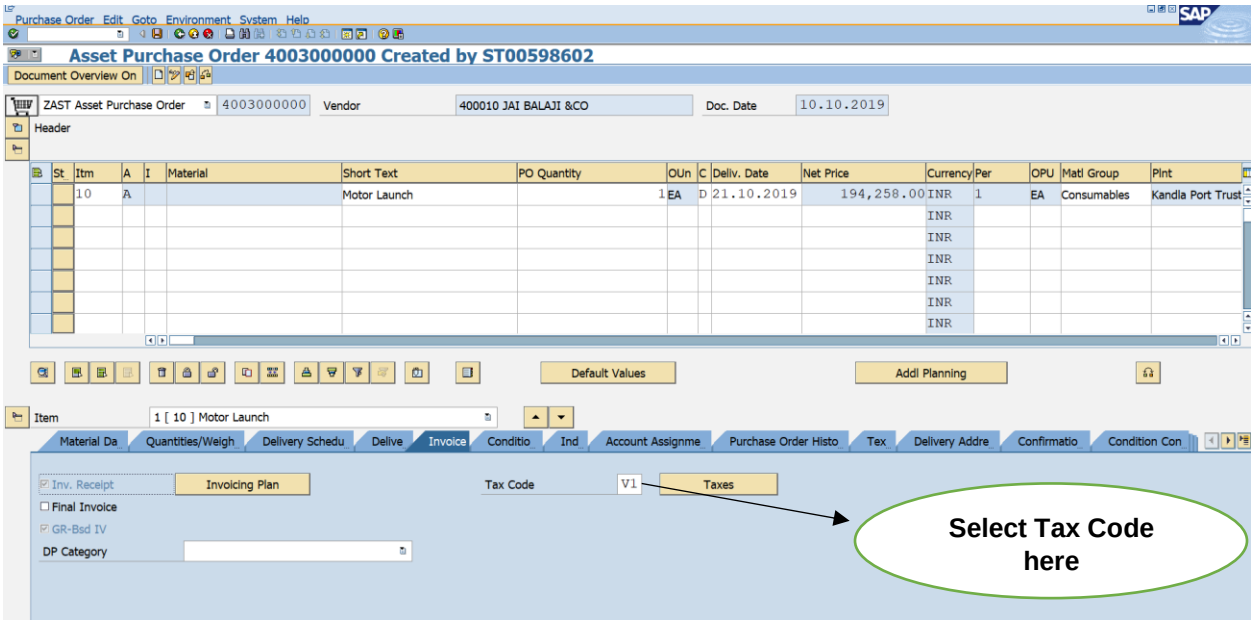
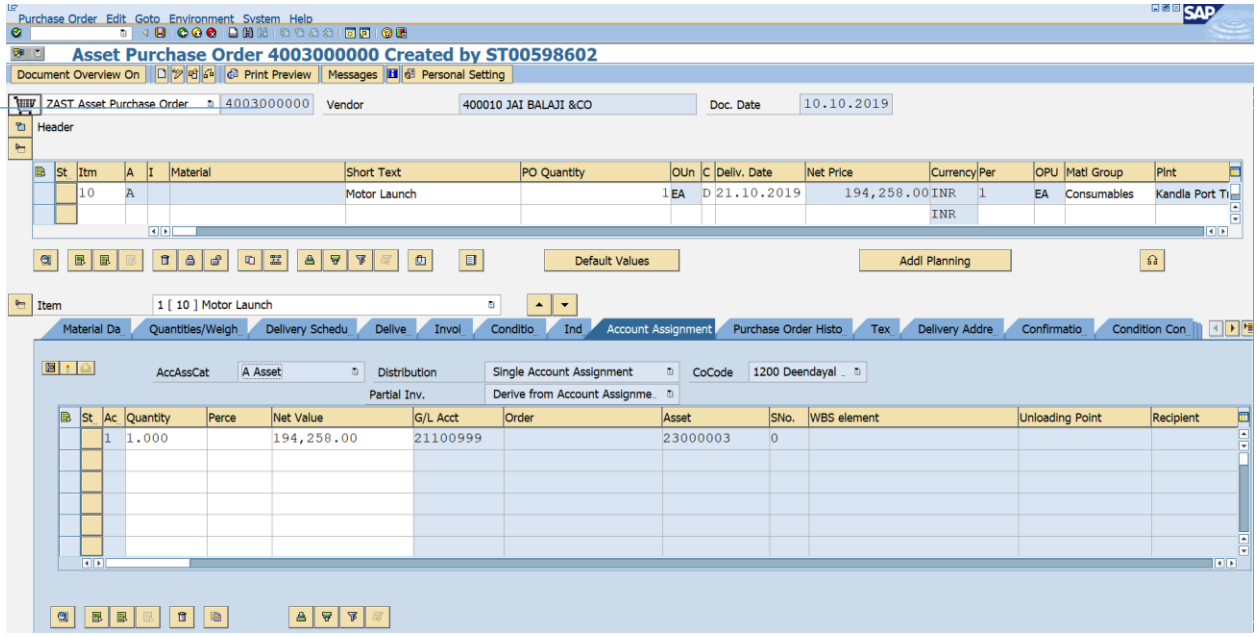


Step 5: Provide the values as shown above and press enter



Step 6: Provide the values as shown above and save the PO. To save click on “Save”.

PO-Number Created under the number: **4003000000**

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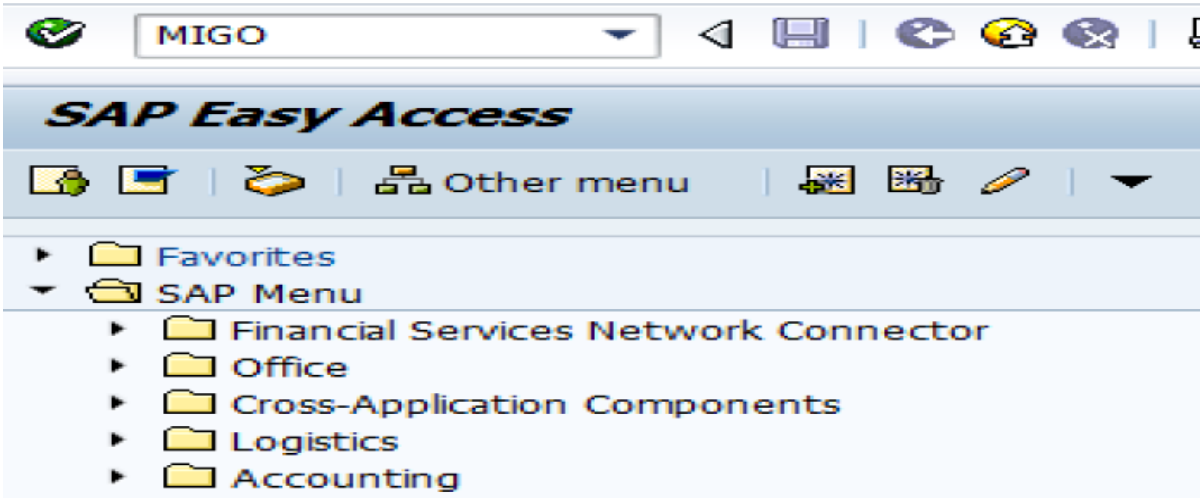
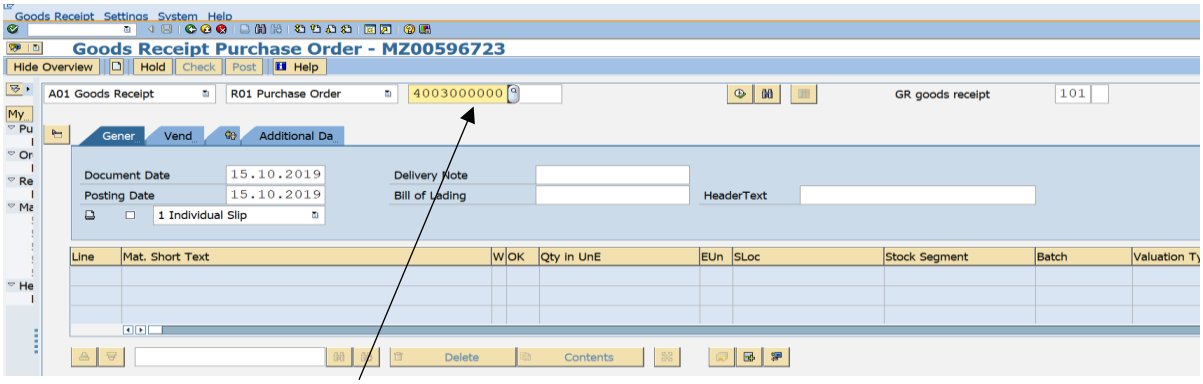
MIGO – Goods Receipt

Step 1: Enter Transaction code ME21N in command bar and press enter (or) Follow the below navigation path

Easy Access → SAP Menu→ Logistic → Materials Management→ Purchasing → Purchase Order → Follow-on Functions → Goods Receipt (MIGO)



Step 2: In the next screen provide the **PO number** and press enter



Step 3: Provide the **"PO Number"** and press enter

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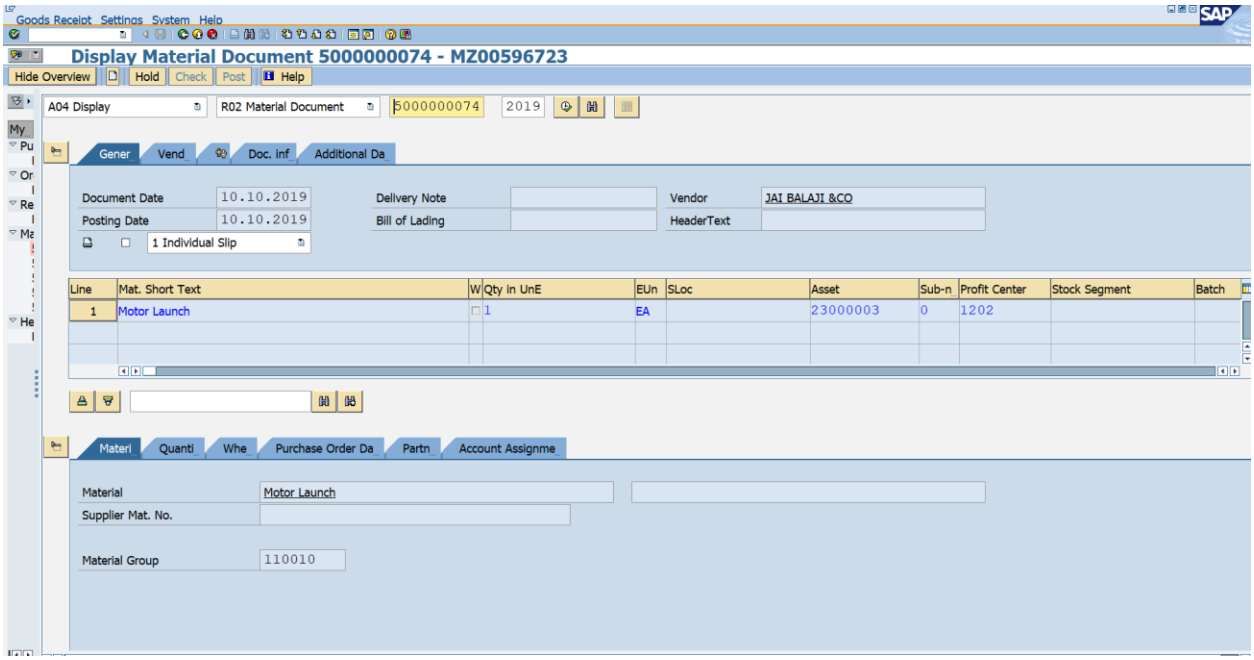

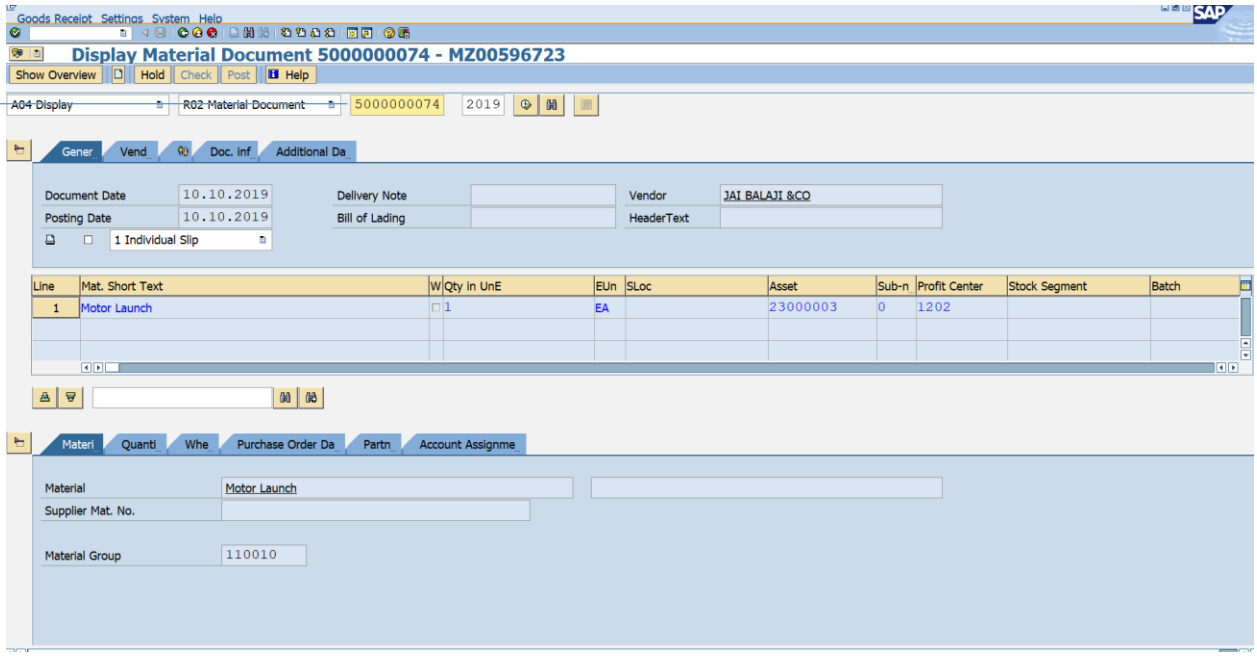

Step 4: Select the "Item OK" check box and provide the values as shown above and click on "Post".

Material Document Number Generated **5000000074**

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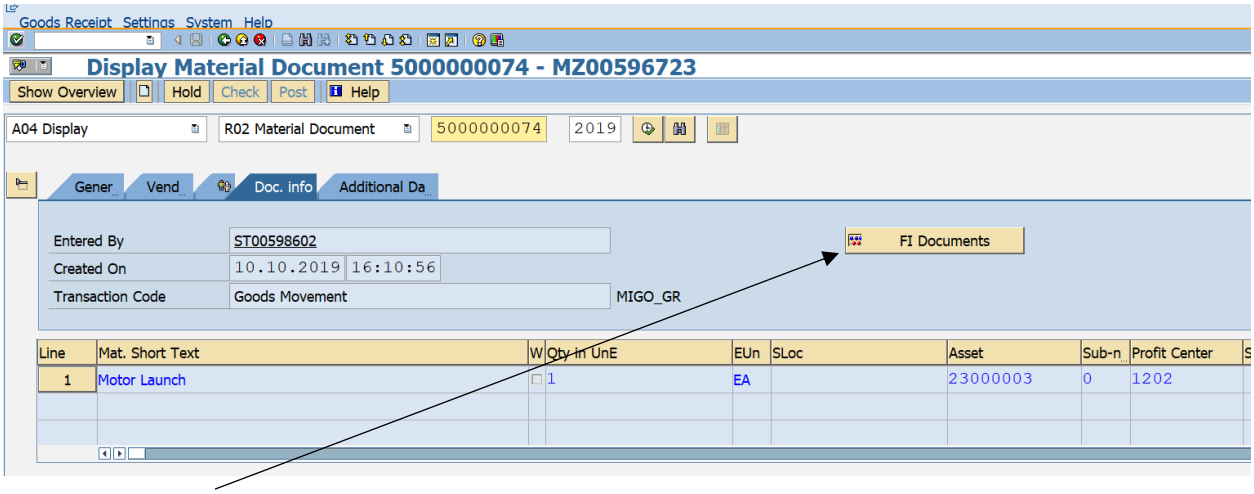
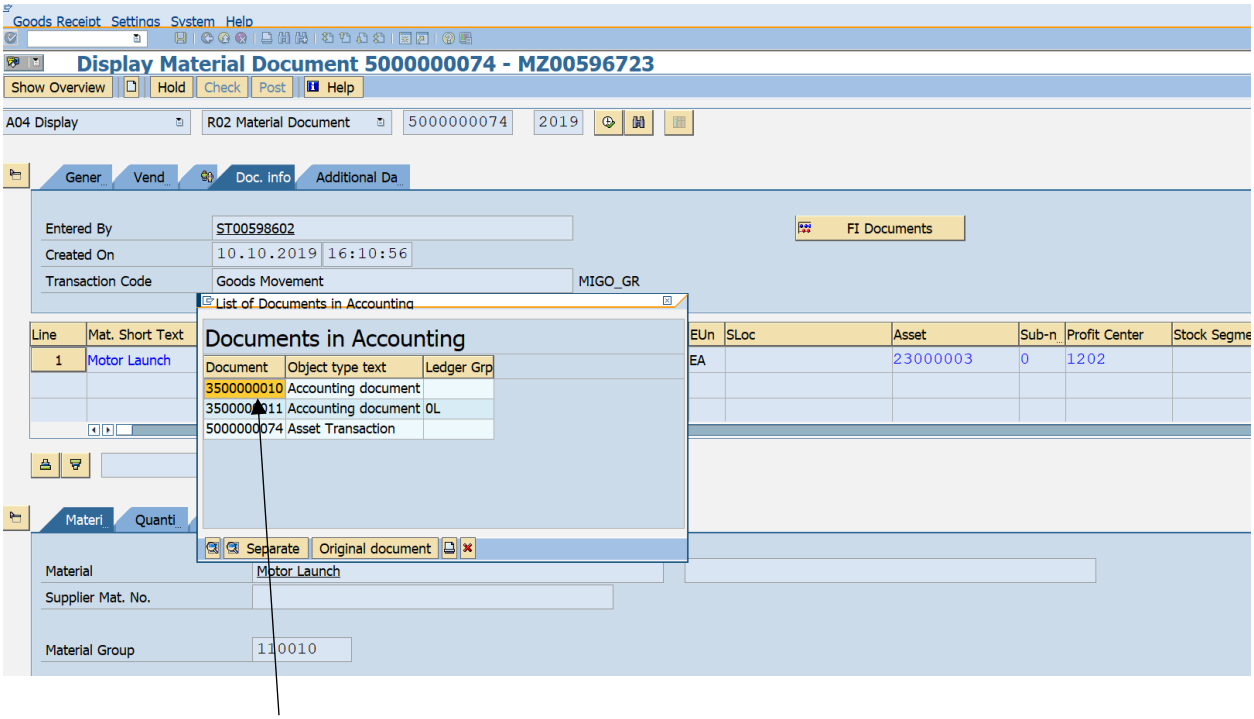


Click on **"FI Document"**



Double click on **"Accounting Document"** to view the document line items

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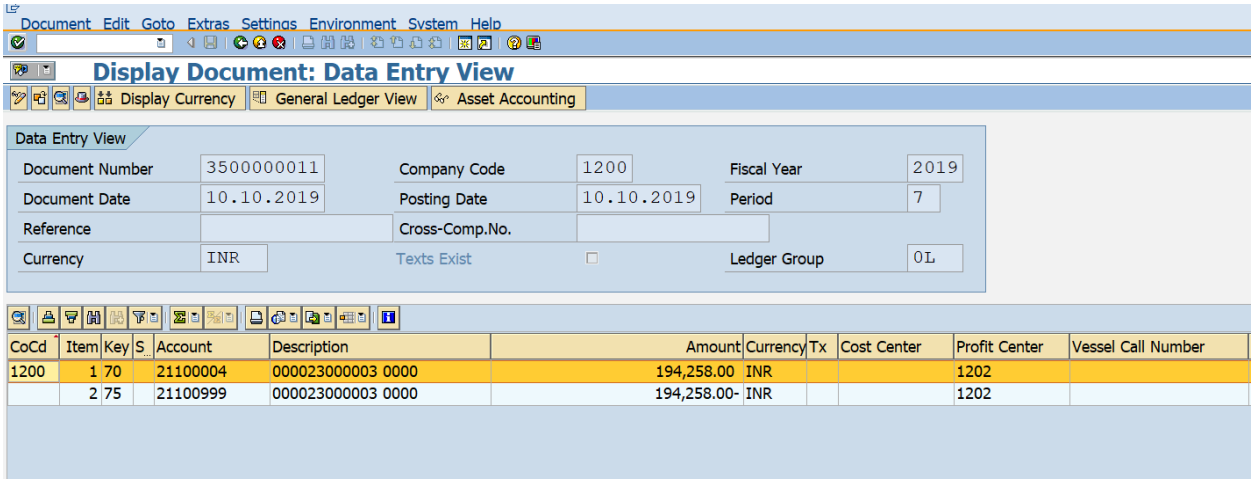
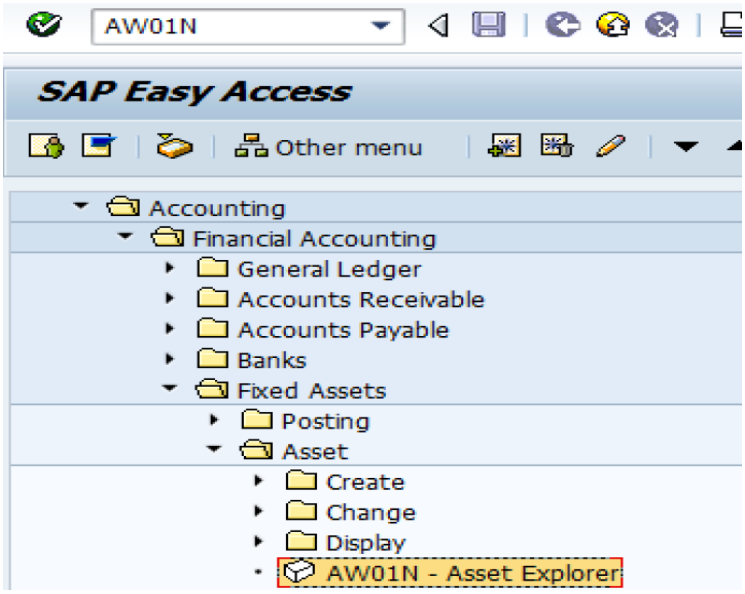


Step 1: Enter Transaction code Aw01N in command bar and press enter (or) Follow the below navigation path

Easy Access → Accounting→ Financial Accounting → Fixed Assets → Asset → Asset Explorer (AW01N)

Double click on “AW01N” to view the asset details



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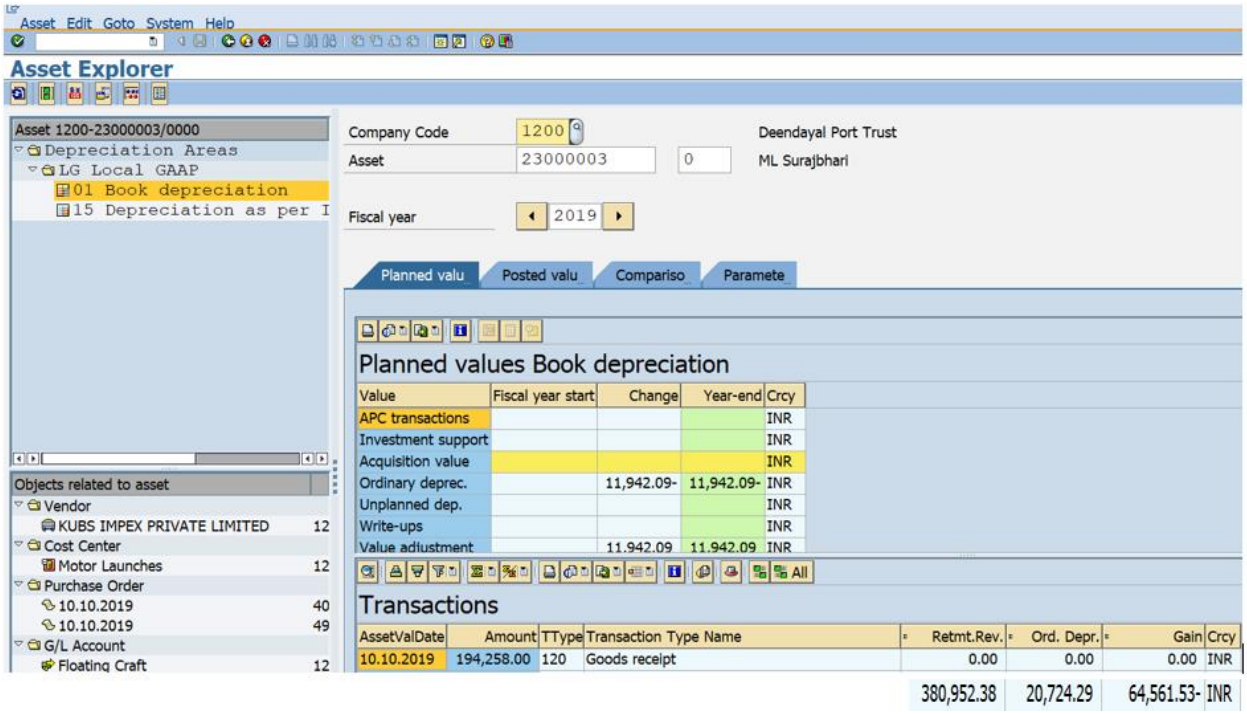

MIRO – Vendor Incoming Invoice:

Step 1: Enter Transaction code **MIRO** in command bar and press enter (or) Follow the below navigation path

Easy Access → SAP Menu→ Logistic → Materials Management→ Purchasing → Purchase Order → Follow-on Functions → Logistics Invoice Verification (MIRO)

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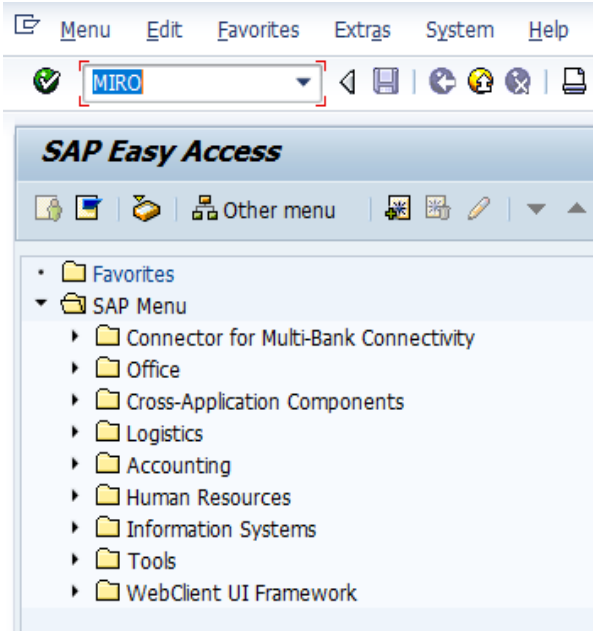
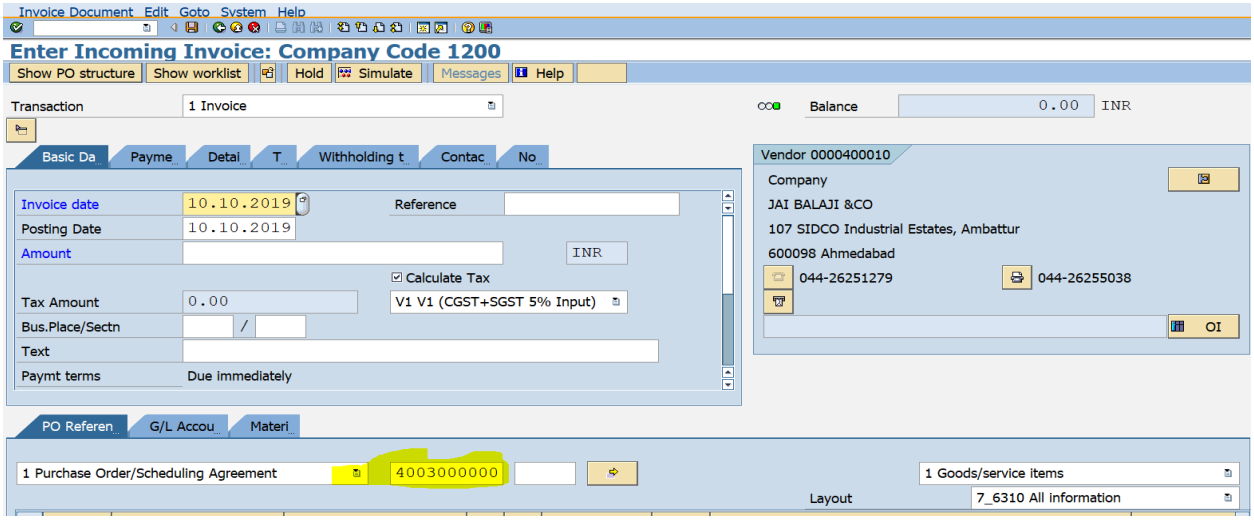


Step 2: In the next screen enter the required details like Invoice Date, Posting Date, Tax code etc and most importantly enter the respective PO Number.



Step 3: Provide the values as shown above and press enter

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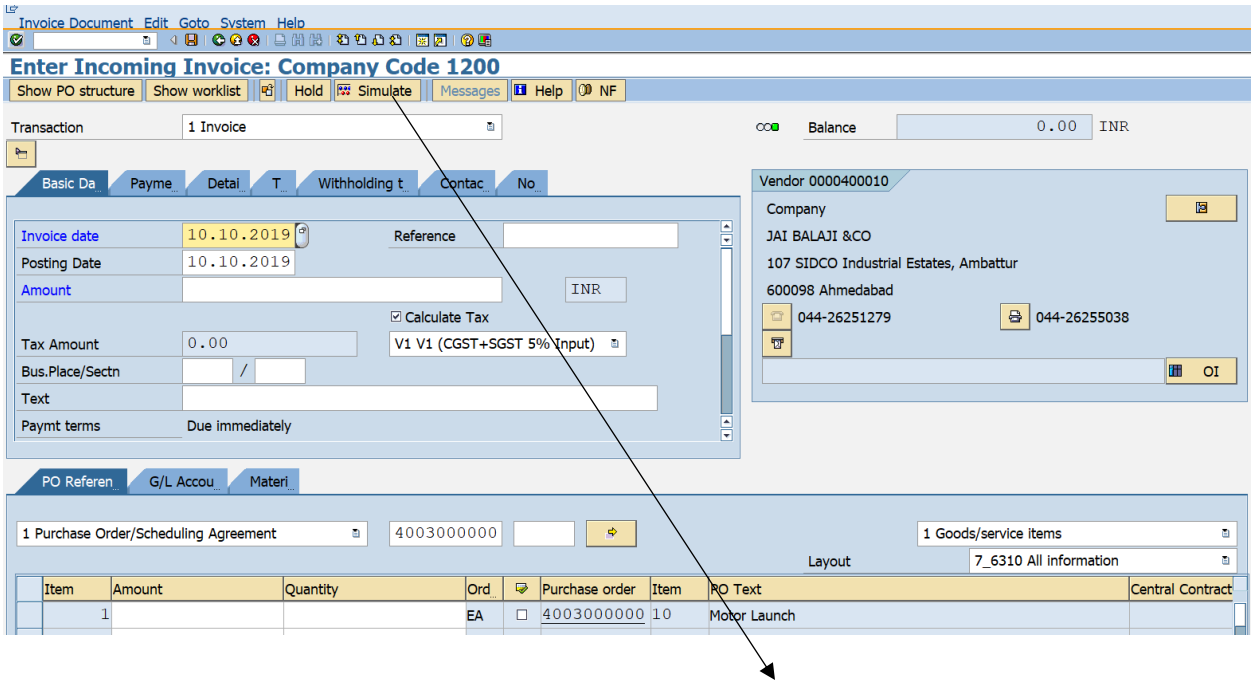
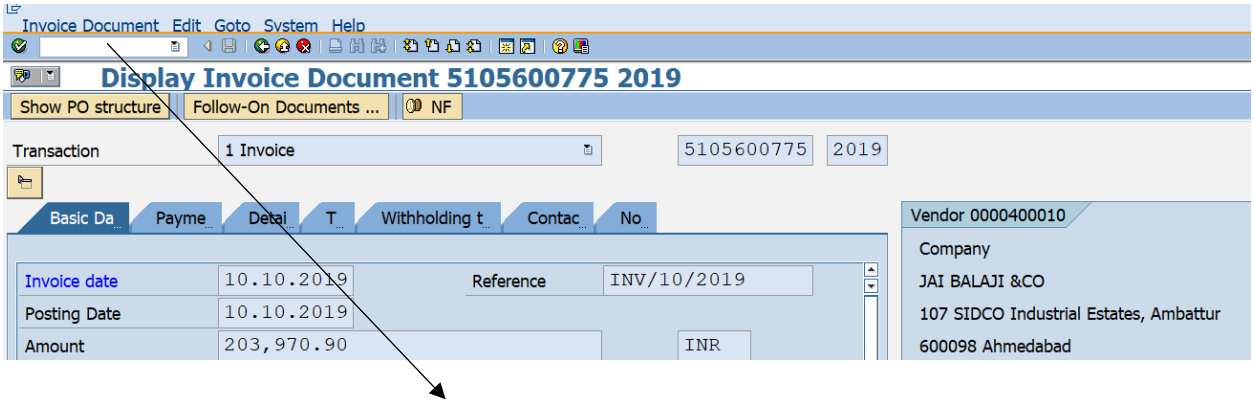


Step 4: Provide the values as shown above and click on **"Simulate** "and "**Post"** the entry and the Document Number Generated



Go to menu bar and click on **"Invoice Document"** and click on "**Display**" to view the posted document.

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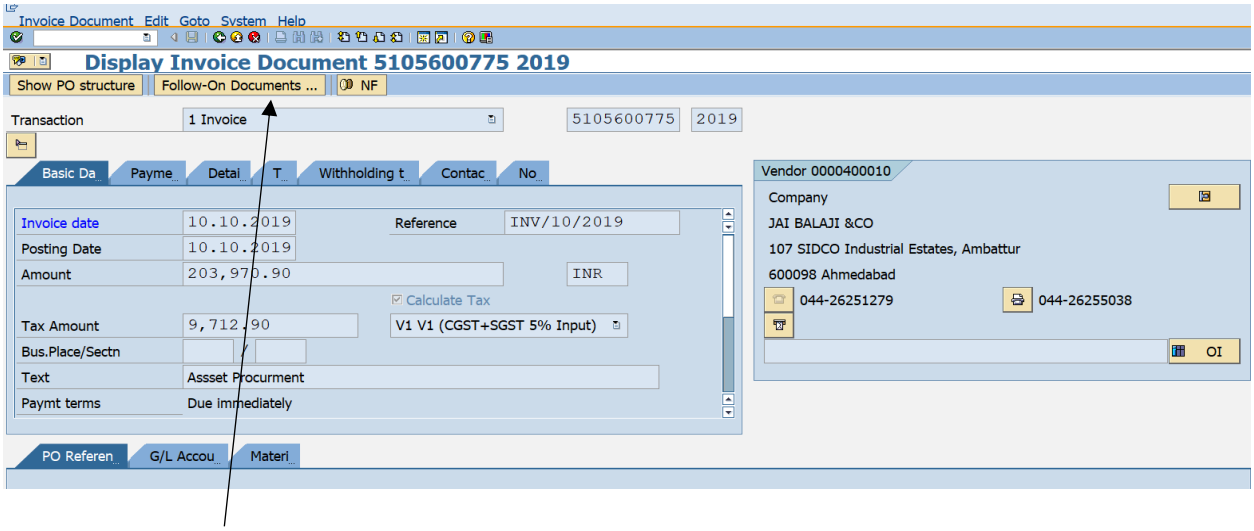
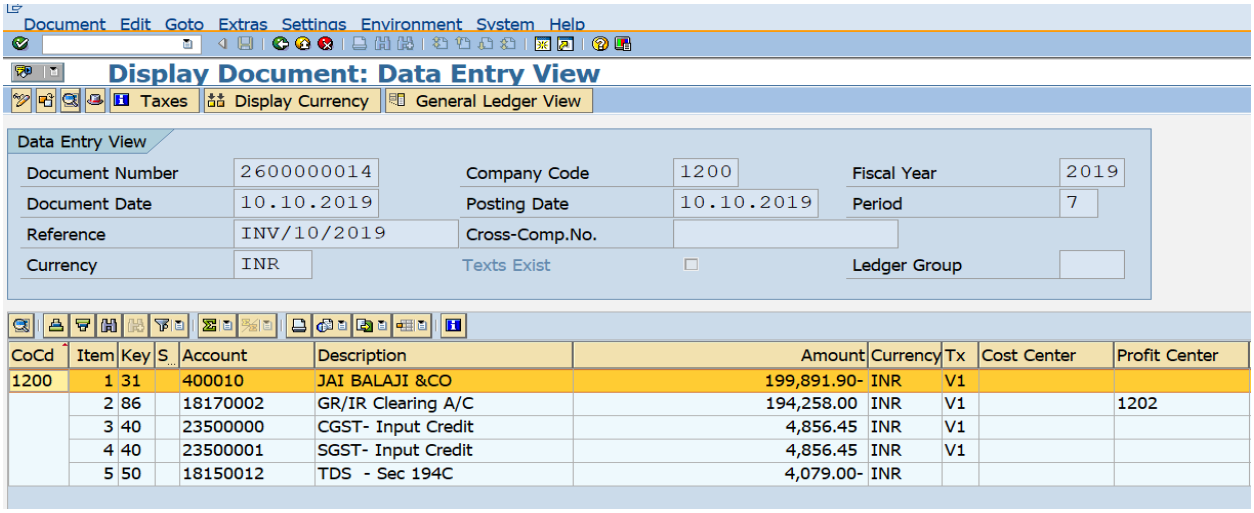


Click on **"Follow-On-Documents"** to view the document line items



CoCd	Item	Key	S	Account	Description	Amount	Currency	Tx	Cost Center	Profit Center
1200	1	31		400010	JAI BALAJI &CO	199,891.90-	INR	V1		
	2	86		18170002	GR/IR Clearing A/C	194,258.00	INR	V1		1202
	3	40		23500000	CGST- Input Credit	4,856.45	INR	V1		
	4	40		23500001	SGST- Input Credit	4,856.45	INR	V1		
	5	50		18150012	TDS - Sec 194C	4,079.00-	INR			

FBL1N – Vendor Line Item Report:

This will display the line items (both Open and cleared based on the selection) details for the particular Vendor or the set of Vendors given in the selection Screen.

Step 1: Enter Transaction code **FBL1N** in command bar and press enter

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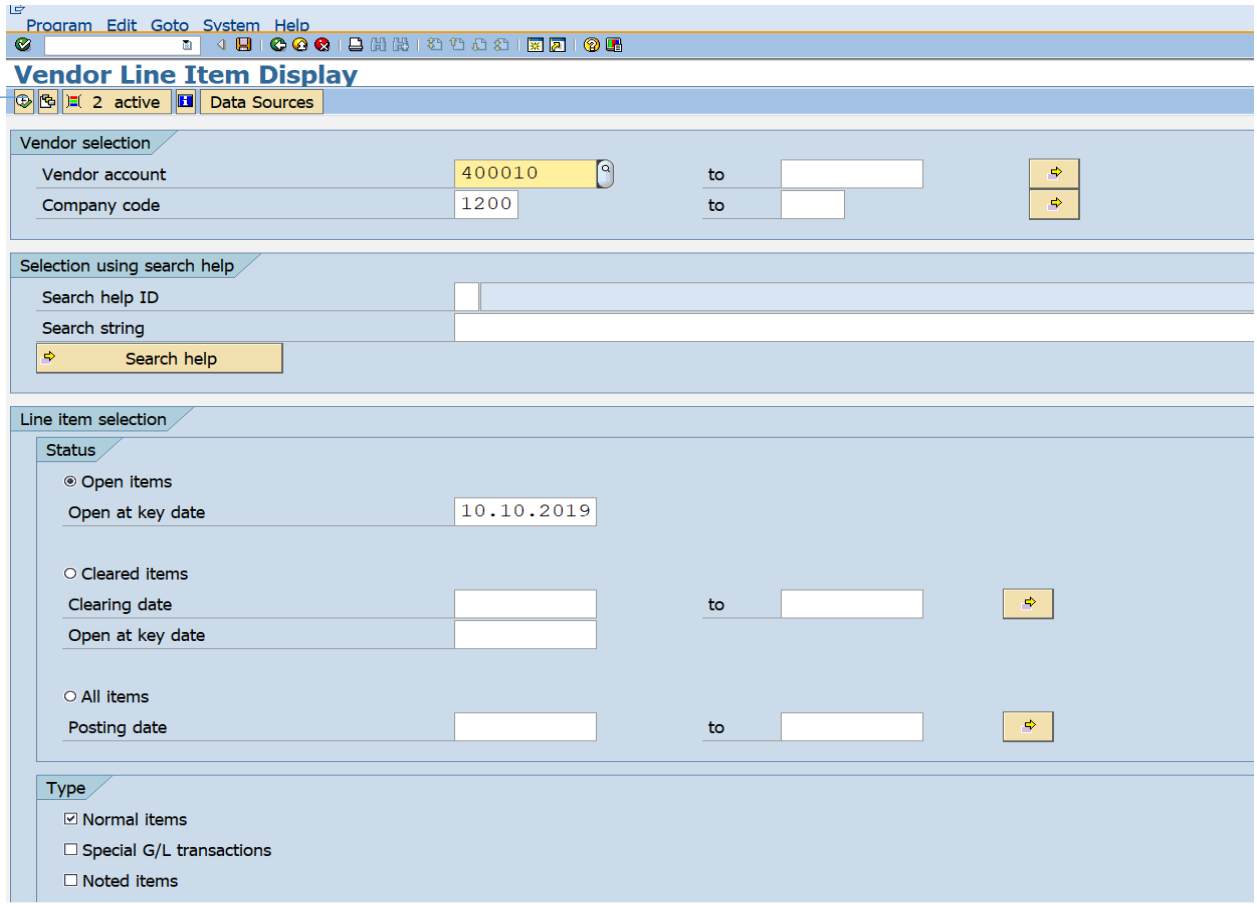
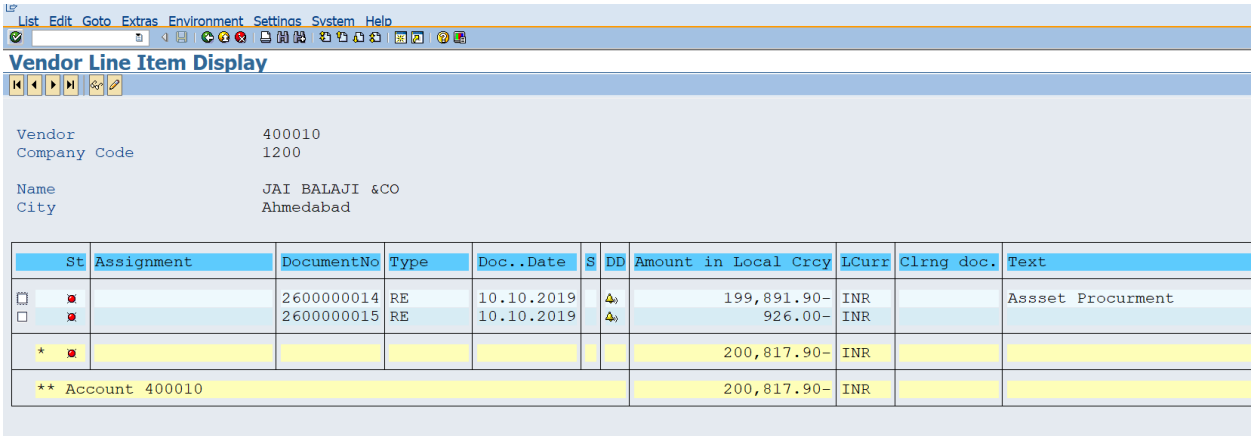


Provide the values as shown above and click on **"Execute"**

Below screen will appear which will show the details of Open Item of the Vendor or the Cleared items of the Vendor based on the selection.



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3. Asset Transfer:

Business Scenario:

Due to various reasons the business is needed to transfer the asset from one asset to another asset, for that purpose we are going to use the below transaction code to transfer the asset from one asset to another asset.

There are two types of transfers one is within same company code and another one is to another company code.

ABUMN - Transfer within Company Code

Source Asset – 23000002 (Sending Asset) Target Asset – 23000003 (Receiving Asset)

Step 1: Enter Transaction code **ABUMN** in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Posting → Transfer → Transfer within Company Code (**ABUMN**)

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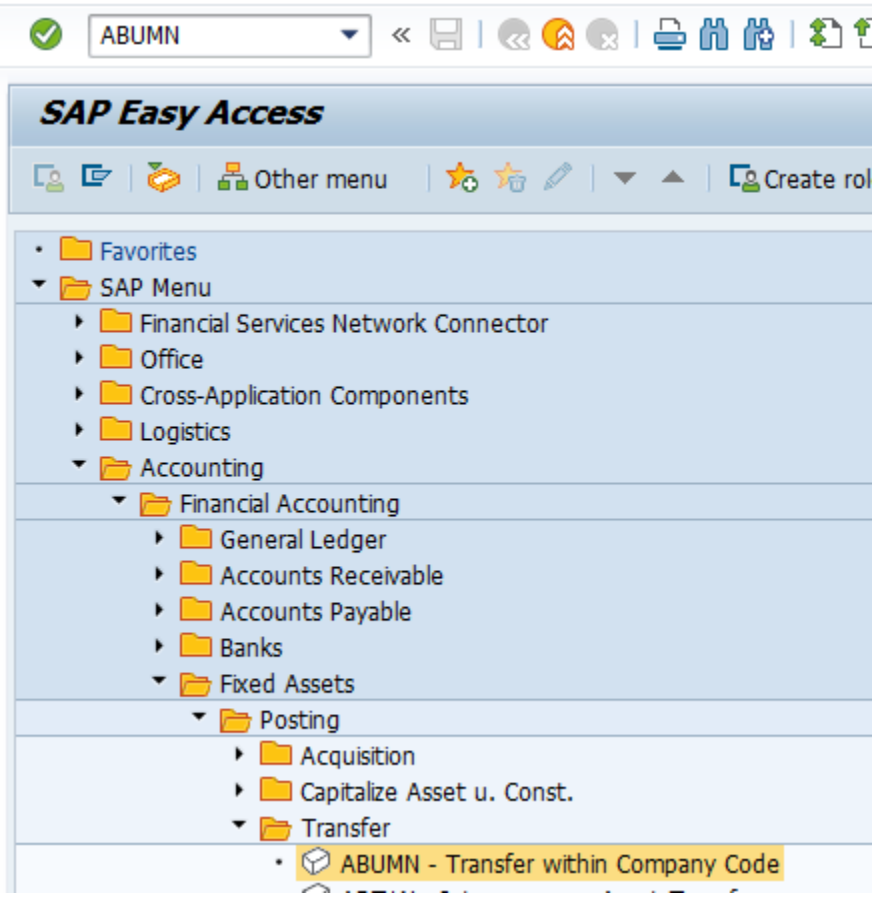

Step 2: Once you enter the Transaction ABUMN then you can see the below screen and enter the required details as per the screen

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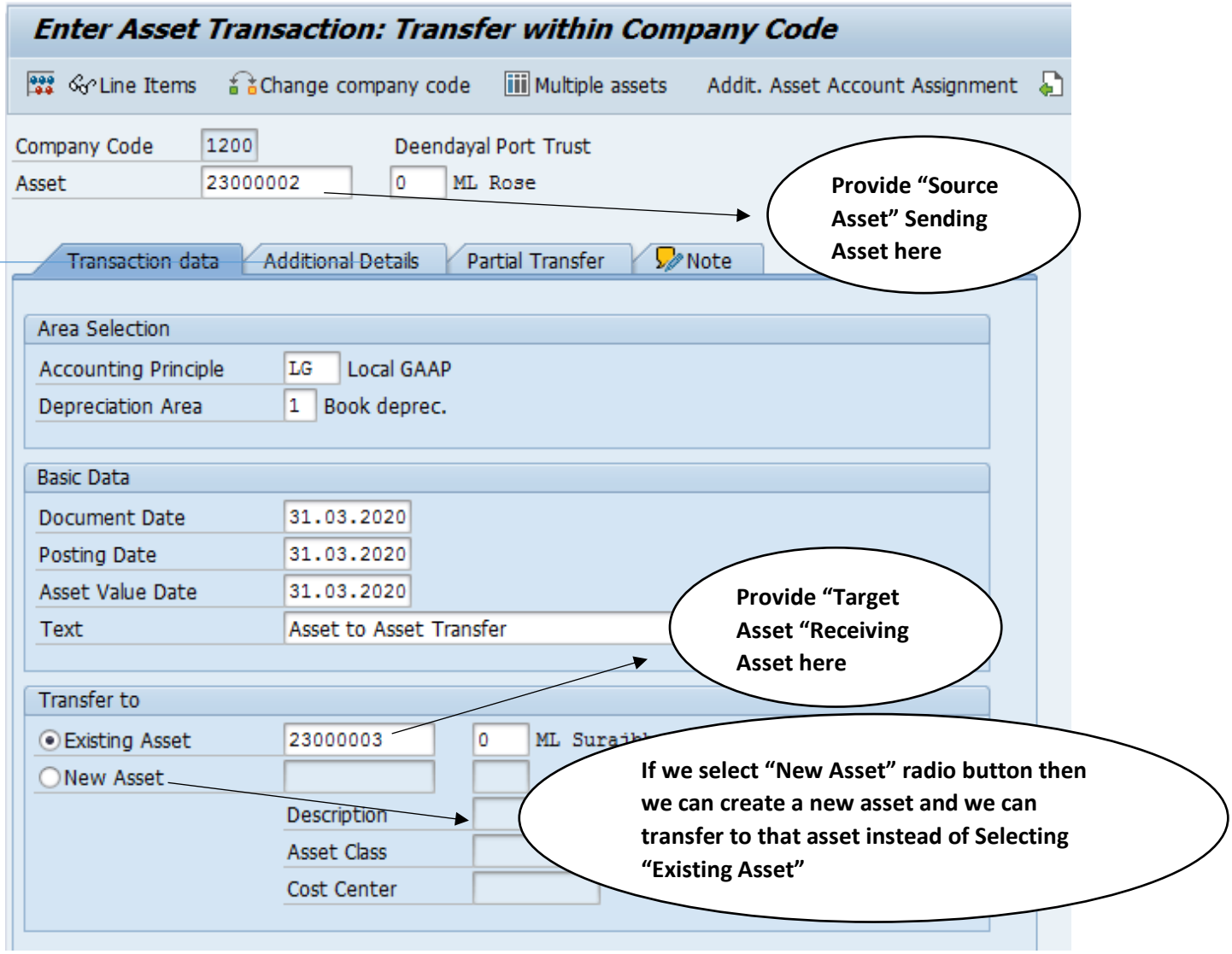

Step 3: Provide the values as shown above and click on **"Additional Details"** tab

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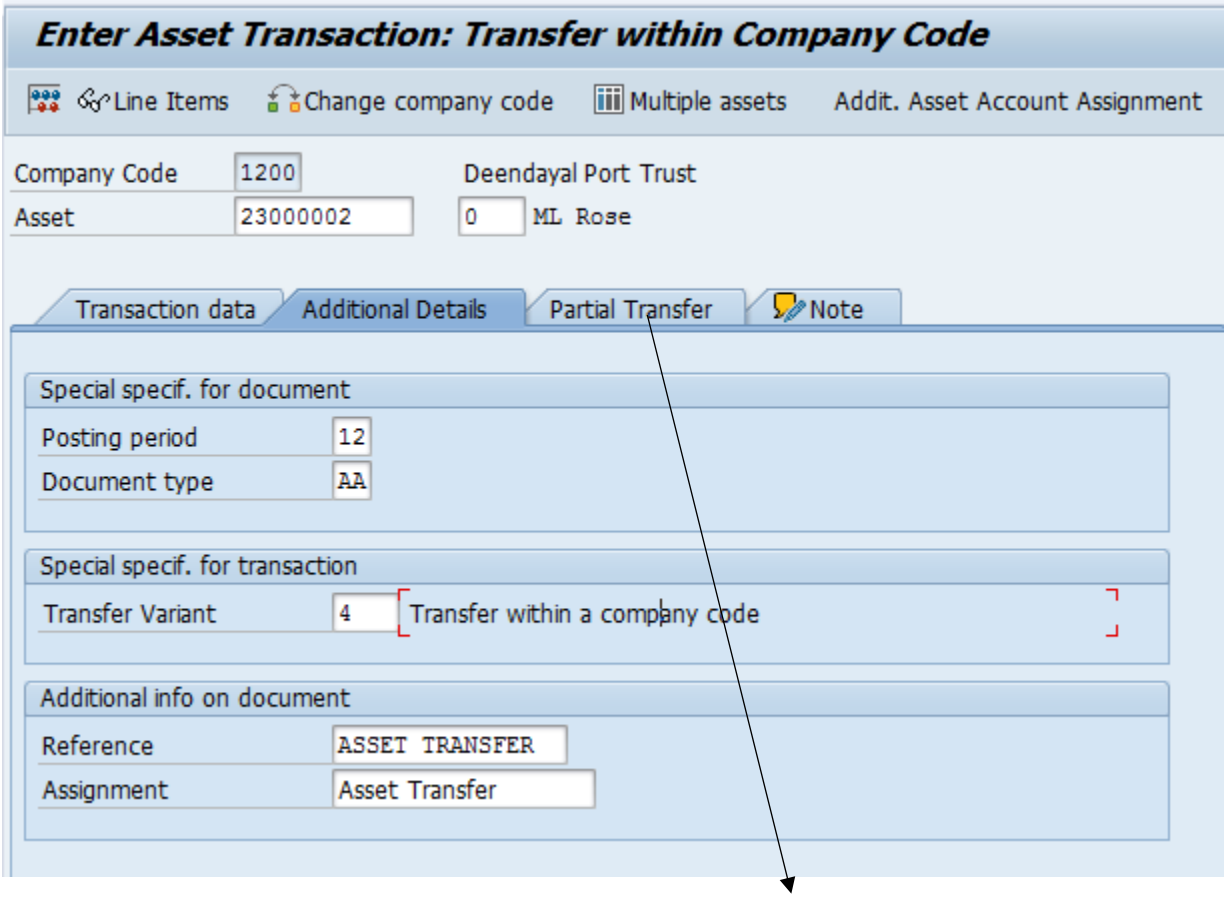

Step 4: Provide the values as shown above and click on **"Partial Transfer"** tab

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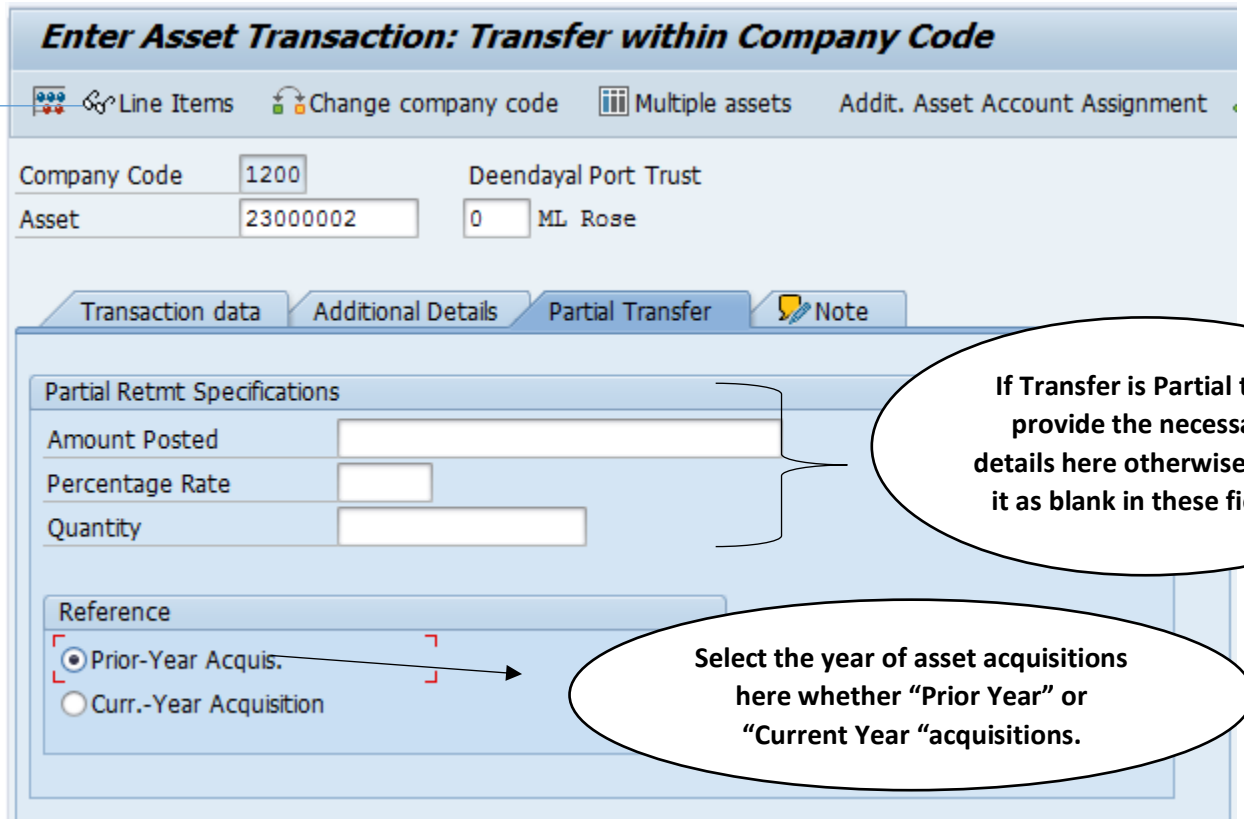

Step 5: Click on **"Line Items"** to check and verify

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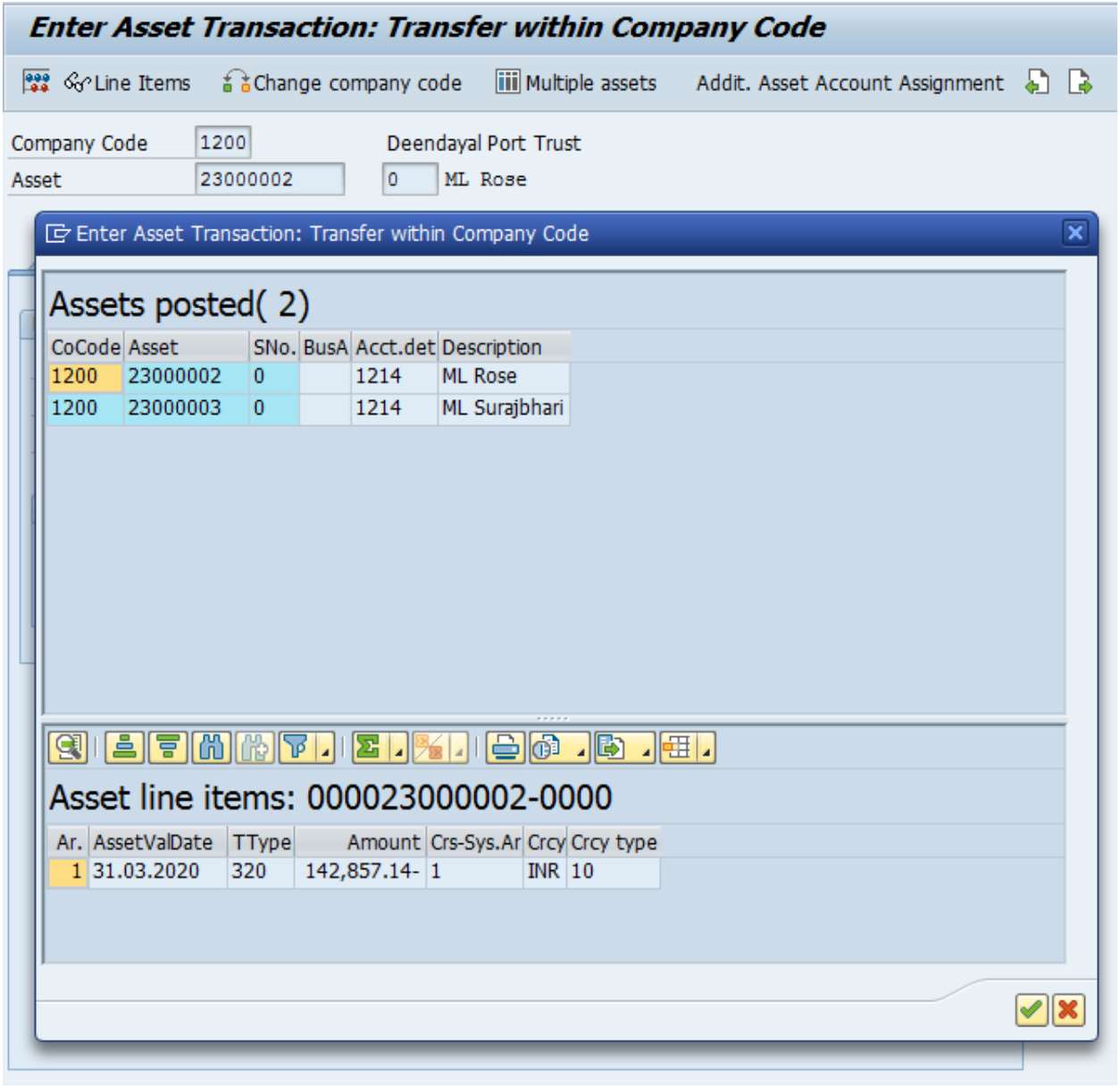

Step 6: Once verified come back to previous screen. To come back click on "**Continue**"

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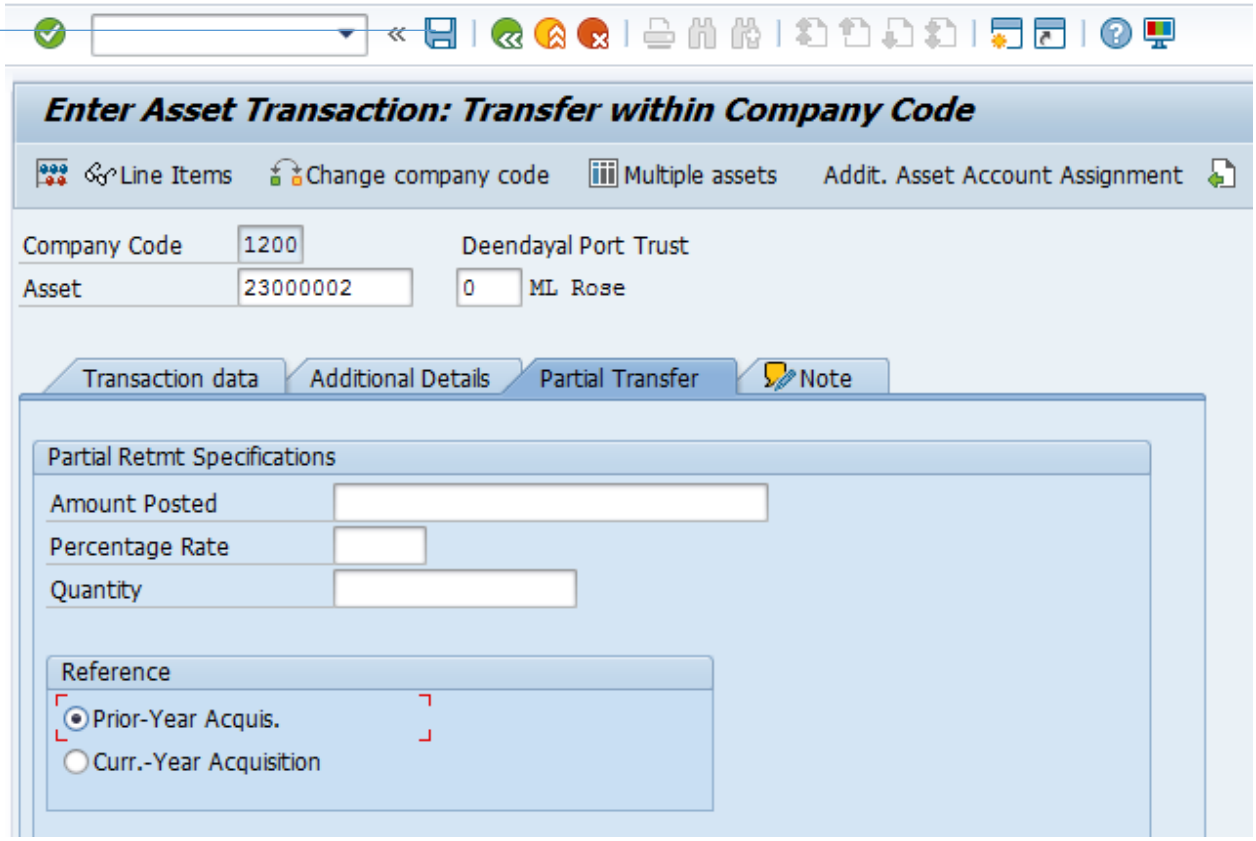
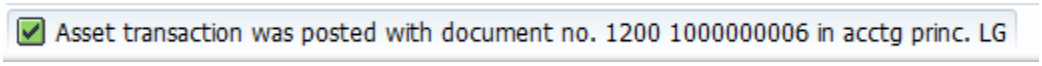


Step 7: Post the transaction. To post click on **"Post"**. Once the transaction posted the system will propose the below message.



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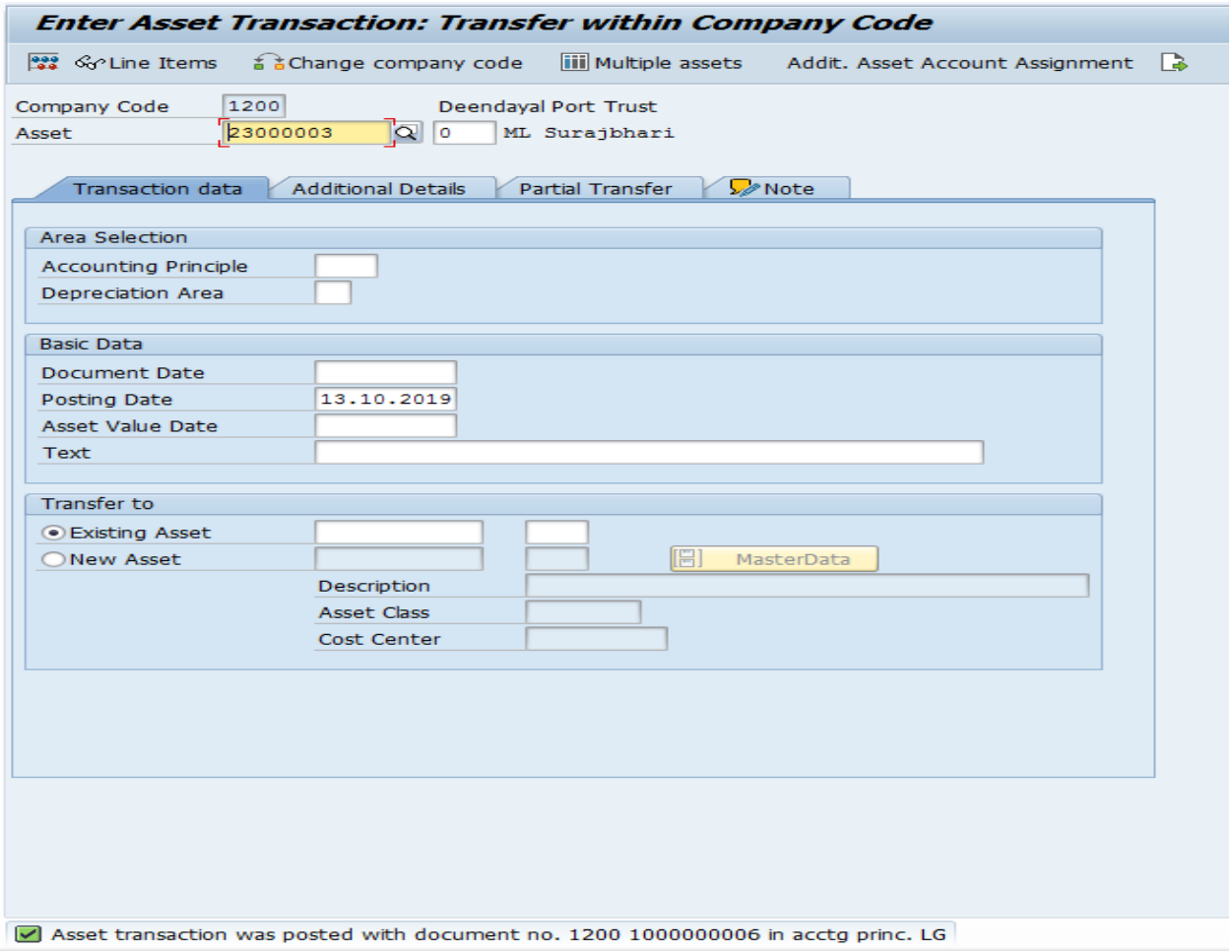

Now go and check in AW01N – Asset Explorer:

Enter Transaction code AW01N in command bar (or) Follow the below navigation path

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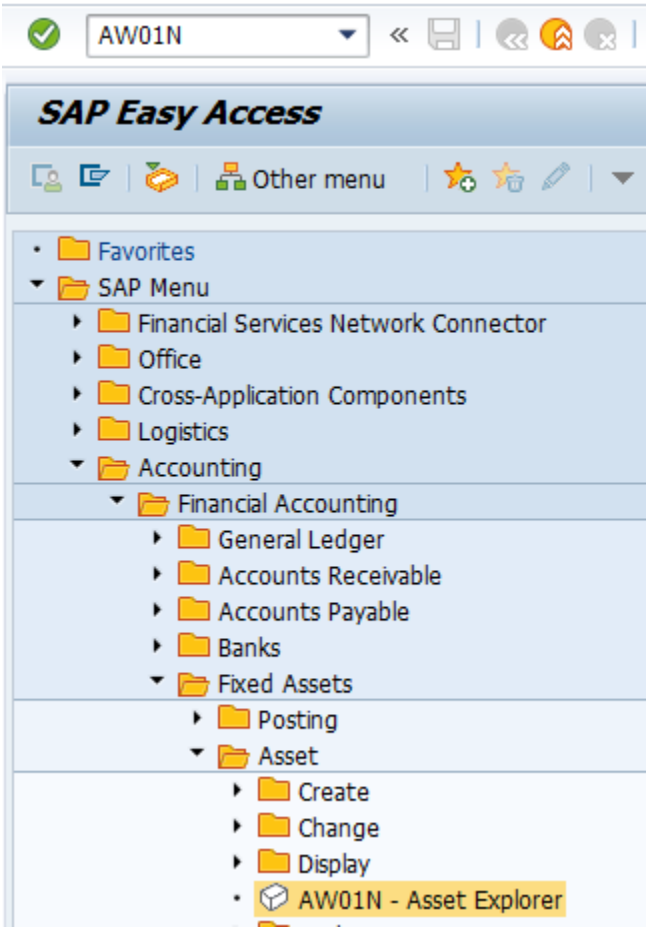

Double click on **"AW01N"** the system will open the below screen (23000002 – Source Asset - Sending Asset)

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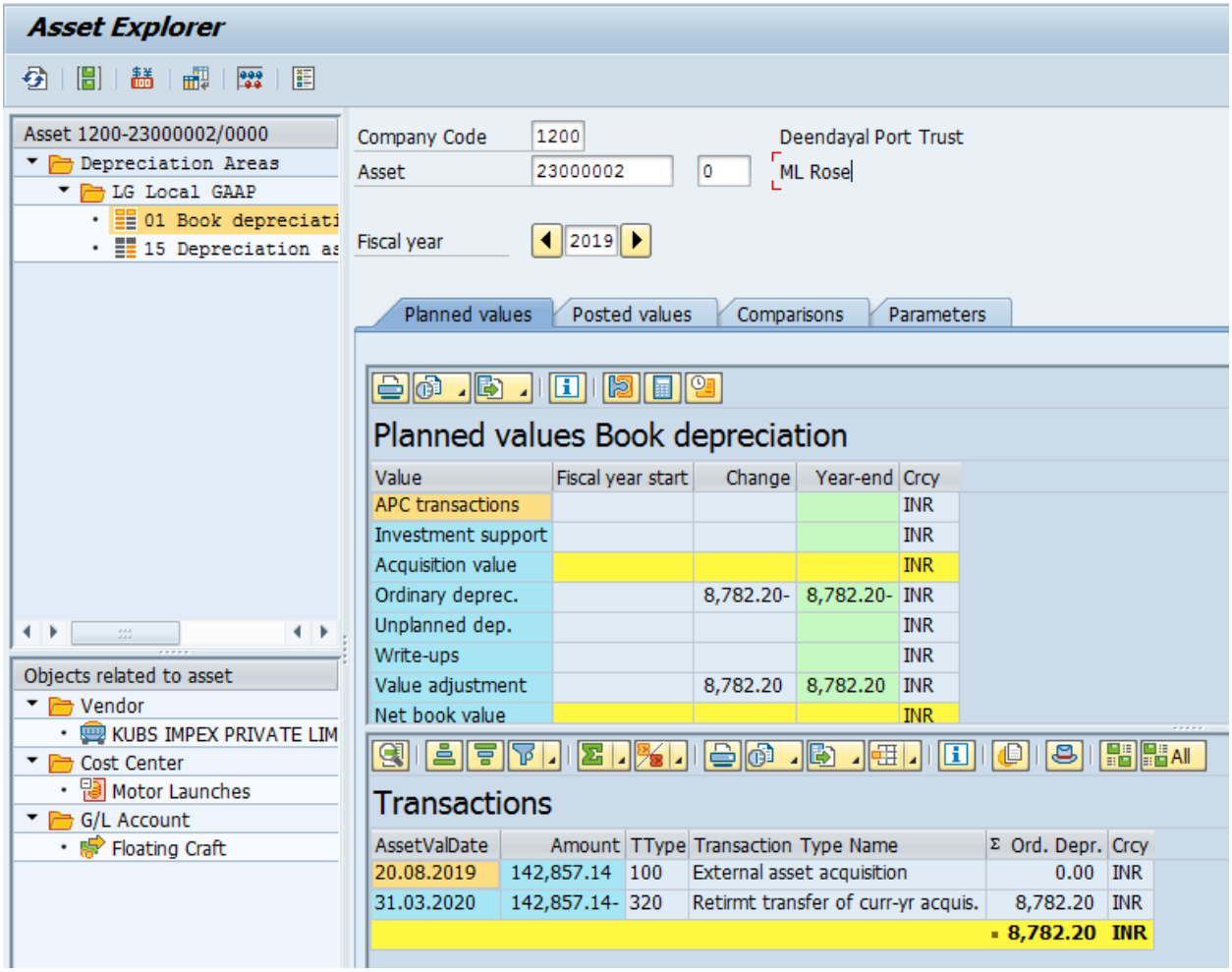

As per the above screen shown, after the asset transferred the source asset (Sending Asset) value is become as zero.

23000003 – Target Asset (Receiving Asset)

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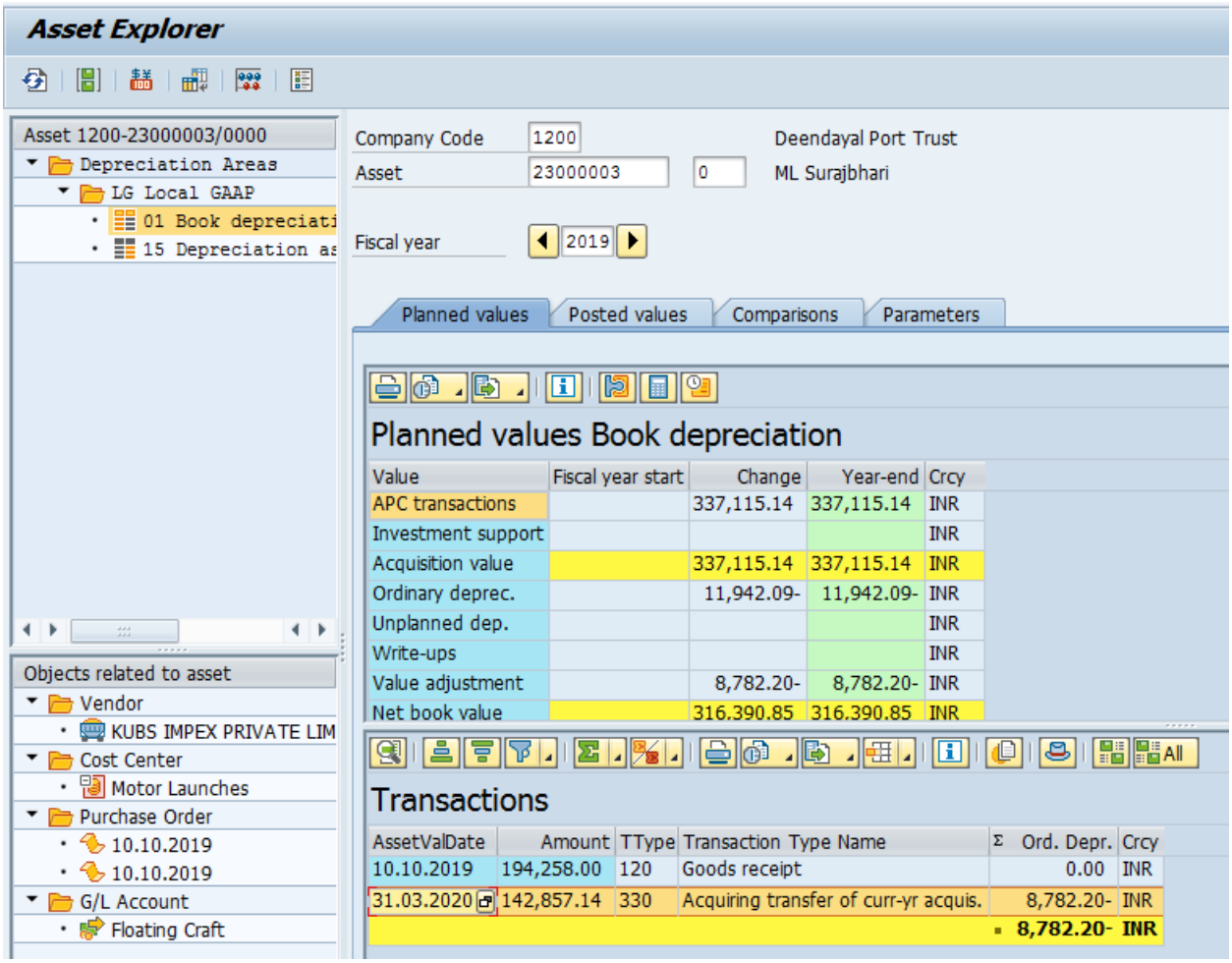

As per the above screen shown, after the asset transferred the asset value is transferred from source asset (sending asset) to target asset (receiving asset).

AS03 – Asset Display (To view the source asset (sending asset) after asset transfer.

Step 1: Enter Transaction code **AS03** in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Display → Asset (**AS03)**

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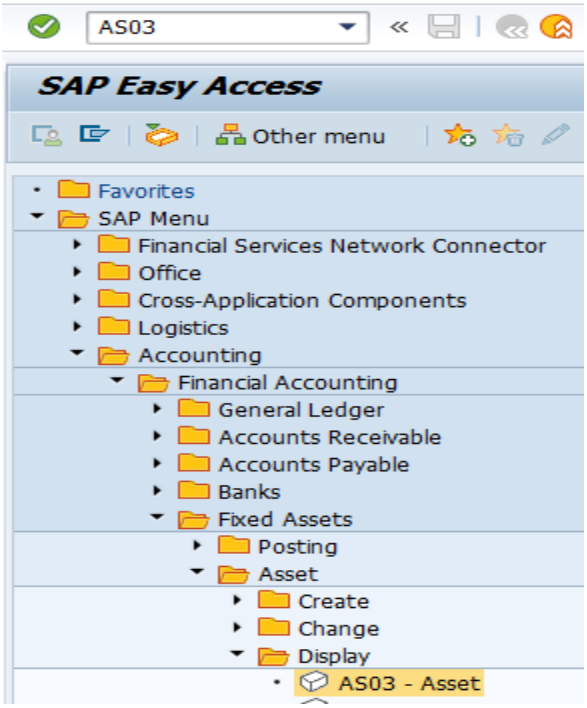

Double click on "**AS03**" the system will display the required Asset details.

4. Asset Sale with customer:

Business Scenario:

When the business is decided to sale the asset to customer that time we can use the below transaction code to sale the asset to customer.

F-92 – Asset Sale with Customer:

Step 1: Enter Transaction code F-92 in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Posting → Retirement → Retirement w/Revenue → F-92 With Customer

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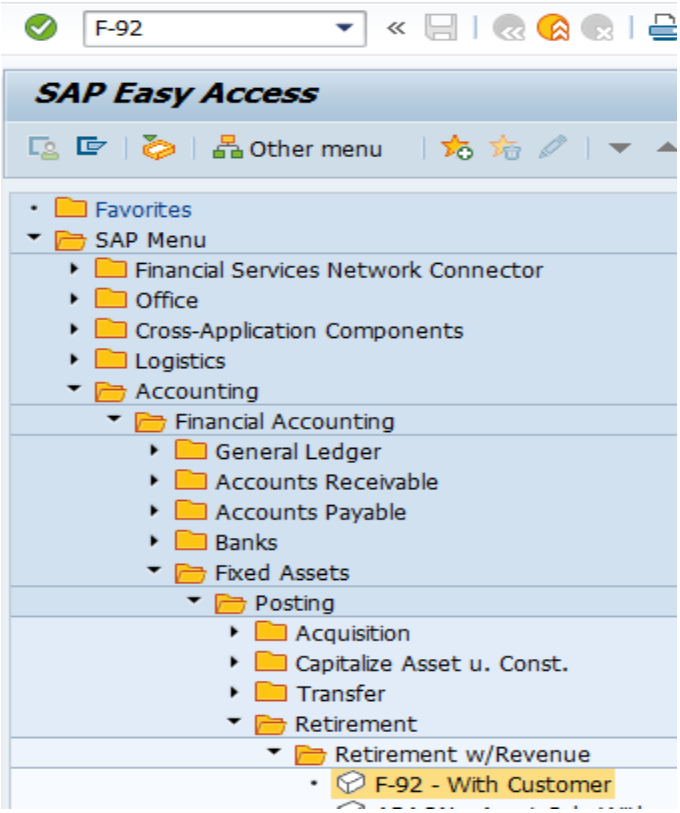

Step 2: Double click on **"F-92"** the system will open the below screen

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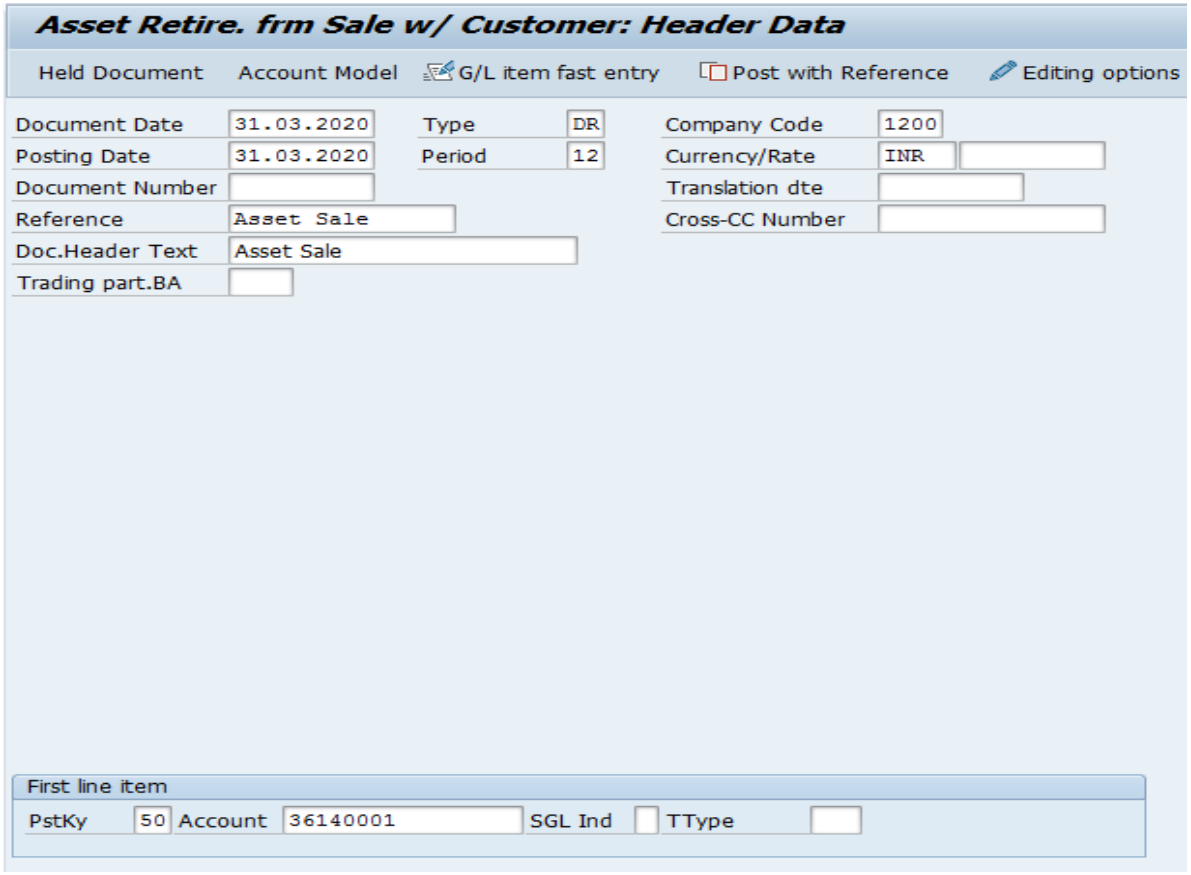

Step 3: Provide the values as shown above and press enter

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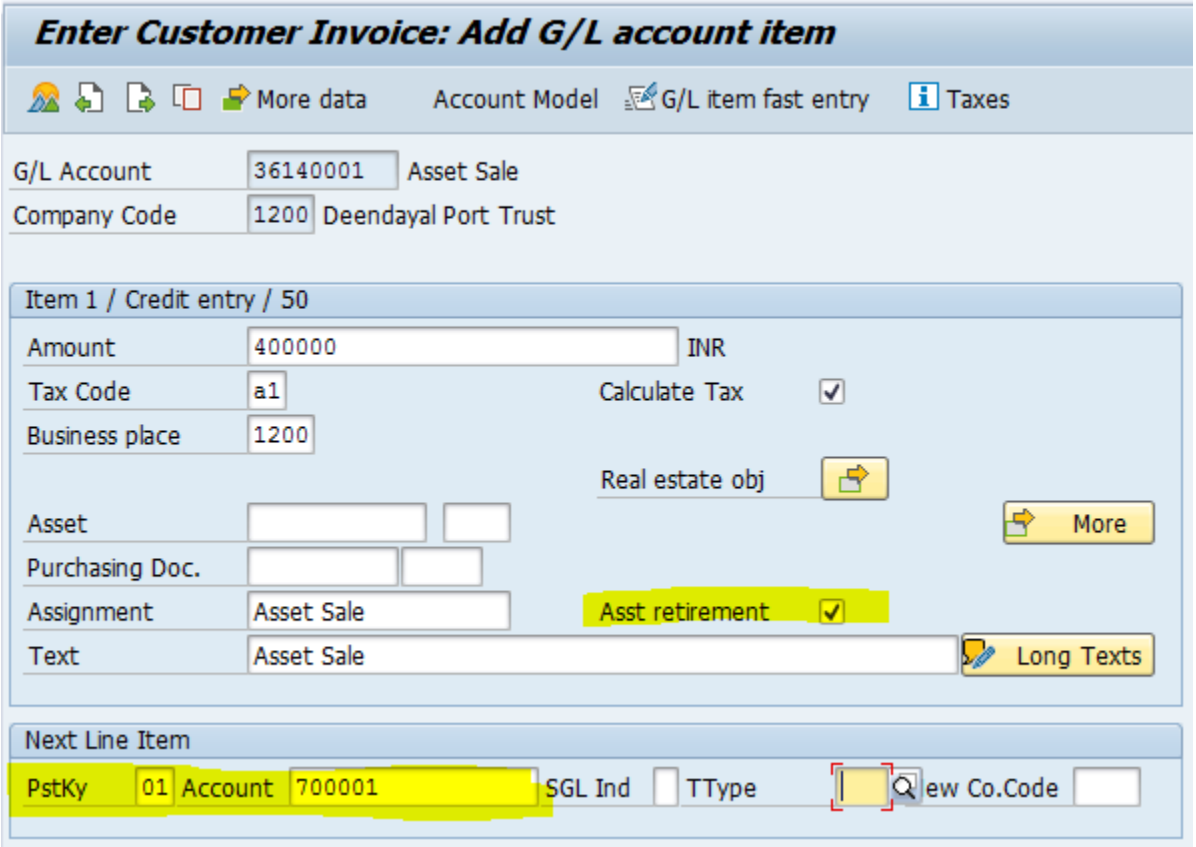

Step 4: Provide the values as shown above and press enter the system will open the below screen

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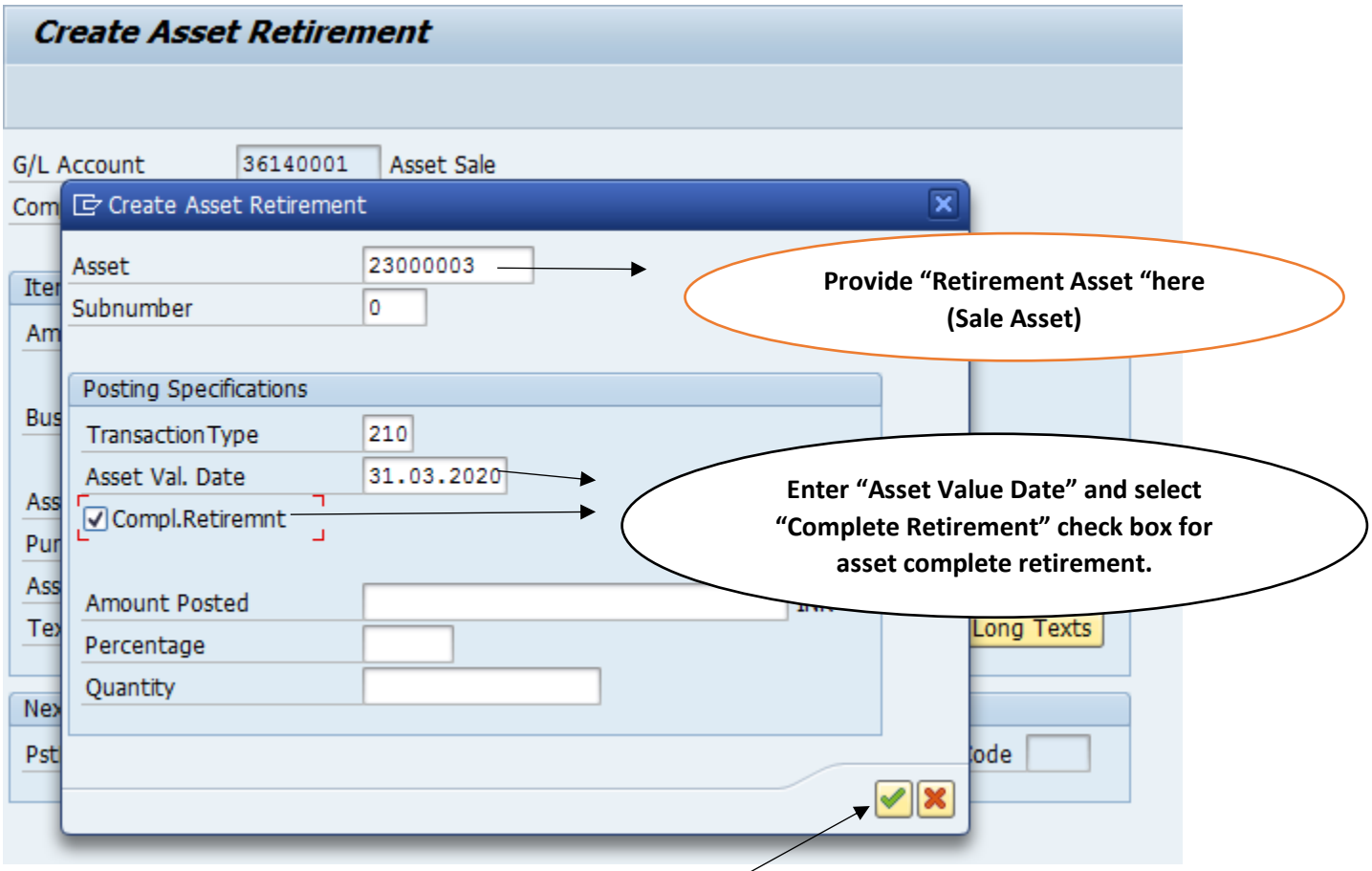

Step 5: Provide the values as shown above and click on **"Continue"** the system will open the below screen

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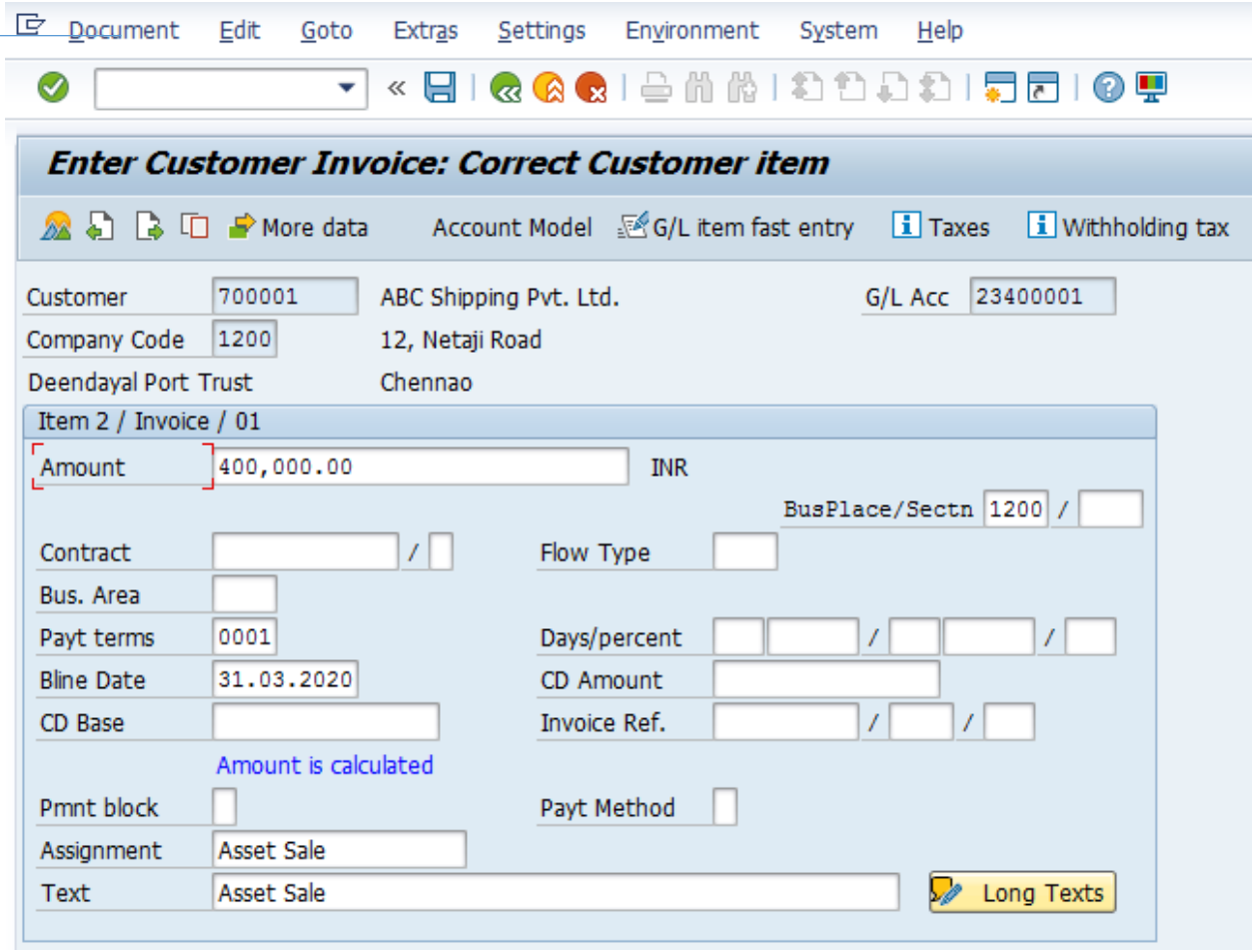

Step 6: Provide the values as shown above and go to menu bar and click on **"Document"** and click on "**Simulate**"

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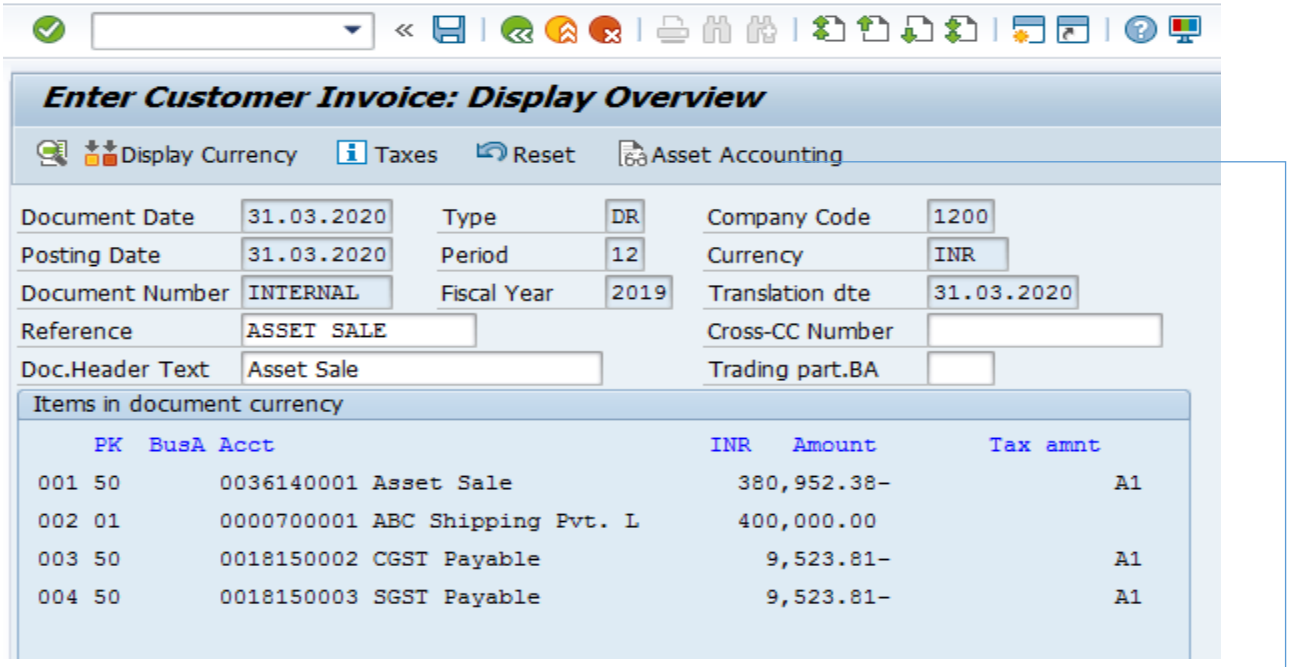
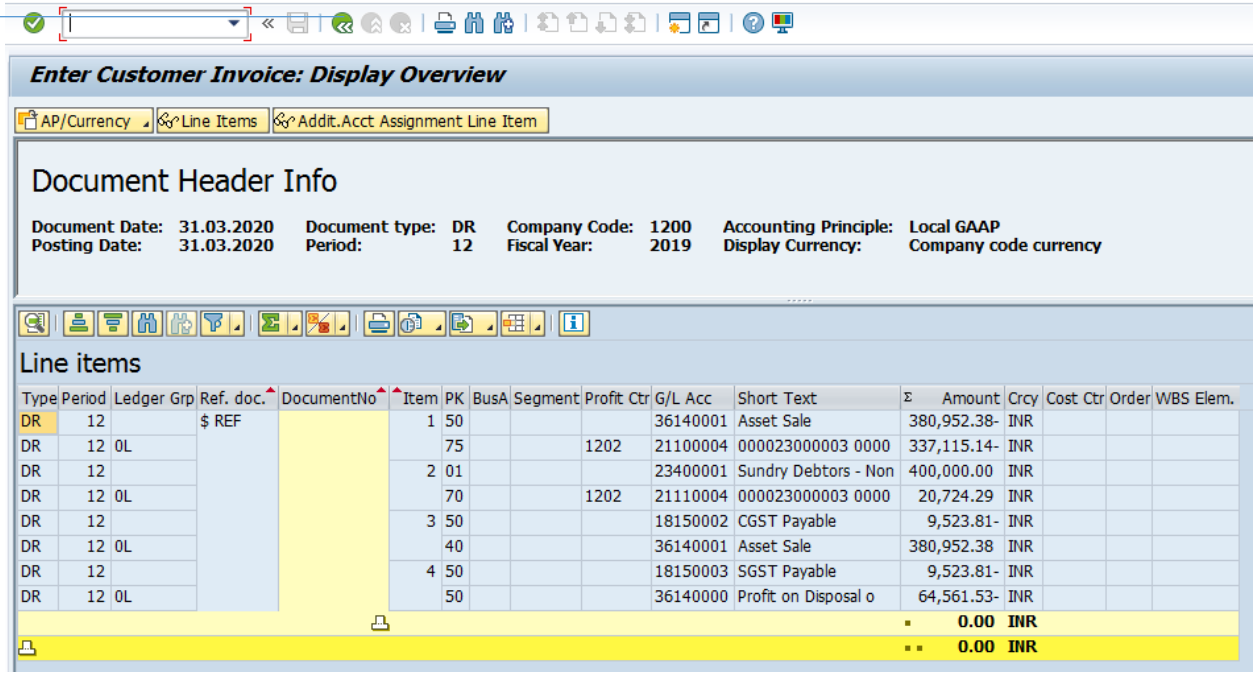


Step 7: Check and verify the line items and click on **"Asset Accounting"** to view the more information's about sale of asset entries.



Step 8: Come back to previous screen. To come back click on **"Back Arrow"** button.

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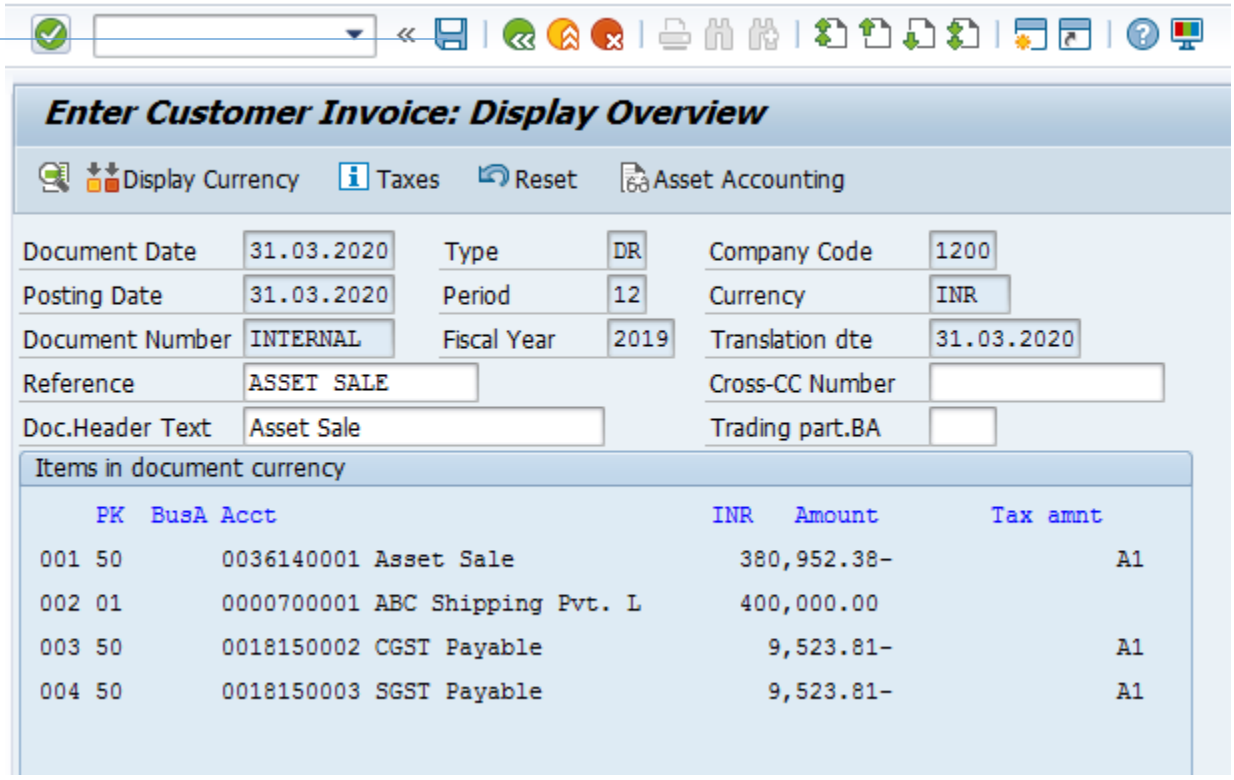
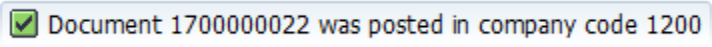


Step 9: Post the Transaction. To post click on **"Post".** Once the transaction posted the system will propose the below message.



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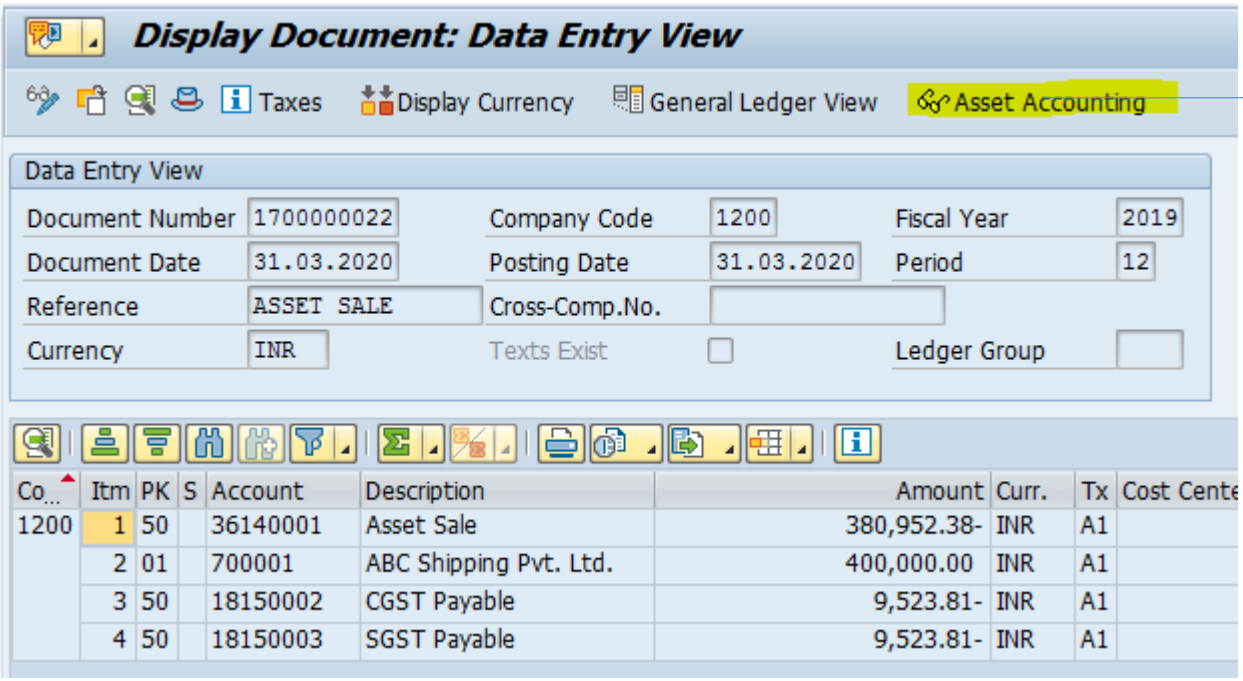
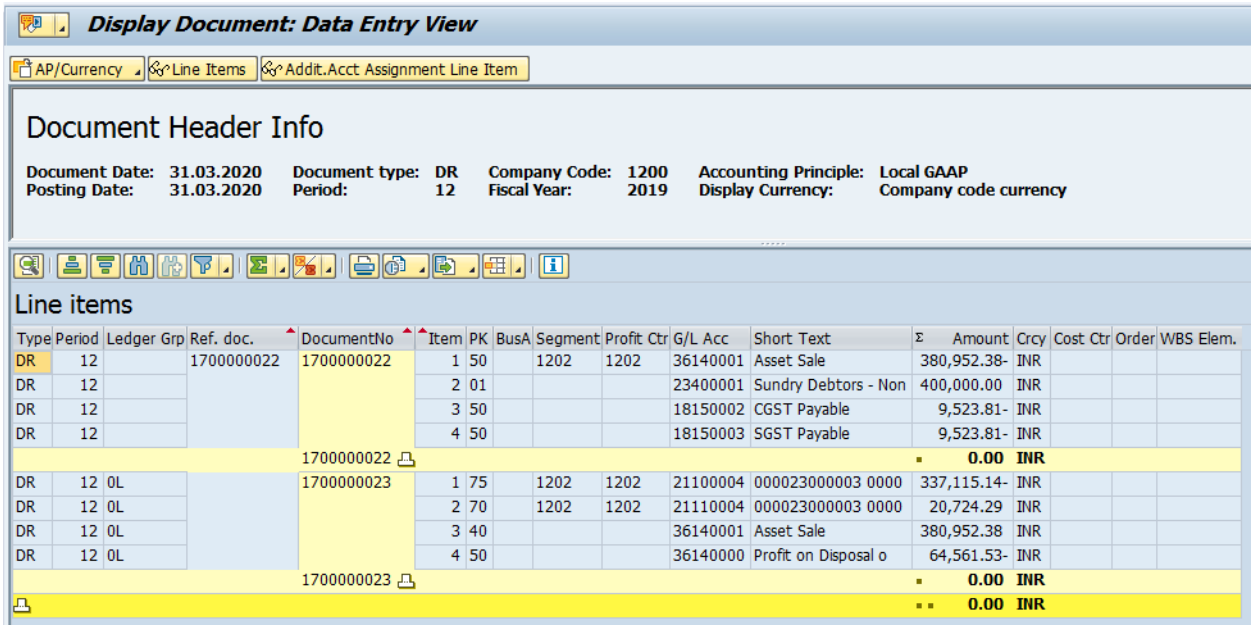
Display of posted document:

To display the document posted.



Click on **"Asset Accounting"**



Now go and check in **AW01N** – Asset Explorer: Follow the following path.

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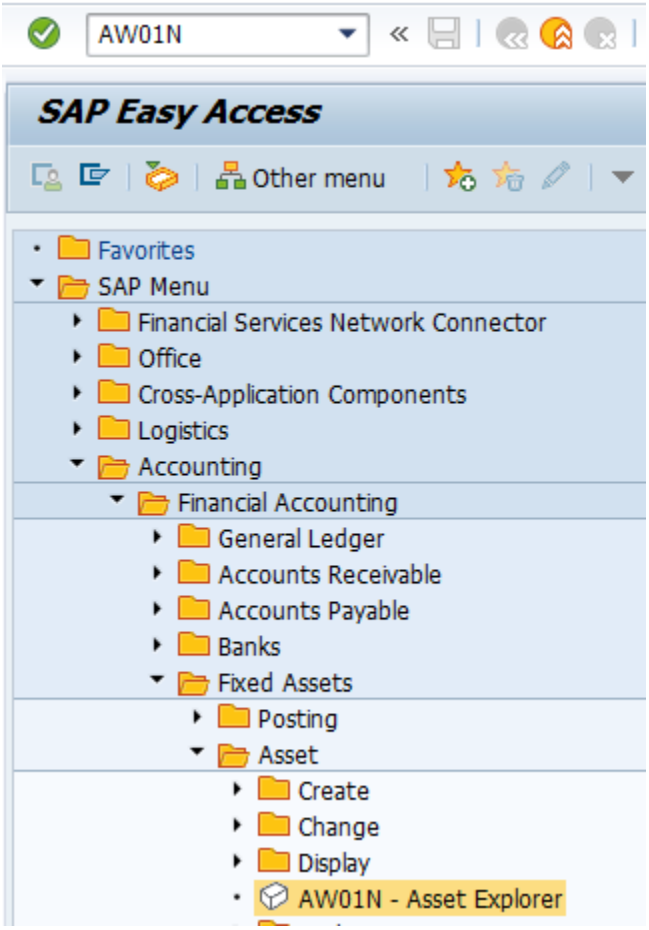
Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Asset Explorer (**AW01N**)



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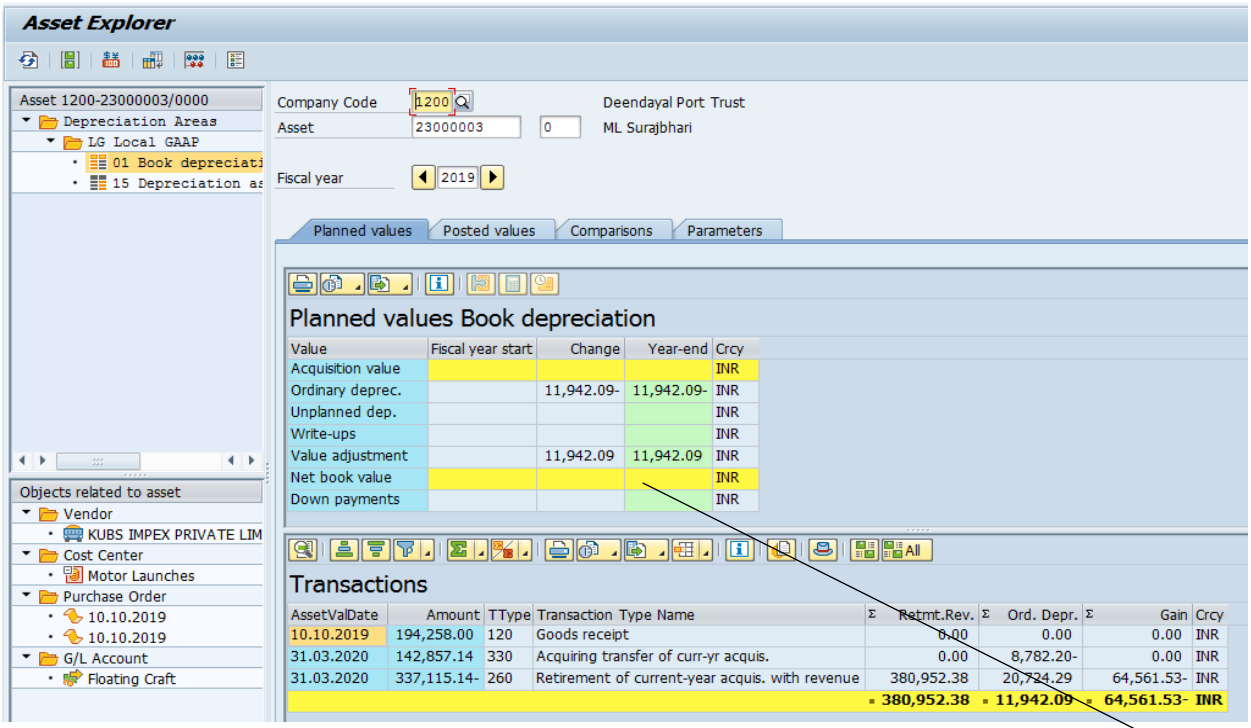

As per the above screen shown, after the asset sale to customer the asset book value is become as **Zero.**

AS03 – Display of Asset (To view the asset master after asset sales to customer)

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Display → AS03 (Asset)

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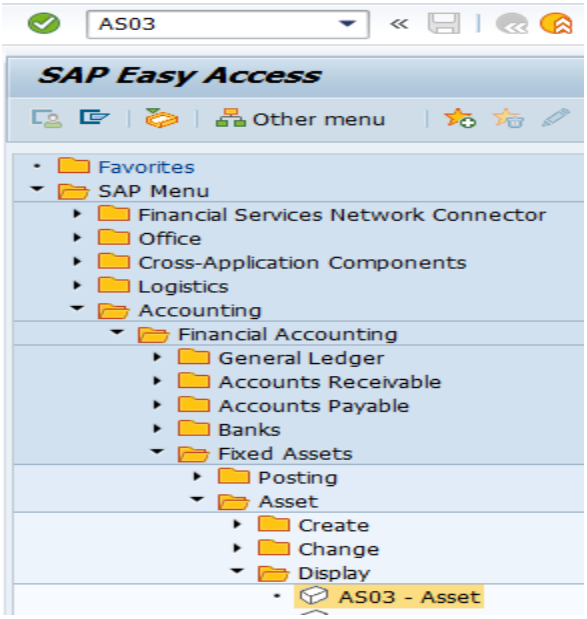
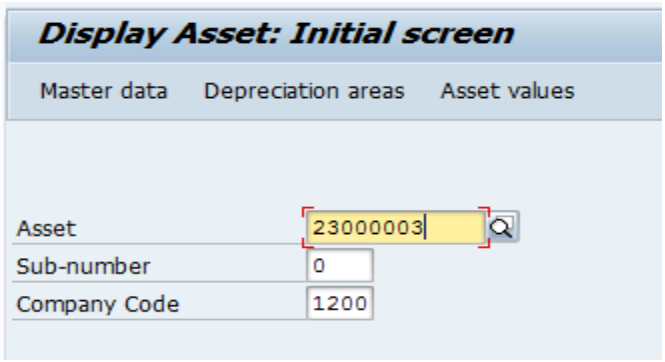


In the next screen, enter the required details



Provide the values as shown above and click on **"Master Data"**

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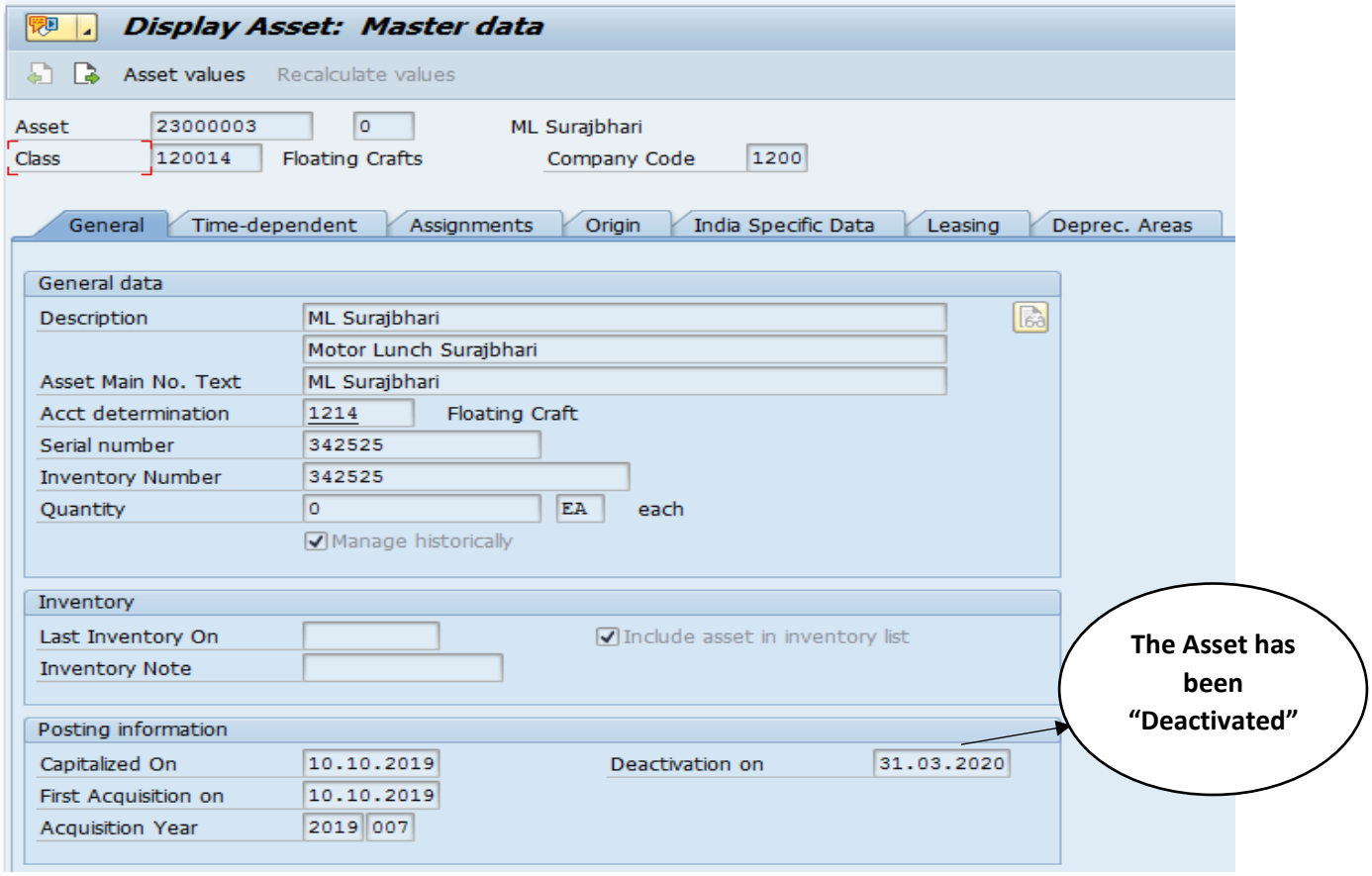

As per the above screen shown, the asset has been **"Deactivated"** after the asset sale to customer.

5. Asset Sale without customer:

Business Scenario:

When the business want to sell a fixed asset to customer with GST and Invoice printout for legal purpose, that time first the saleable fixed asset has to be posted in FI by using the transaction asset sale without customer. Later it has to be processed through SD module with some process flow otherwise this transaction is not required.

Use the below transaction code for Asset Sale without Customer:

ABAON - Asset Sale without Customer

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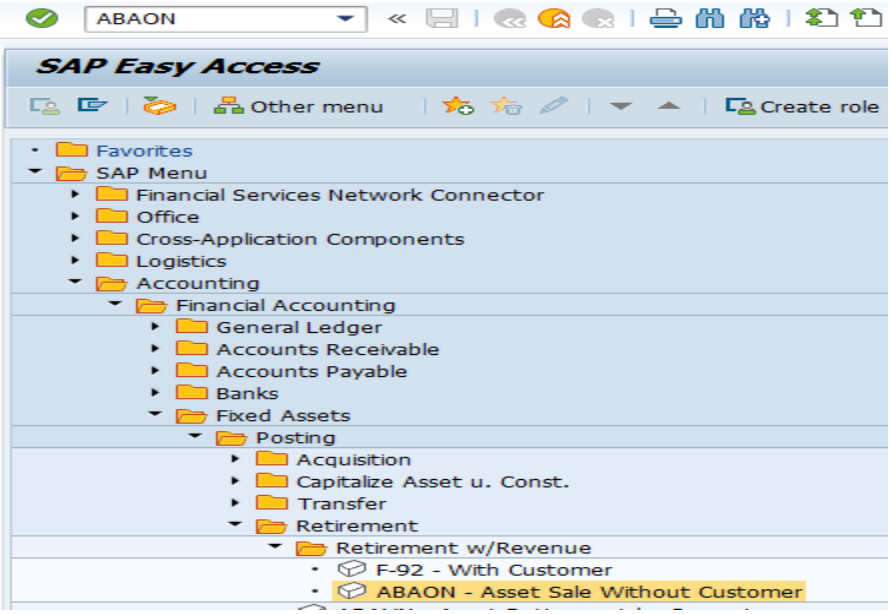
SAP User Manual for Asset Accounting

Step 1: Enter Transaction code ABAON in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Posting → Retirement →Retirement W/Revenue → Asset Sale without Customer (**ABAON**)



Step 2: Double click on "ABAON" the system will open the below screen

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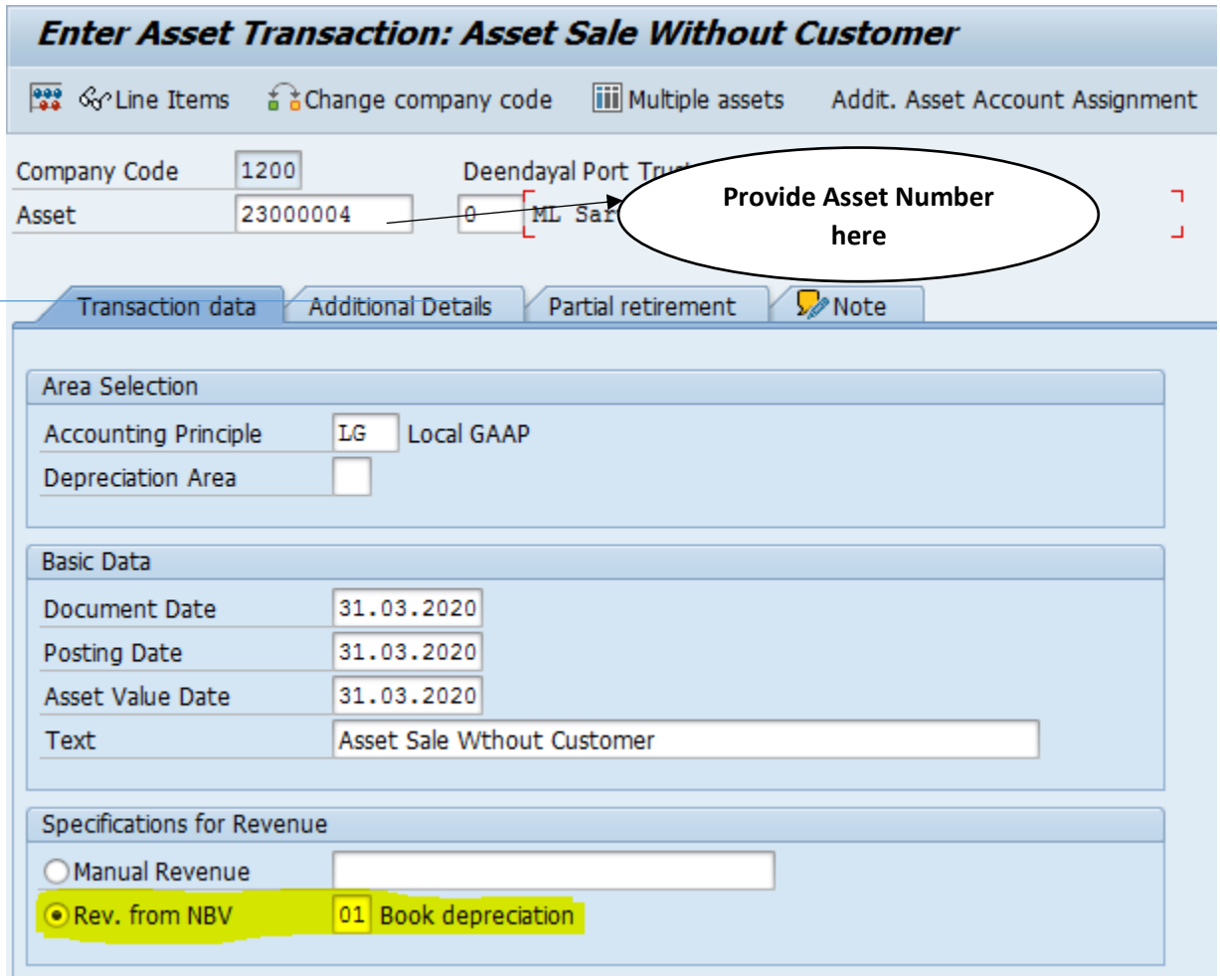

Step 3: Provide the values as shown above and click on **"Additional Details"** tab

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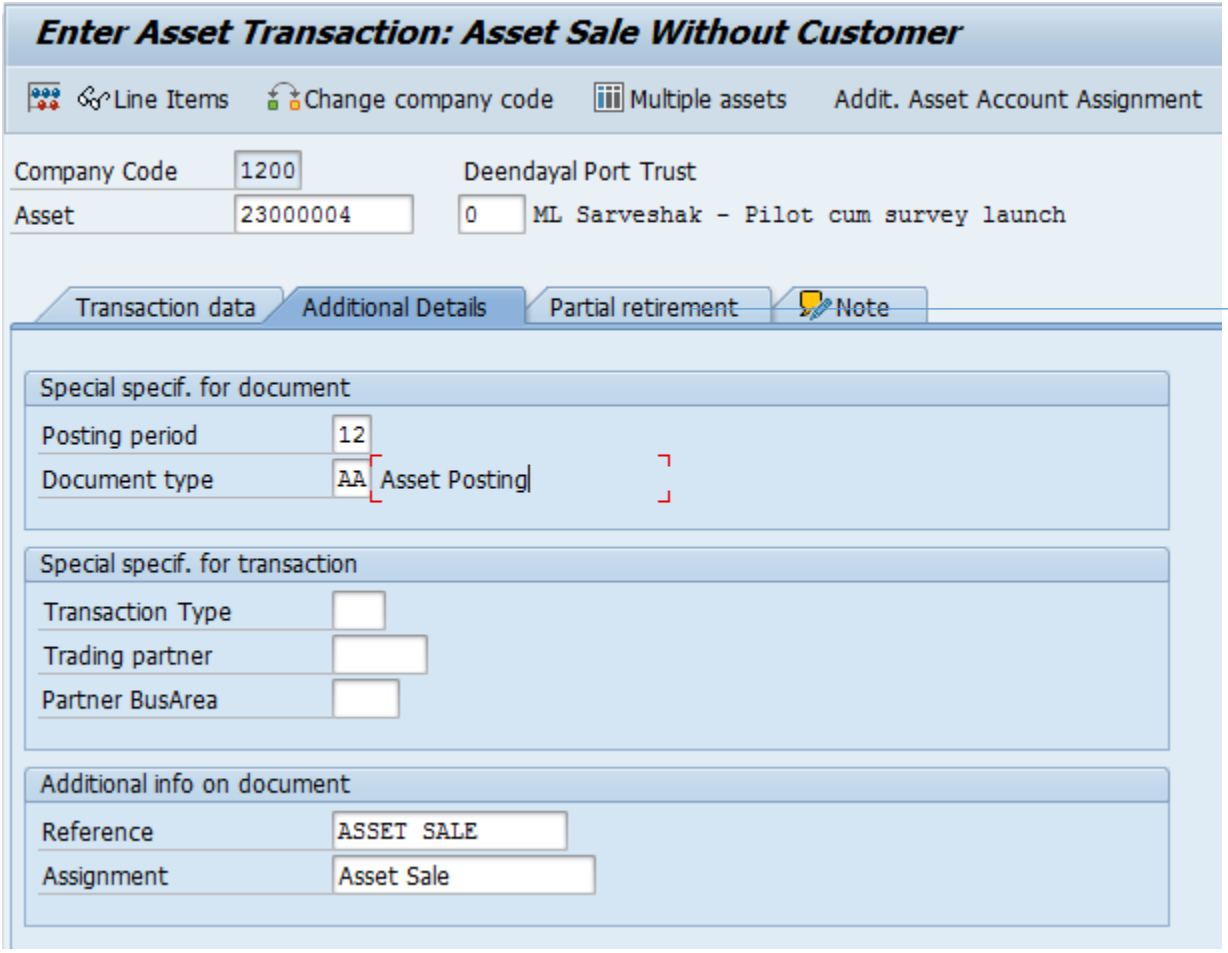

Step 4: Provide the values as shown above and click on **"Partial Retirement"** tab

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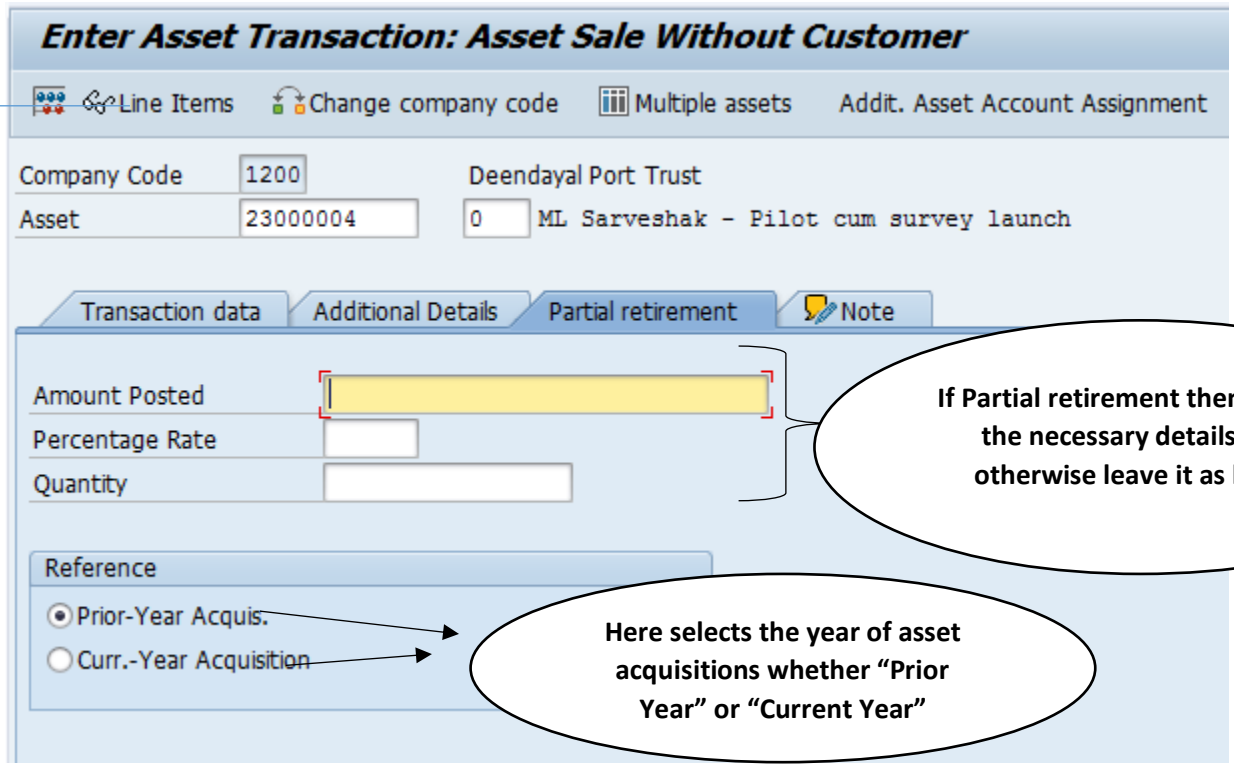

Step 5: Provide the values as shown above and click on **"Line Items"** to verify

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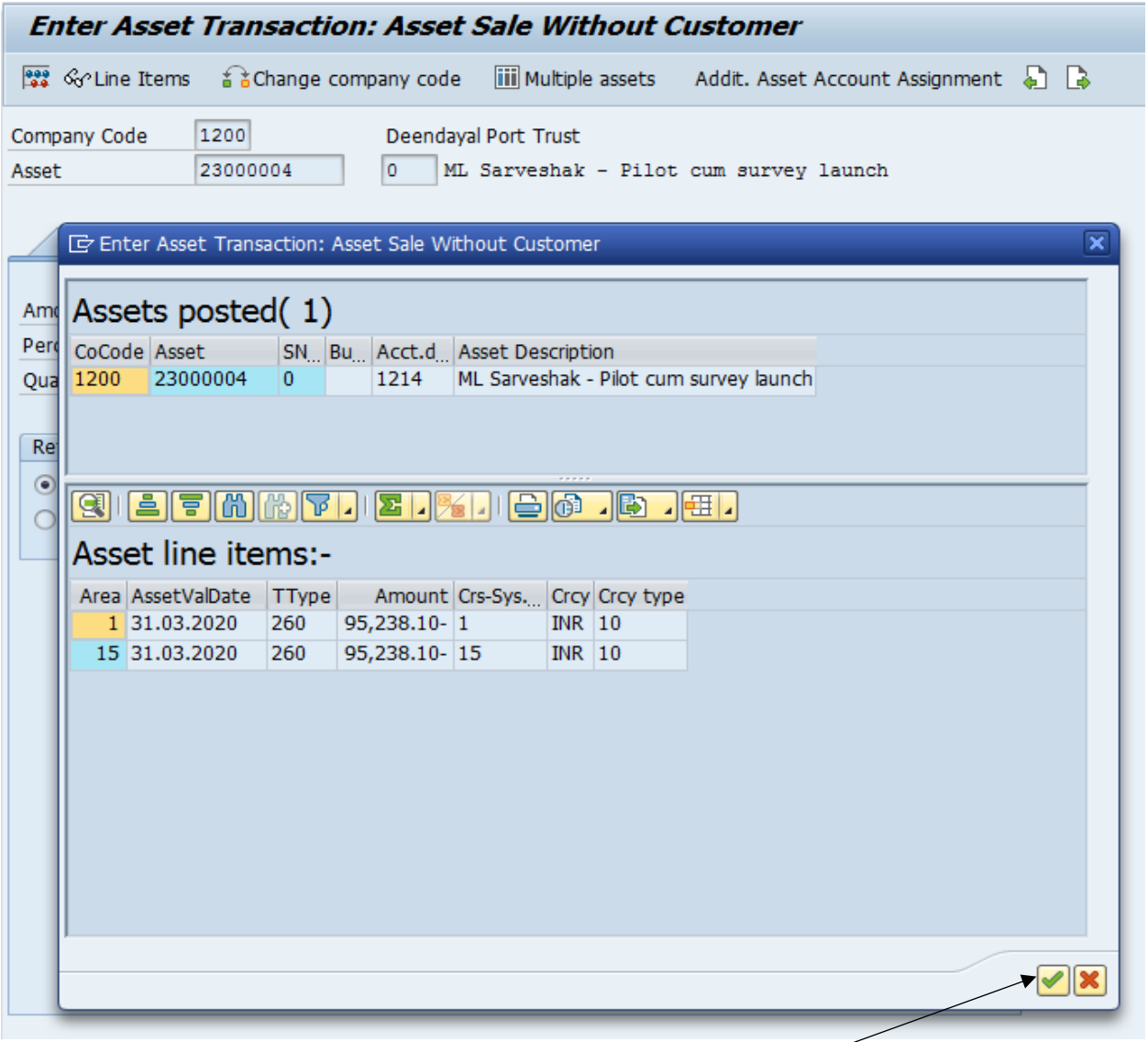

Step 6: Come back to previous screen. To come back click on **"Continue".**

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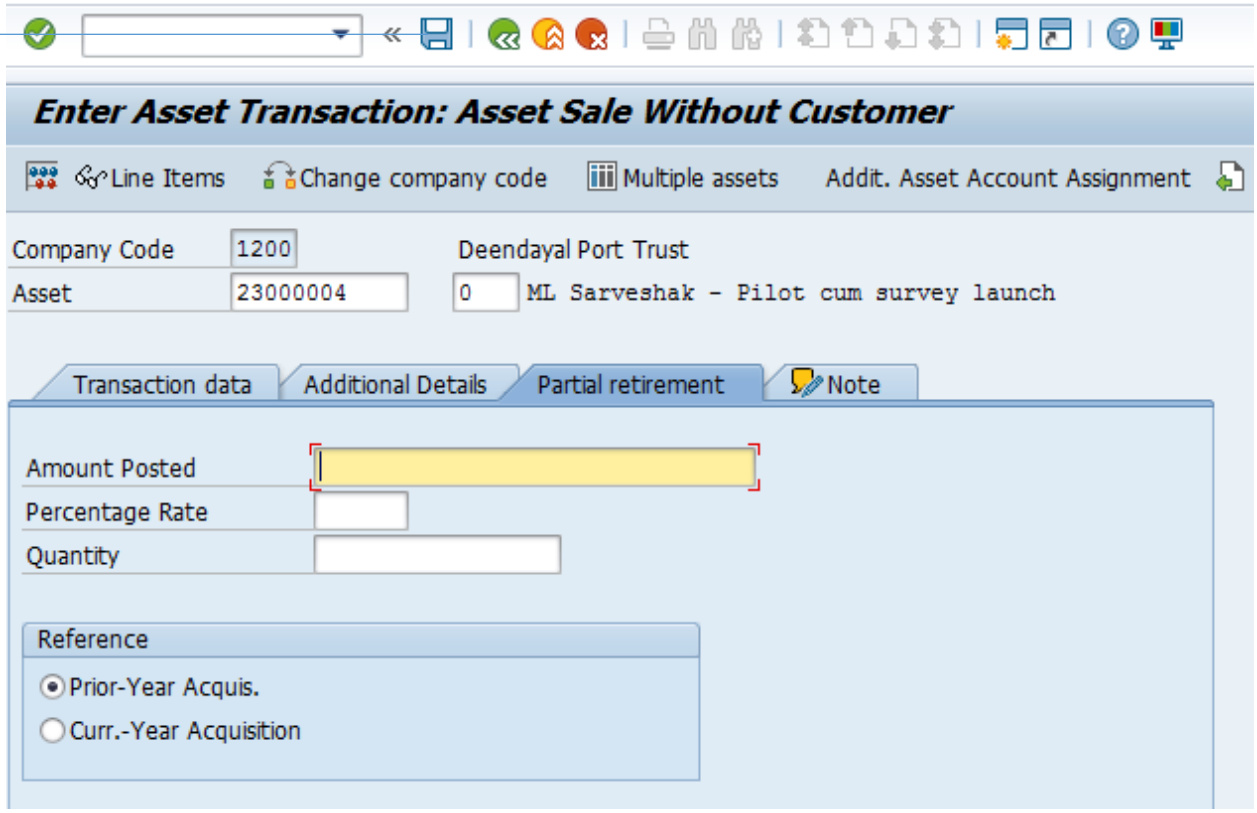
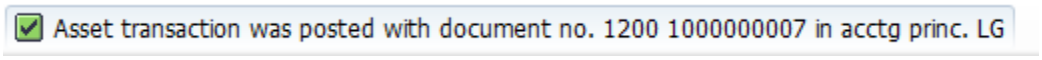


Step 7: Post the Transaction. To post click on **"Post".** Once the transaction is posted the system will propose the below message.



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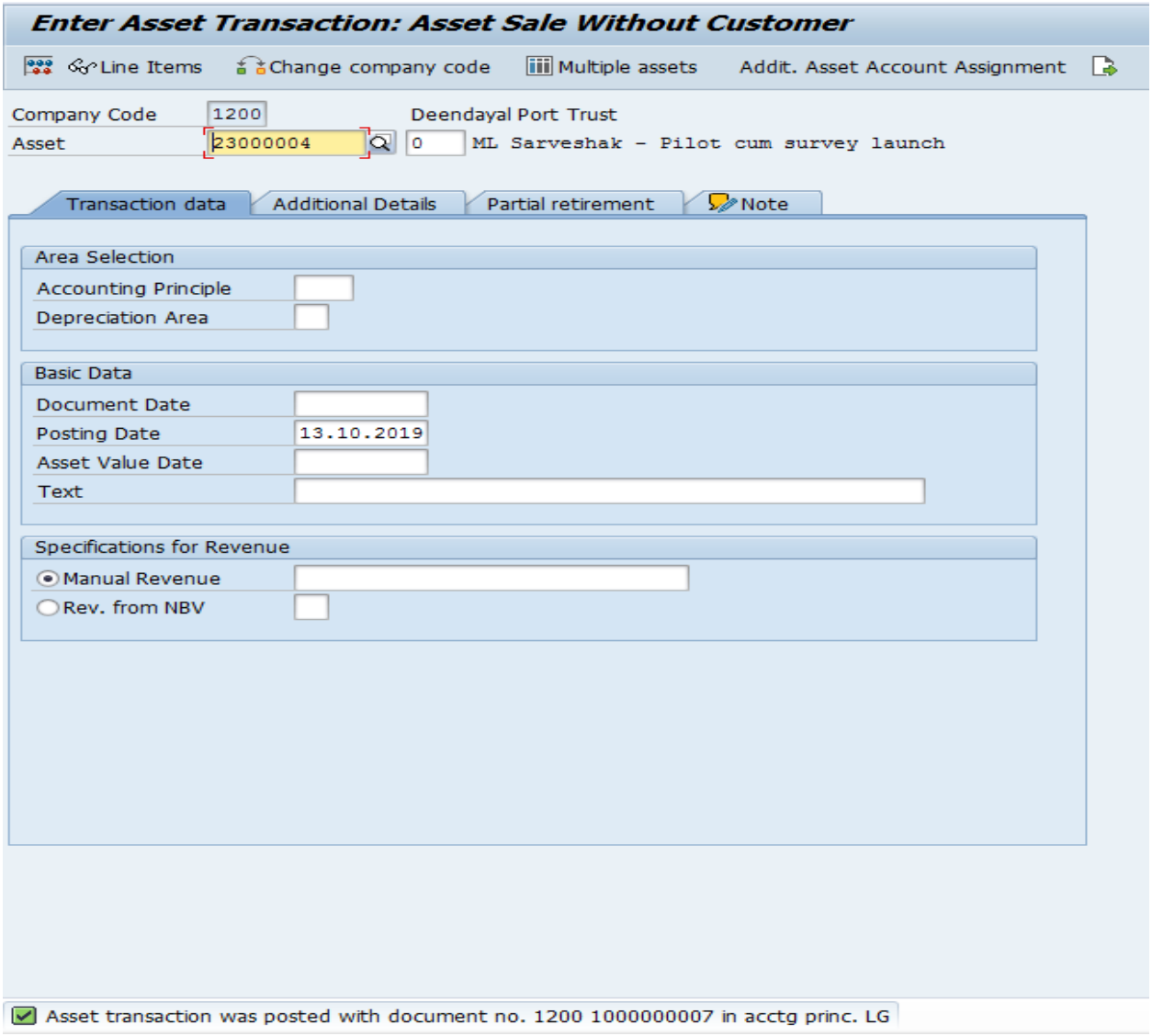

Now can check and ensure in AW01N – Asset Explorer:

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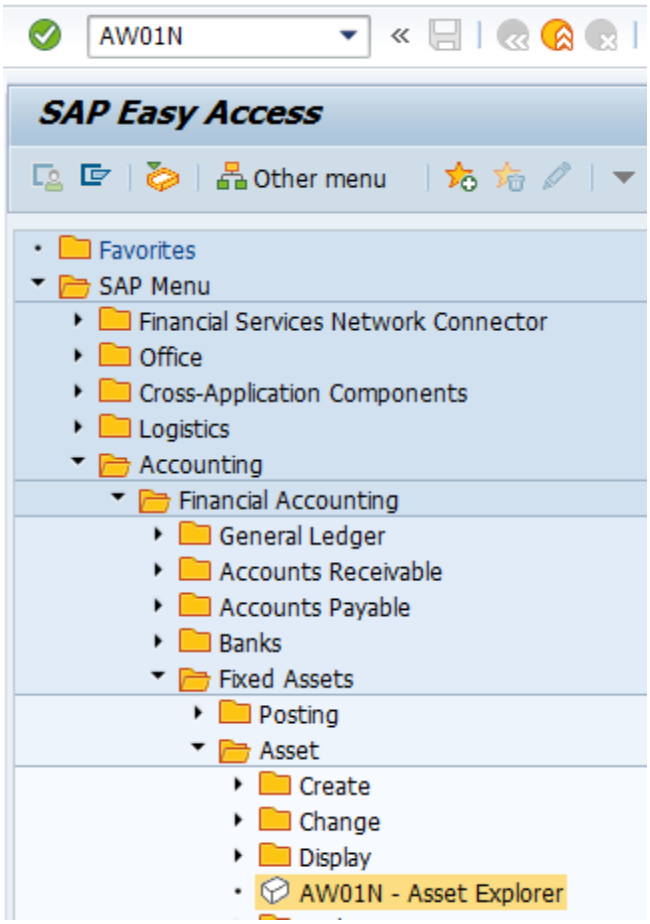
SAP User Manual for Asset Accounting

Please follow the path or give **AW01N** in Menu bar

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Asset Explorer (**AW01N**)



Double click on “AW01N” the system will open the below screen

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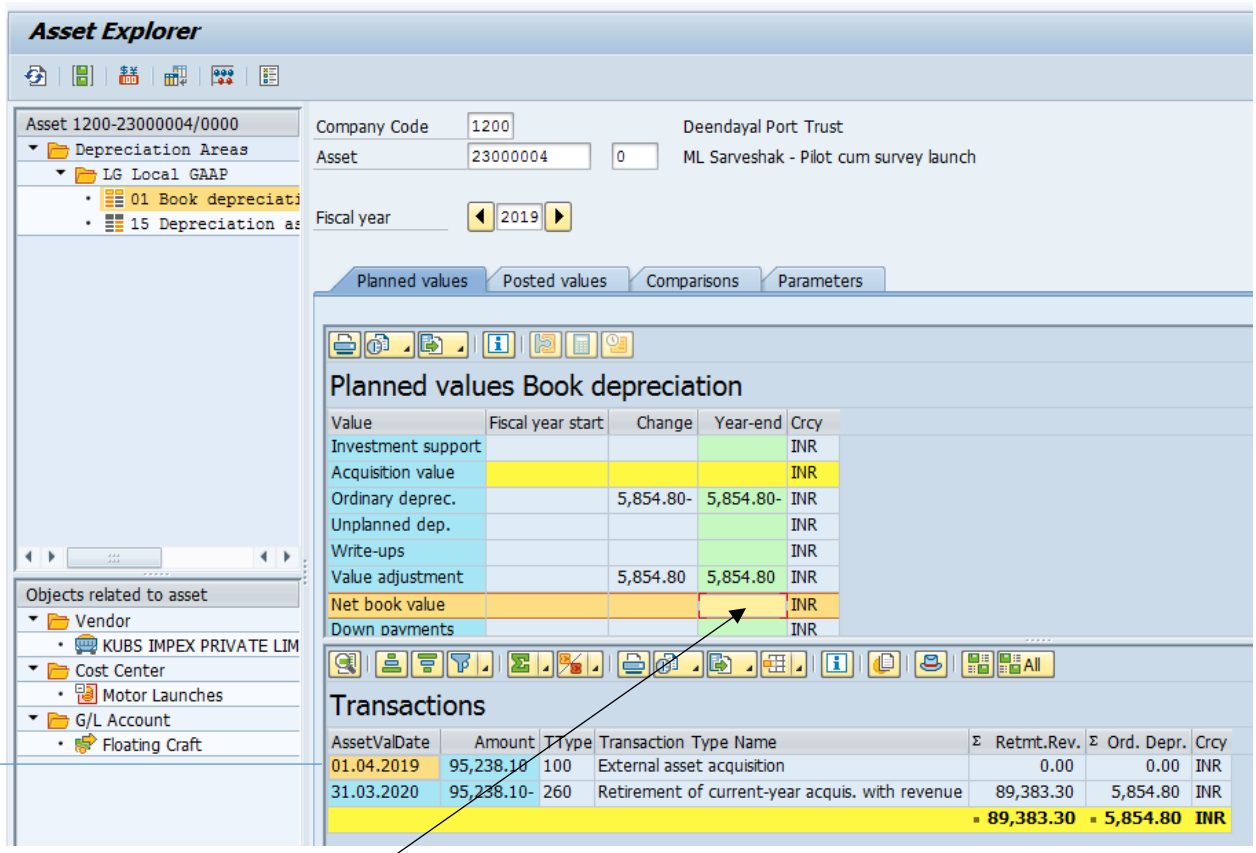

As per the above screen shown, after the asset sale without customer process done the asset value is become as **Zero.**

Double click on **"Line Item"** to view the related Accounting Document.

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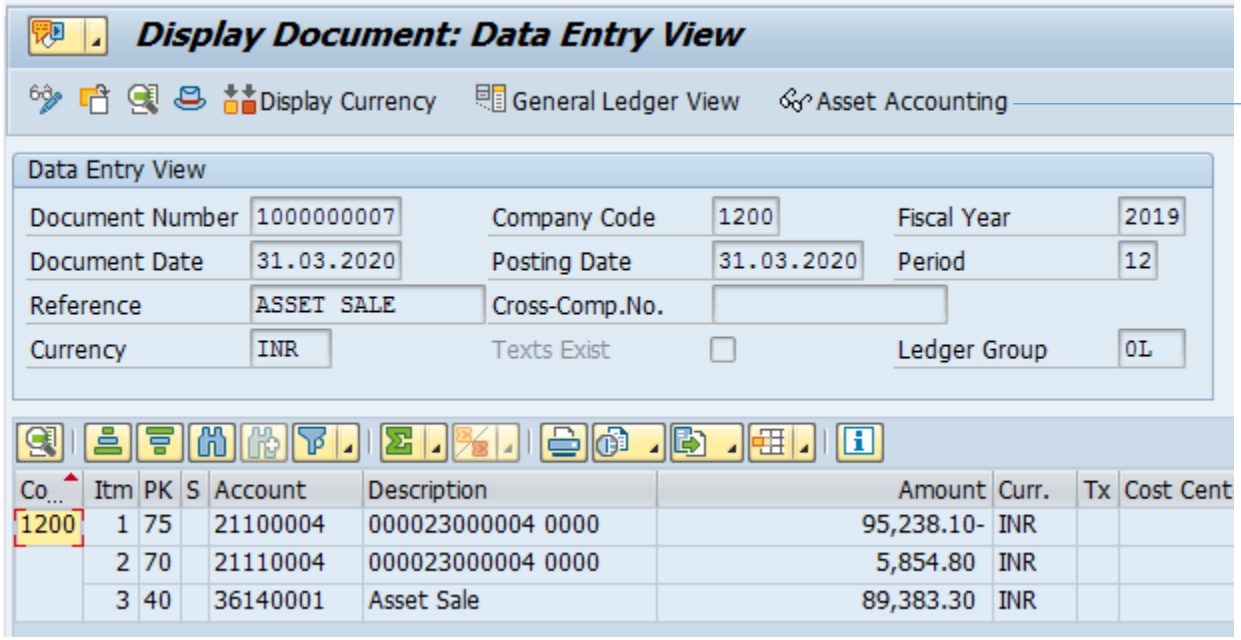
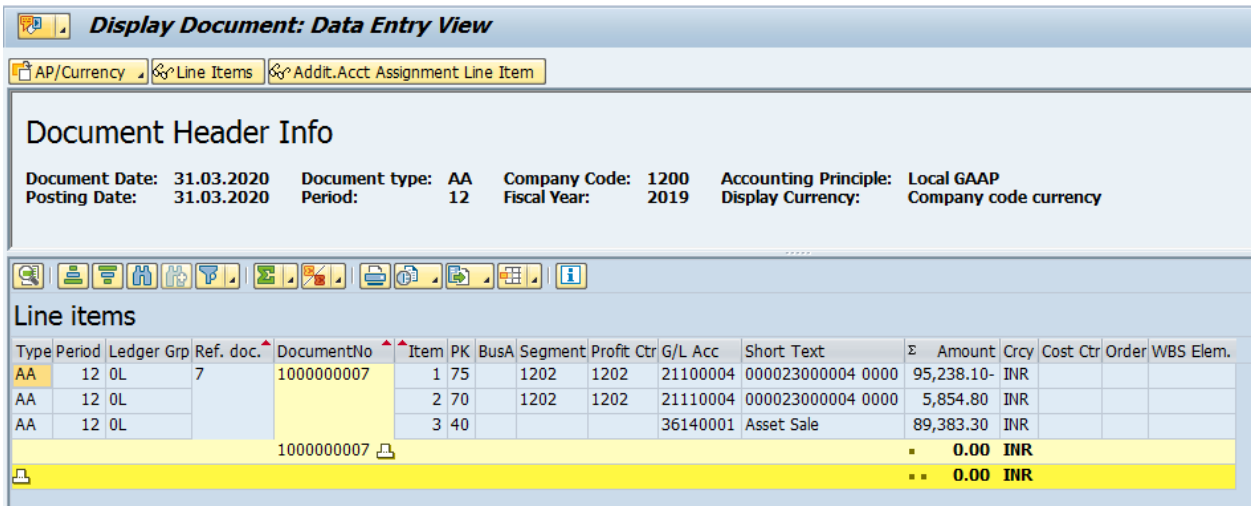


Double click on **"Asset Accounting"** to view the more information.



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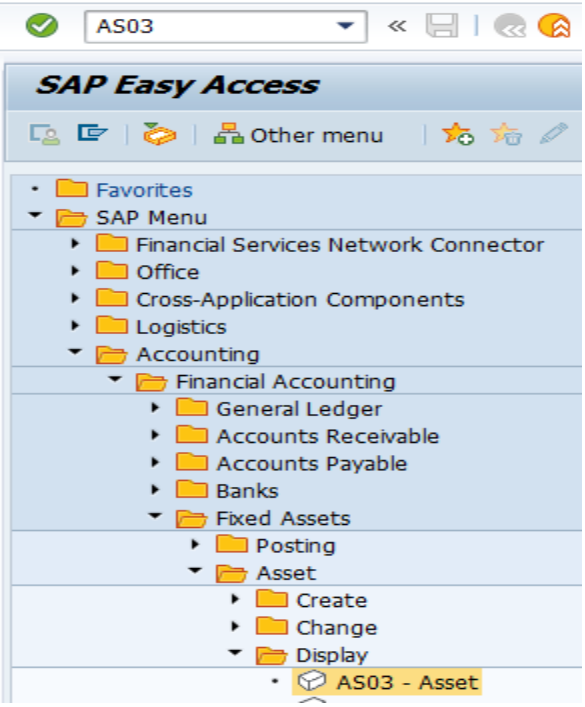
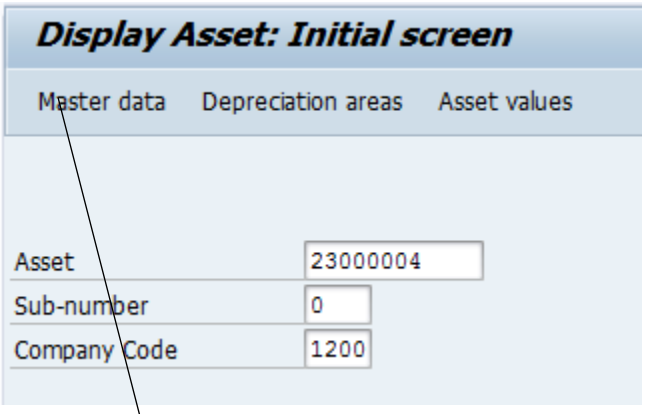
AS03 – Asset Display (To view the asset master after the asset sale without customer process done).

Step 1: Enter Transaction code AS03 in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Display → Asset (**AS03**)



Step 2: Double click on "**AS03**" the system will open the below screen



Step 3: Provide the values as shown above and click on **"Master Data"**

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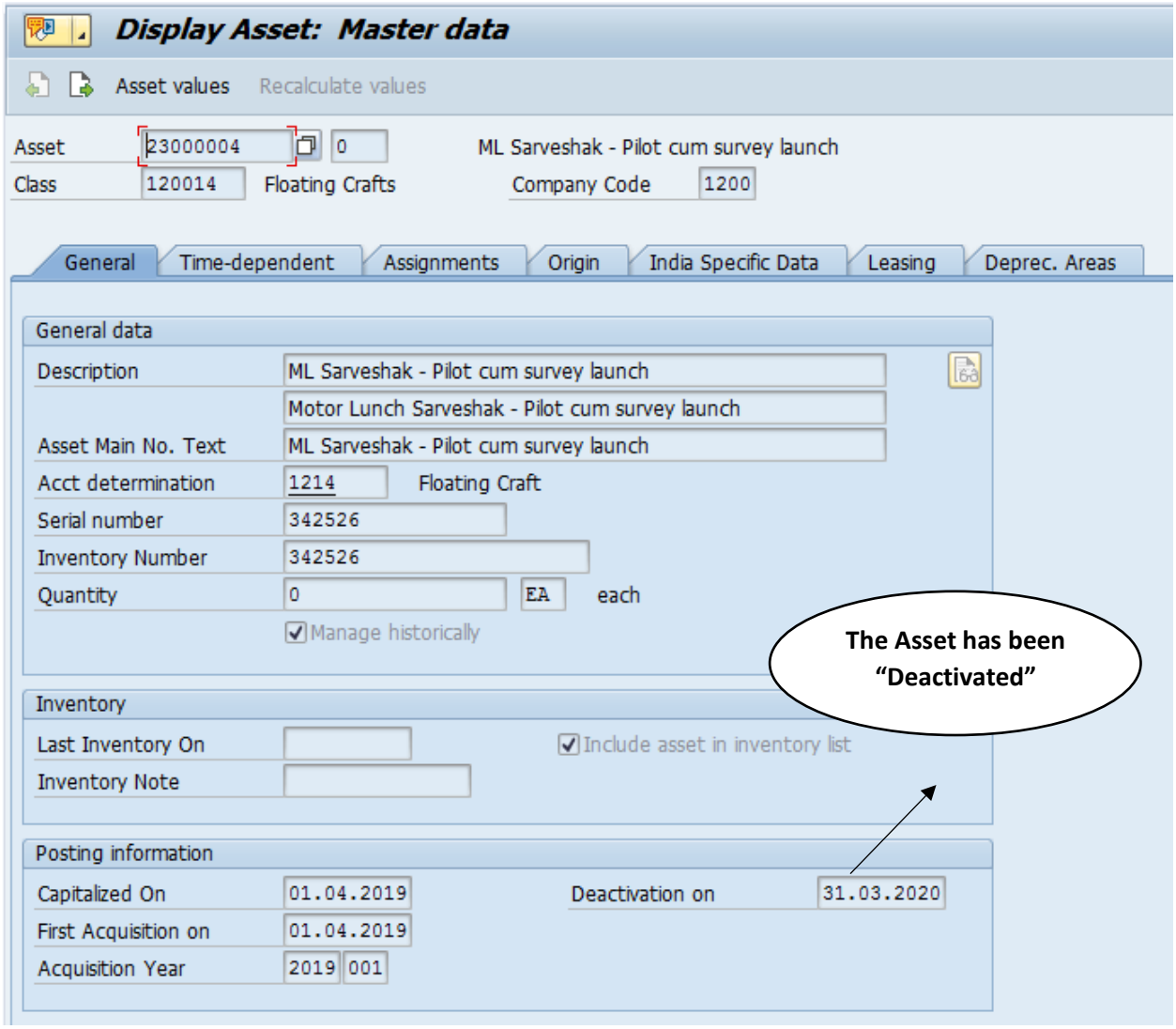

As per the above screen shown, the asset has been **"Deactivated"** after the asset sale without customer process done.

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6. Asset Scrapping:

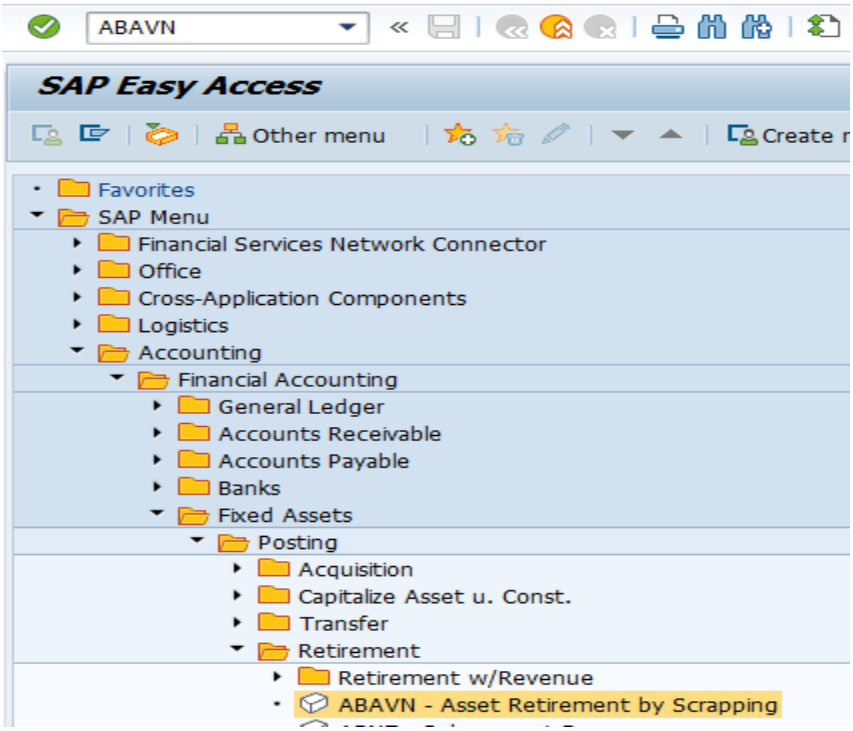
Business Scenario:

In SAP Asset Accounting, it is required to remove an asset partially or completely from asset portfolio. This is called either asset retirement or asset scrapping.

Use the below transaction code for asset scrapping process ABAVN - Asset Retirement by Scrapping.

Step 1: Enter Transaction code ABAVN in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Posting → Retirement → Retirement W/Revenue → Asset Retirement by Scrapping (**ABAVN**)



Step 2: Double click on "ABAVN" the system will open the below screen

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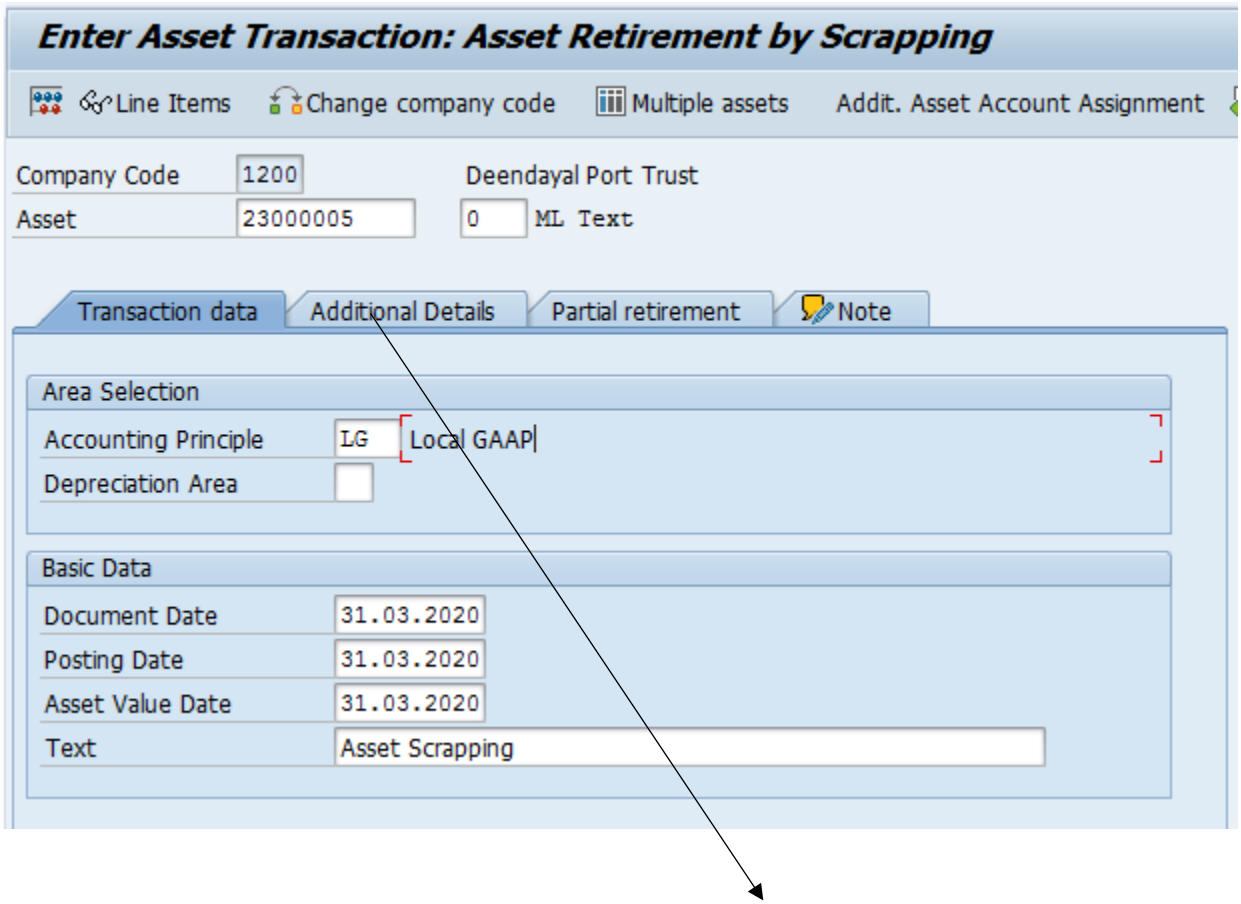

Step 3: Provide the values as shown above and click on **"Additional Details"** tab

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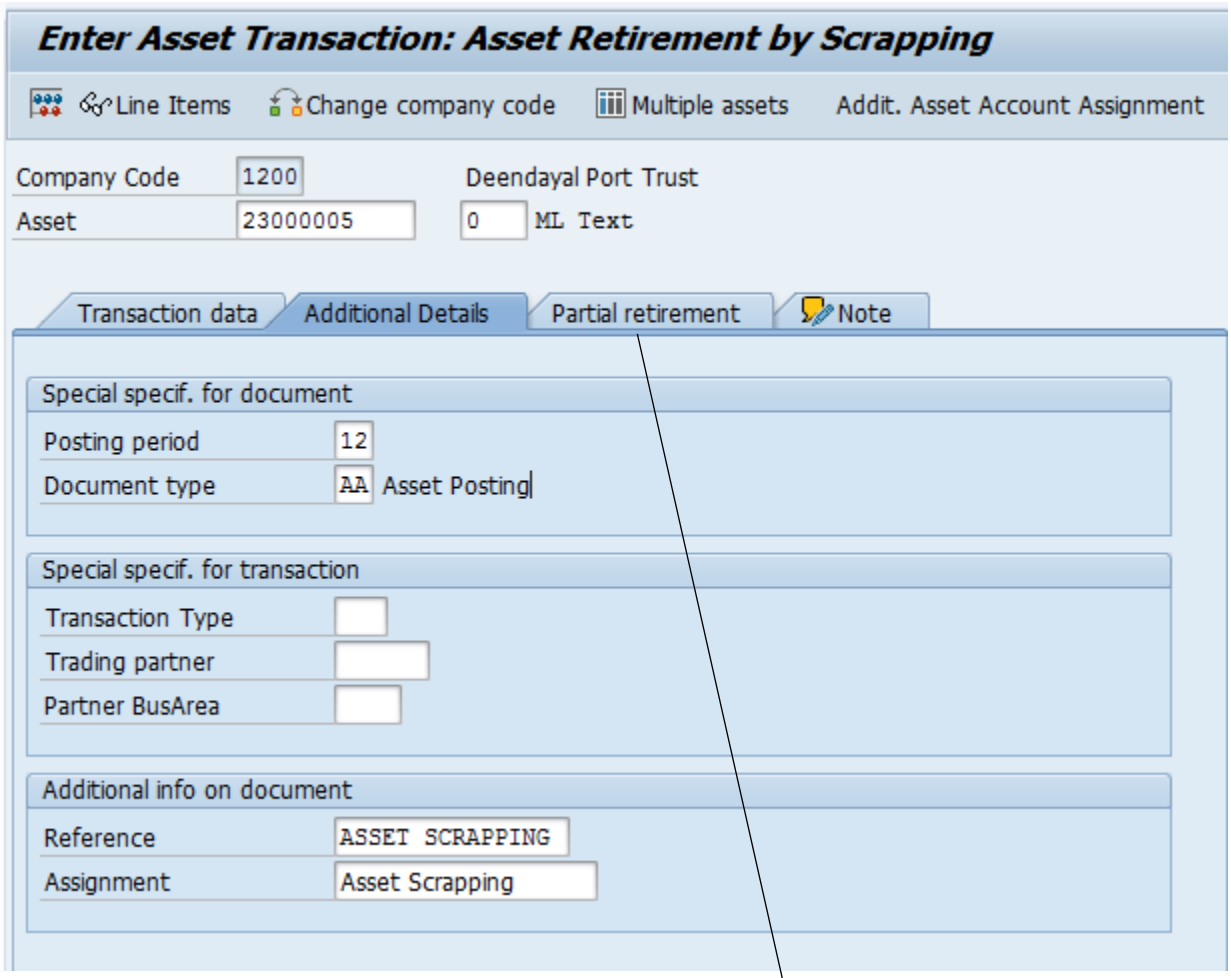

Step 4: Provide the values as shown above and click on **"Partial retirement"** tab

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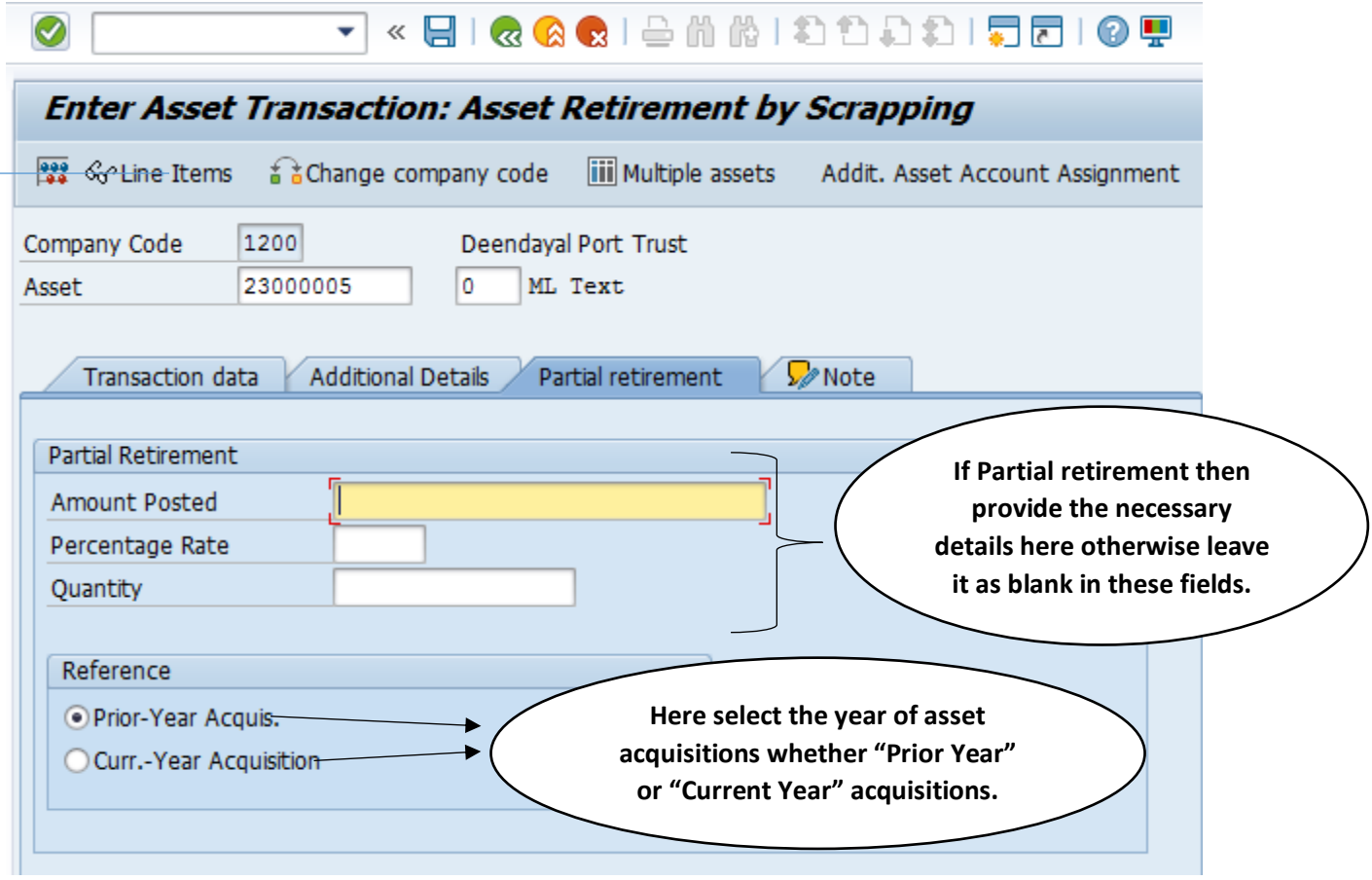

Step 5: Click on **"Line Item"** to verify

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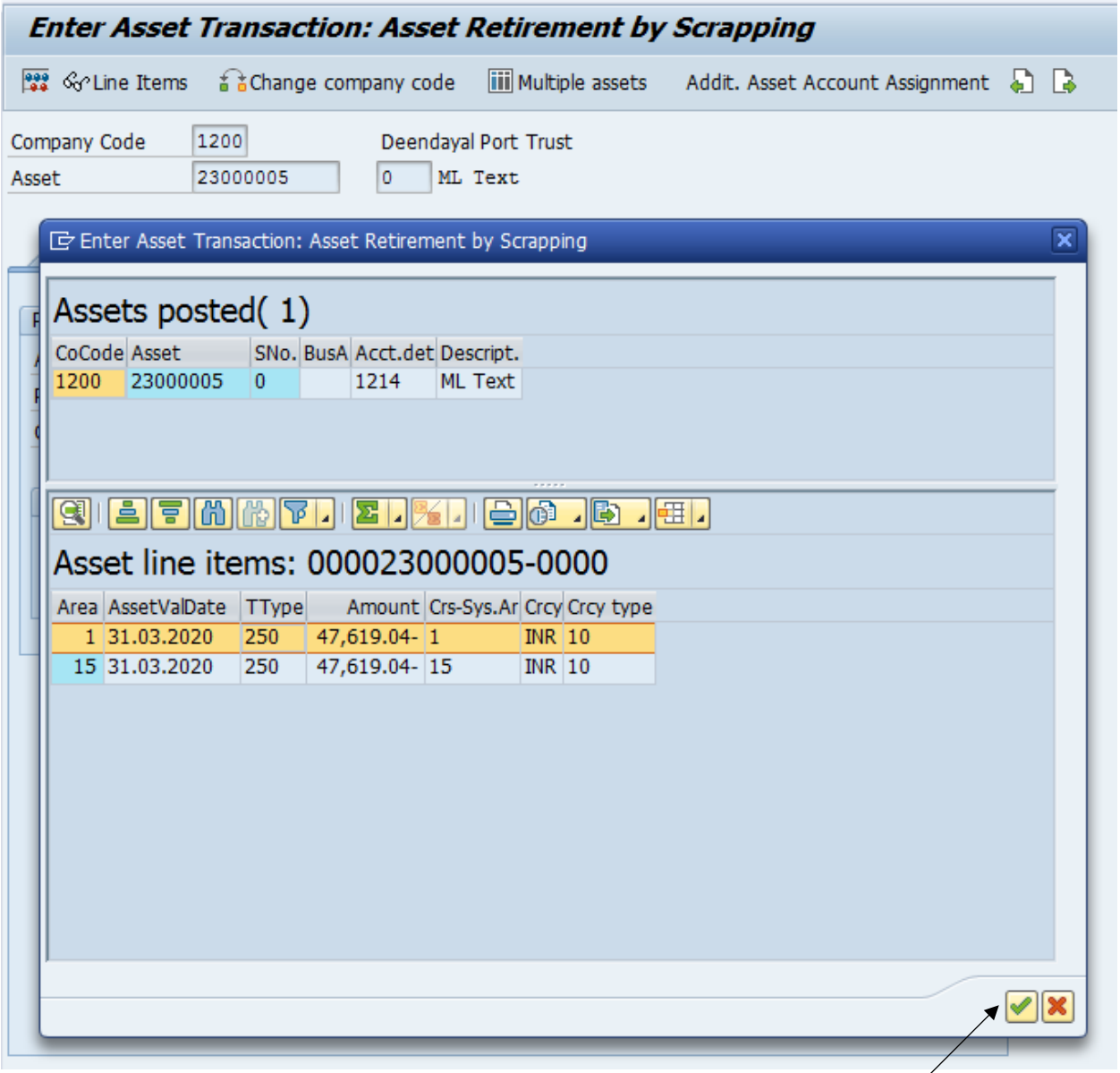

Step 6: Once verified come back to previous screen. To come back click on **"Continue"**

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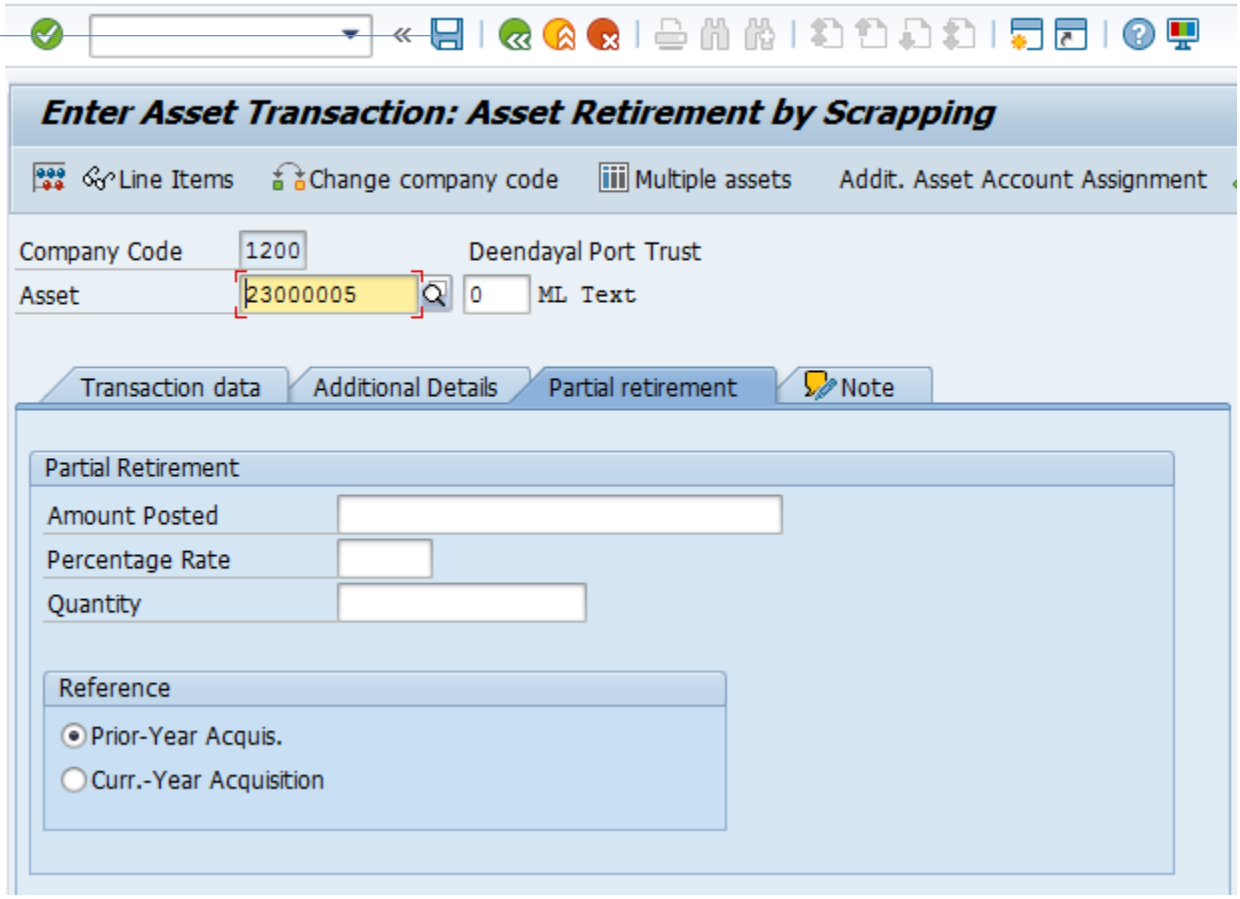
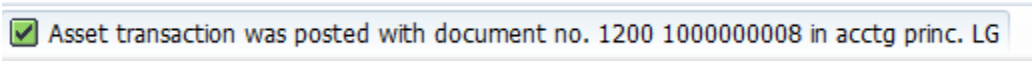


Step 7: Post the Transaction. To post click on **"Post".** Once the transaction is posted the system will propose the below message.



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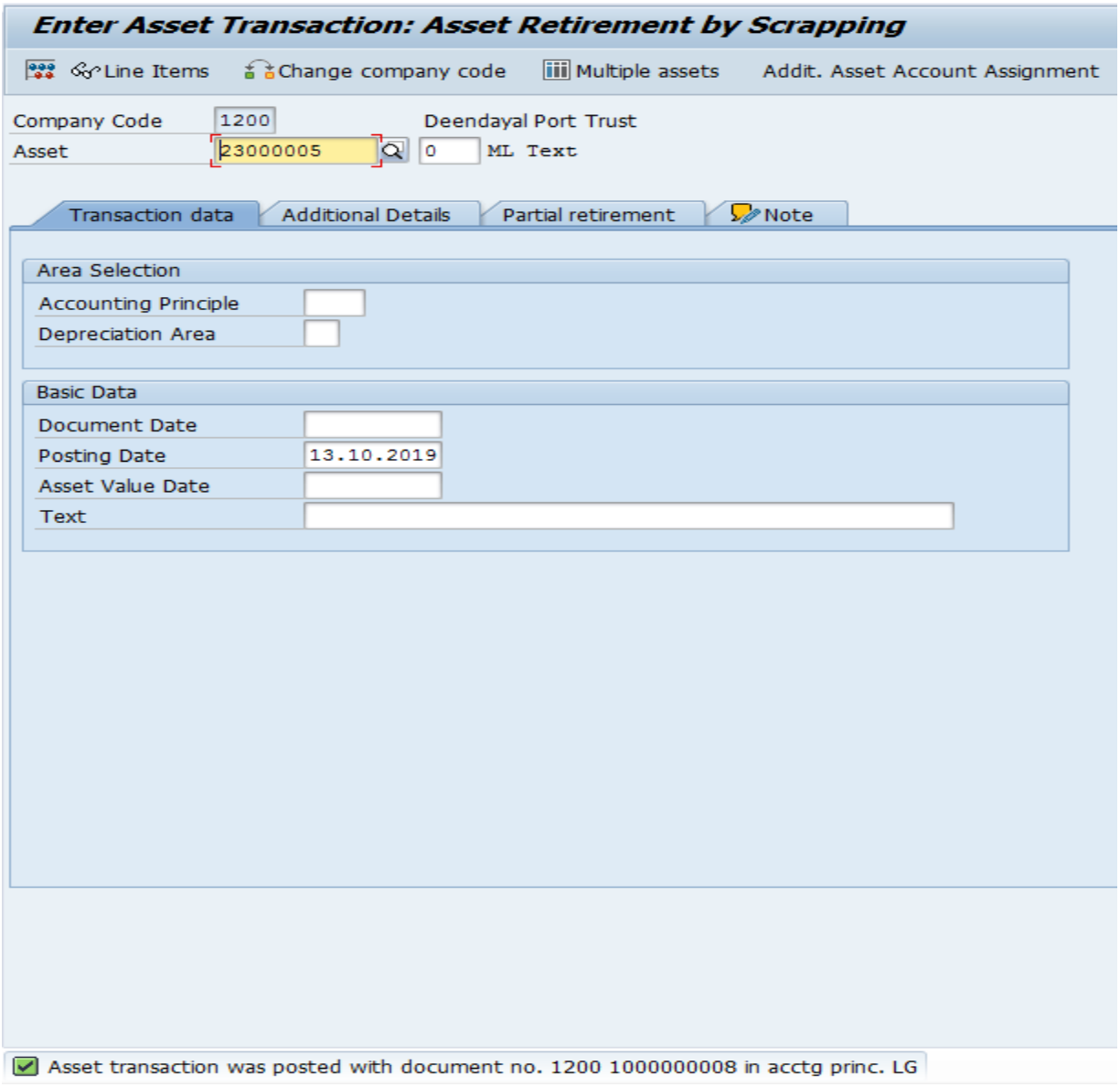

Now go and check in AW01N – Asset Explorer:

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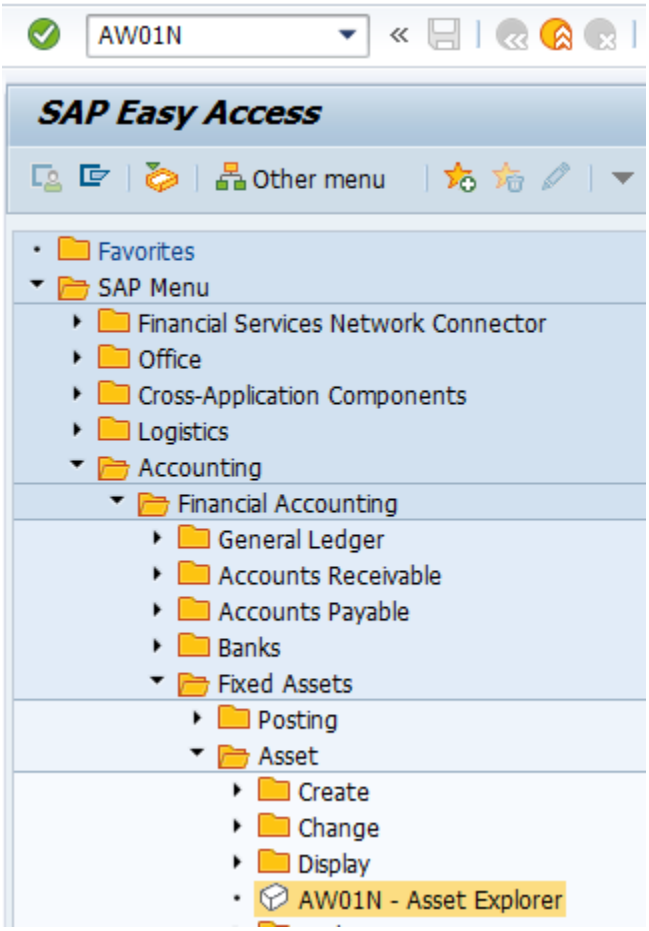
Enter Transaction code AW01N in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Asset Explorer (**AW01N)**



Double click on "**AW01N**" the system will open the below screen

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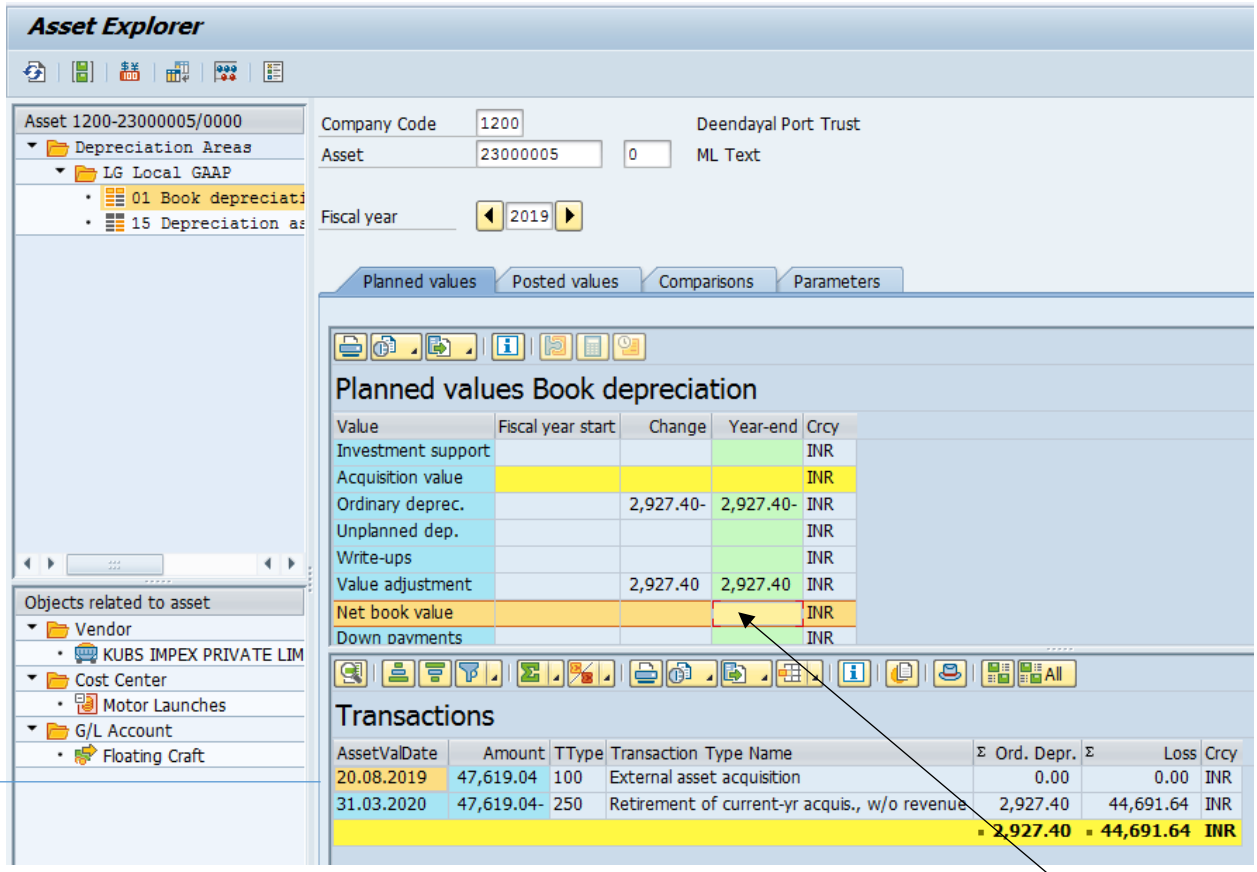

As per the above screen shown, after the asset scrapping process done the asset value is become as **Zero.**

Double click on **"Line item"** to view the related accounting document.

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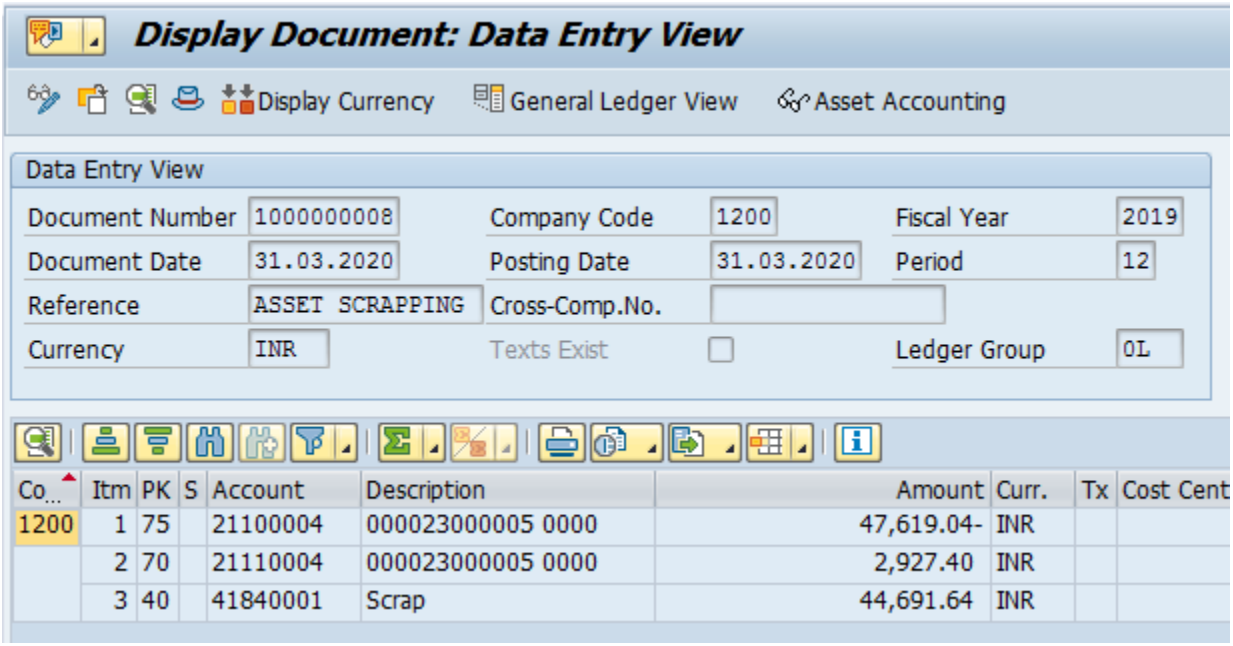
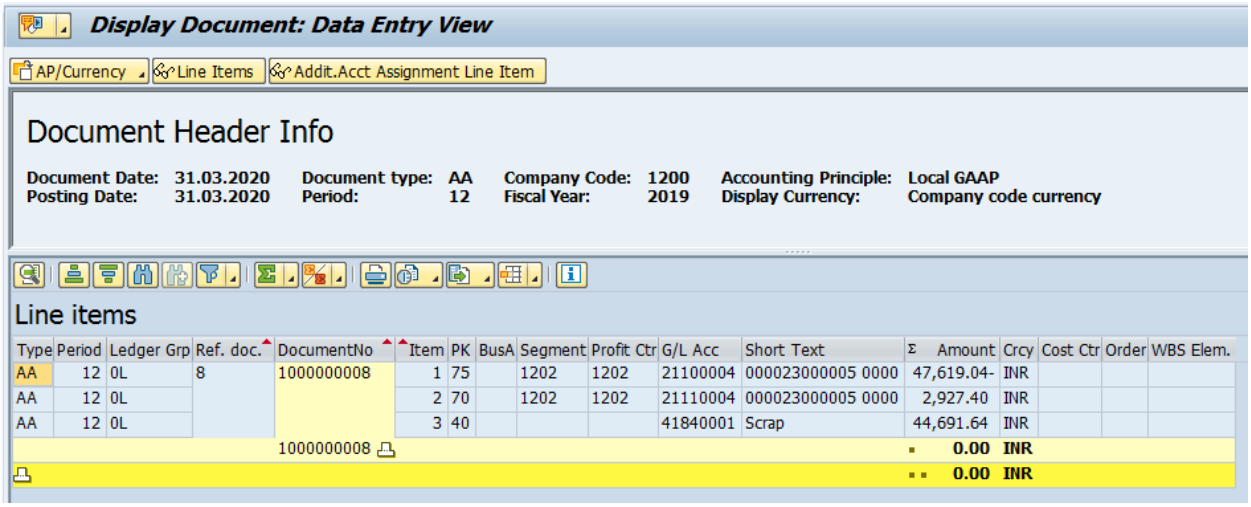


Click on "**Asset Accounting**" to view the more information.



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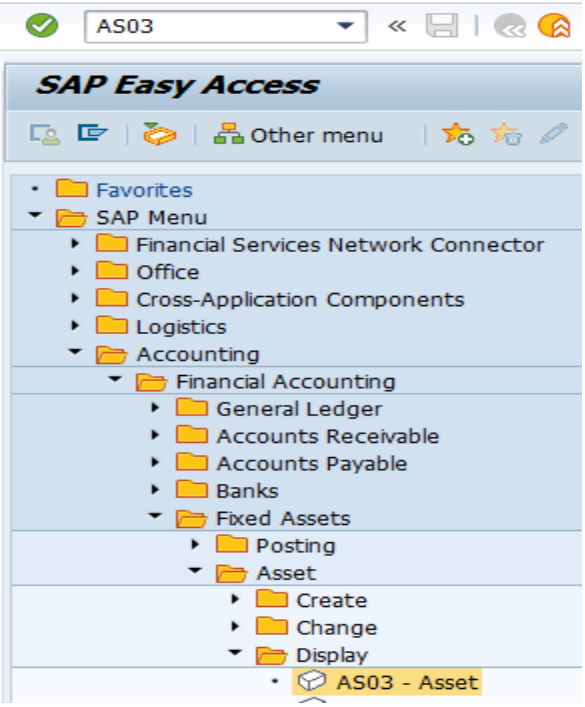
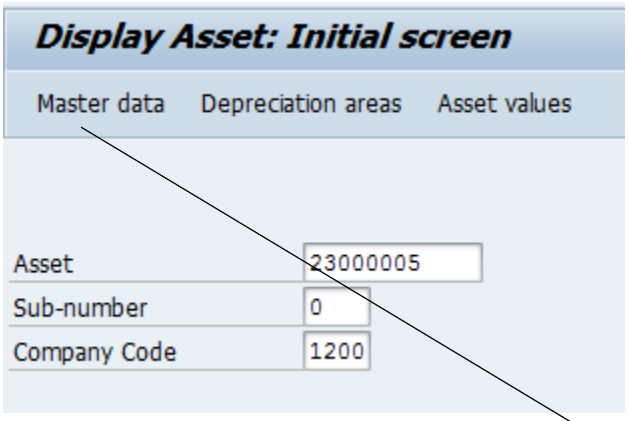
AS03– Display of Asset (To view the asset master after scrapping the asset):

Step 1: Enter Transaction code AS03 in command bar (or) Follow the below navigation path



Step 2: Double click on "**AS03**" the system will open the below screen



Step 3: Provide the values as shown above and click on **"Master Data"**

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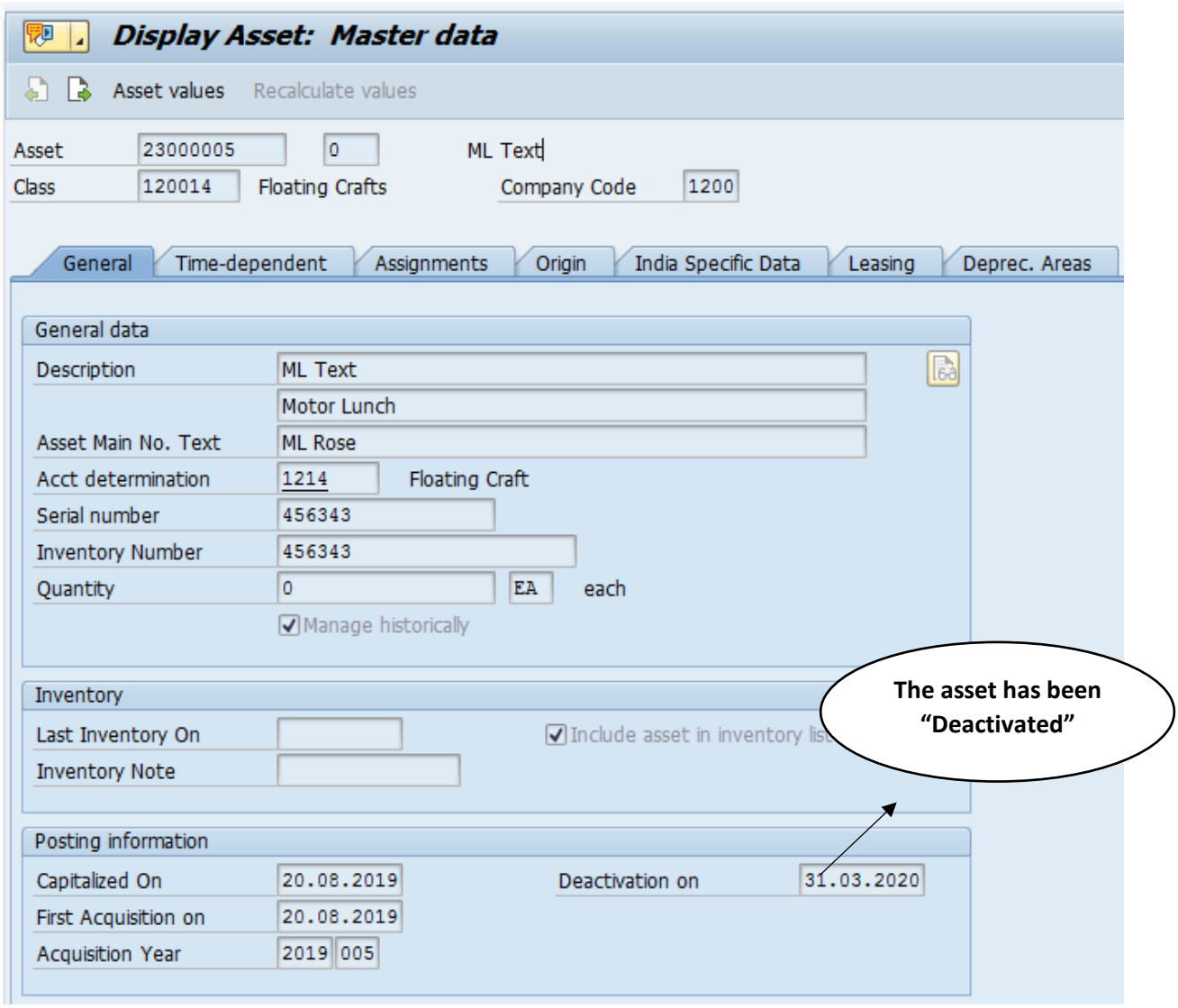

As per the above screen shown, the asset has been "Deactivated" after the asset scrapping process done.

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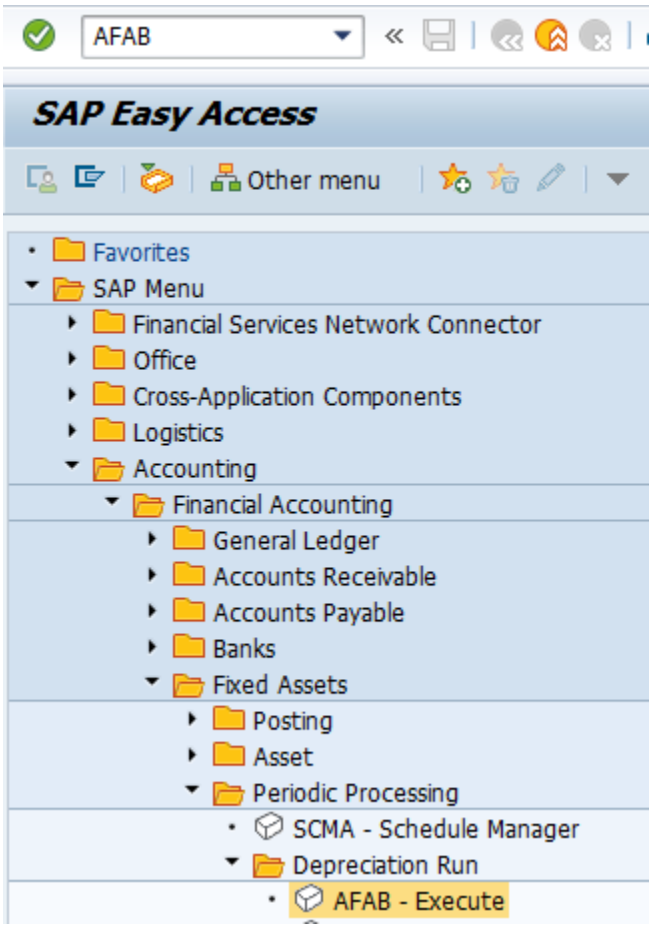
7. Asset Depreciation Run:

Business Scenario:

Depreciation Run. Each single asset transaction leads to a change in planned depreciation, but not to a posting to the relevant general ledger accounts. Only when you execute a depreciation run does the system carry out all depreciations planned to post up to the specified date.

Step 1: Enter Transaction code AFAB in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Period Processing → Depreciation Run → Execute (**AFAB)**



Step 2: Double click on "**AFAB**" the system will open the below screen

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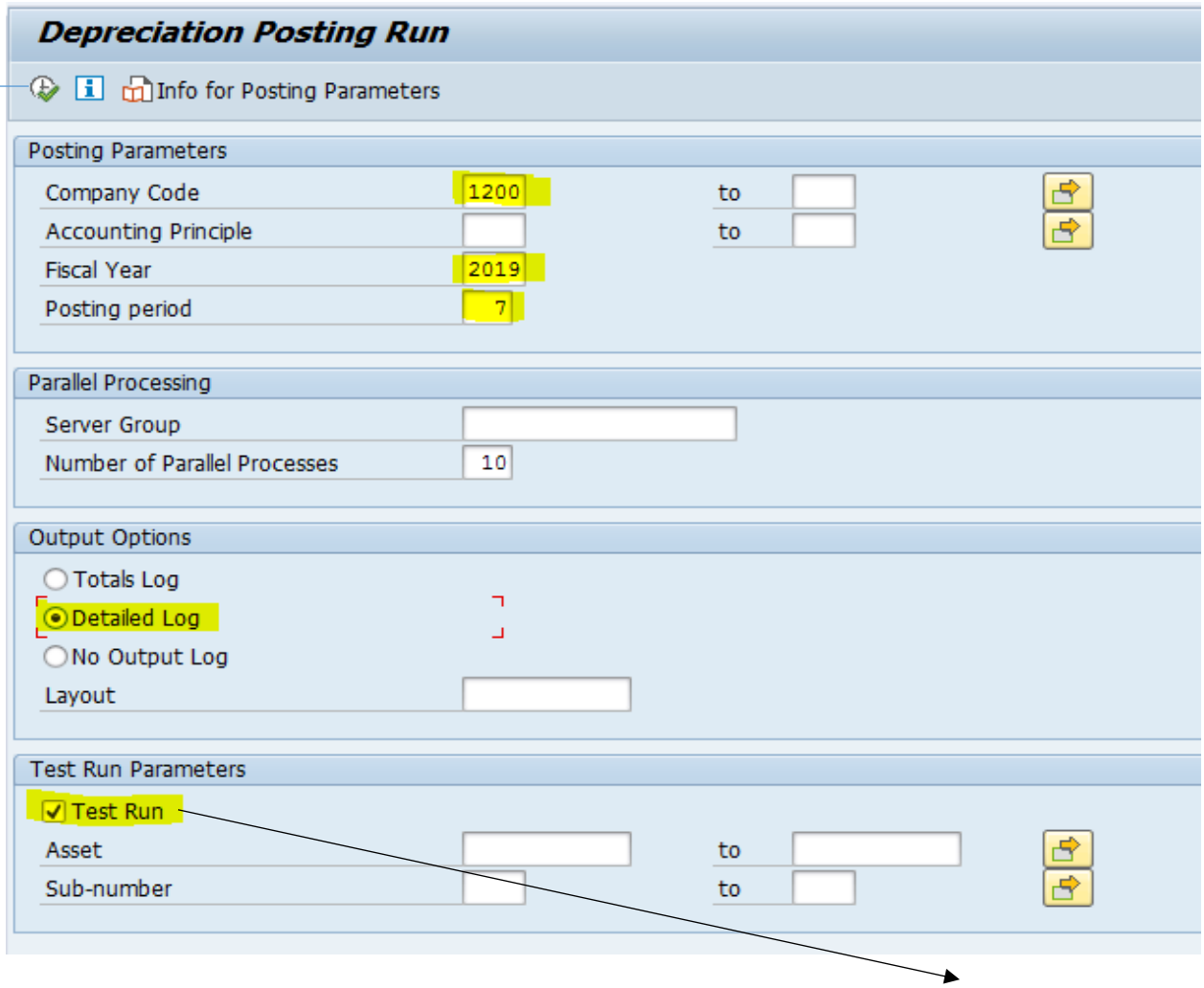

Step 3: Provide the values as shown above and click on **"Execute".** First run in **"Test Mode"** to check and verify the error is there or not.

Once click on **"Execute"** button the system will propose the below message.

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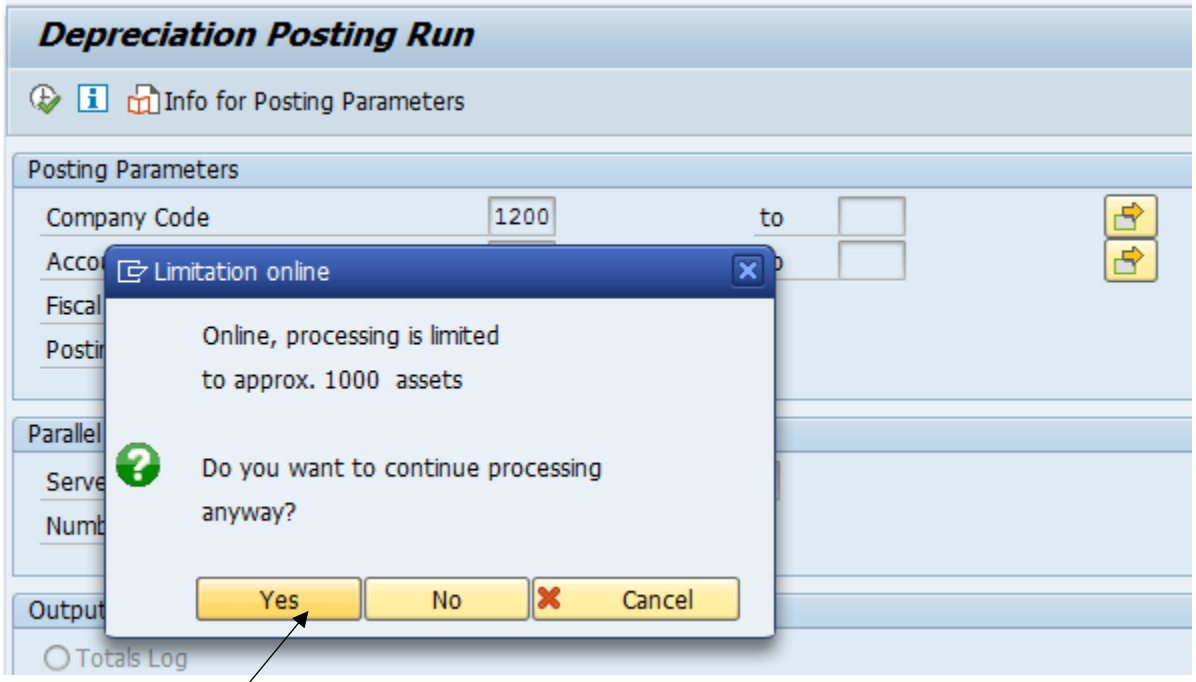
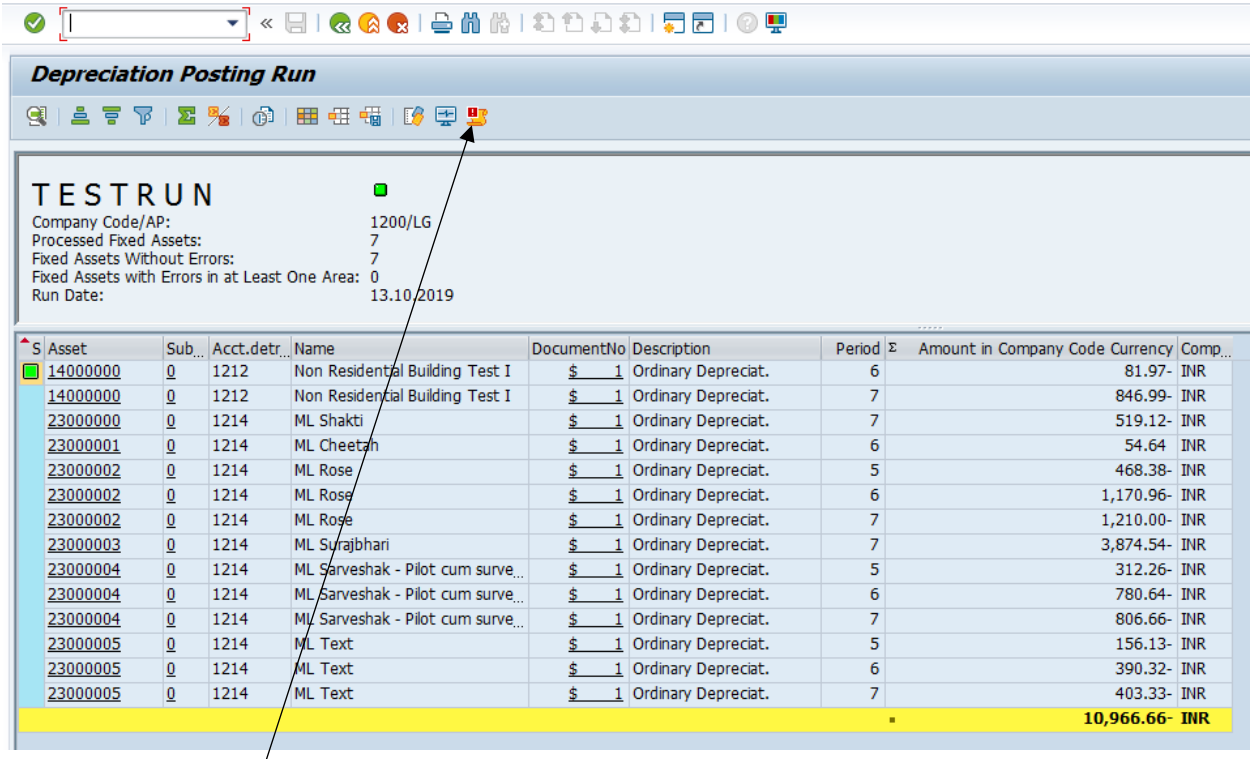


Step 4: Click on **"Yes"** the system will open the below screen



S	Asset	Sub...	Acct.detr...	Name	DocumentNo	Description	Period	Σ	Amount in Company Code Currency	Comp...
	14000000	0	1212	Non Residential Building Test I	$ 1	Ordinary Depreciat.	6		81.97-	INR
	14000000	0	1212	Non Residential Building Test I	$ 1	Ordinary Depreciat.	7		846.99-	INR
	23000000	0	1214	ML Shakti	$ 1	Ordinary Depreciat.	7		519.12-	INR
	23000001	0	1214	ML Cheetah	$ 1	Ordinary Depreciat.	6		54.64	INR
	23000002	0	1214	ML Rose	$ 1	Ordinary Depreciat.	5		468.38-	INR
	23000002	0	1214	ML Rose	$ 1	Ordinary Depreciat.	6		1,170.96-	INR
	23000002	0	1214	ML Rose	$ 1	Ordinary Depreciat.	7		1,210.00-	INR
	23000003	0	1214	ML Surajbhari	$ 1	Ordinary Depreciat.	7		3,874.54-	INR
	23000004	0	1214	ML Sarveshak - Pilot cum surve...	$ 1	Ordinary Depreciat.	5		312.26-	INR
	23000004	0	1214	ML Sarveshak - Pilot cum surve...	$ 1	Ordinary Depreciat.	6		780.64-	INR
	23000004	0	1214	ML Sarveshak - Pilot cum surve...	$ 1	Ordinary Depreciat.	7		806.66-	INR
	23000005	0	1214	ML Text	$ 1	Ordinary Depreciat.	5		156.13-	INR
	23000005	0	1214	ML Text	$ 1	Ordinary Depreciat.	6		390.32-	INR
	23000005	0	1214	ML Text	$ 1	Ordinary Depreciat.	7		403.33-	INR
									10,966.66-	INR

Step 5: Click on **"Message Log"** to view the error is there or not.

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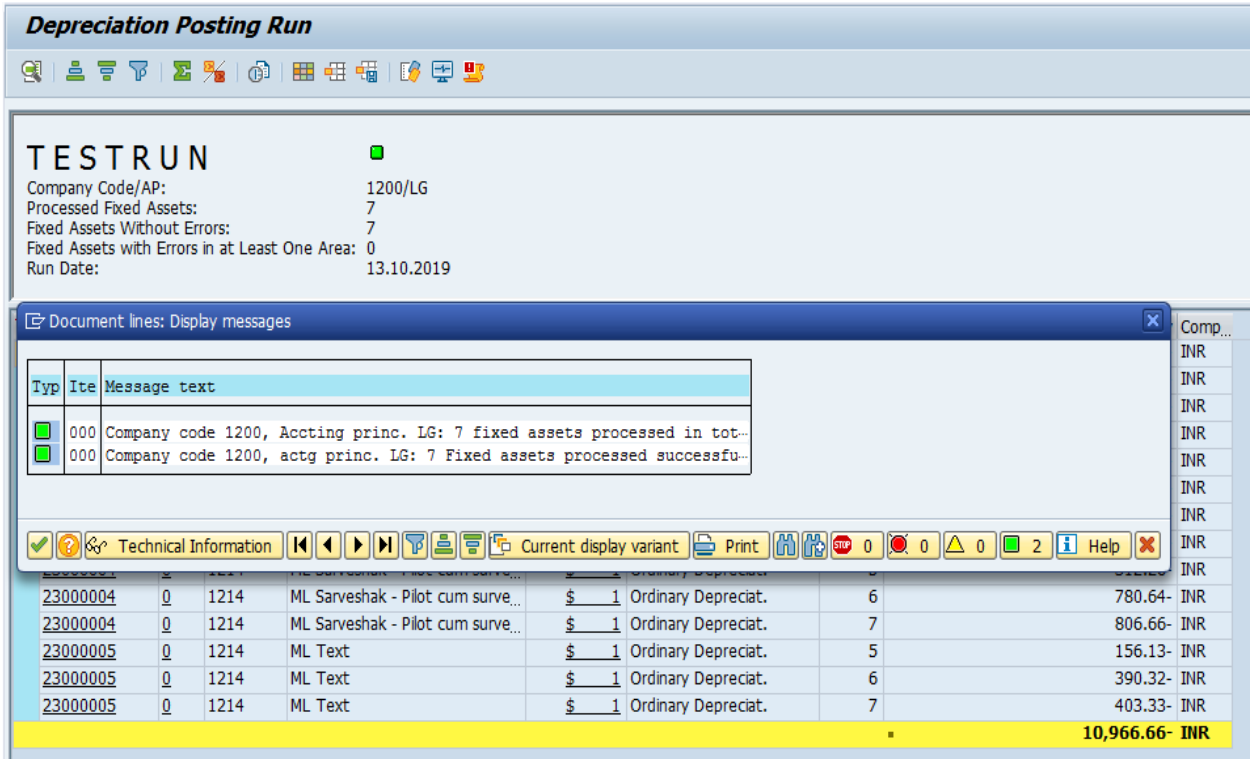

Step 6: As per the above screen shown, there is no any error is seems to be. Come back to previous screen, to come back click on " " back arrow button.

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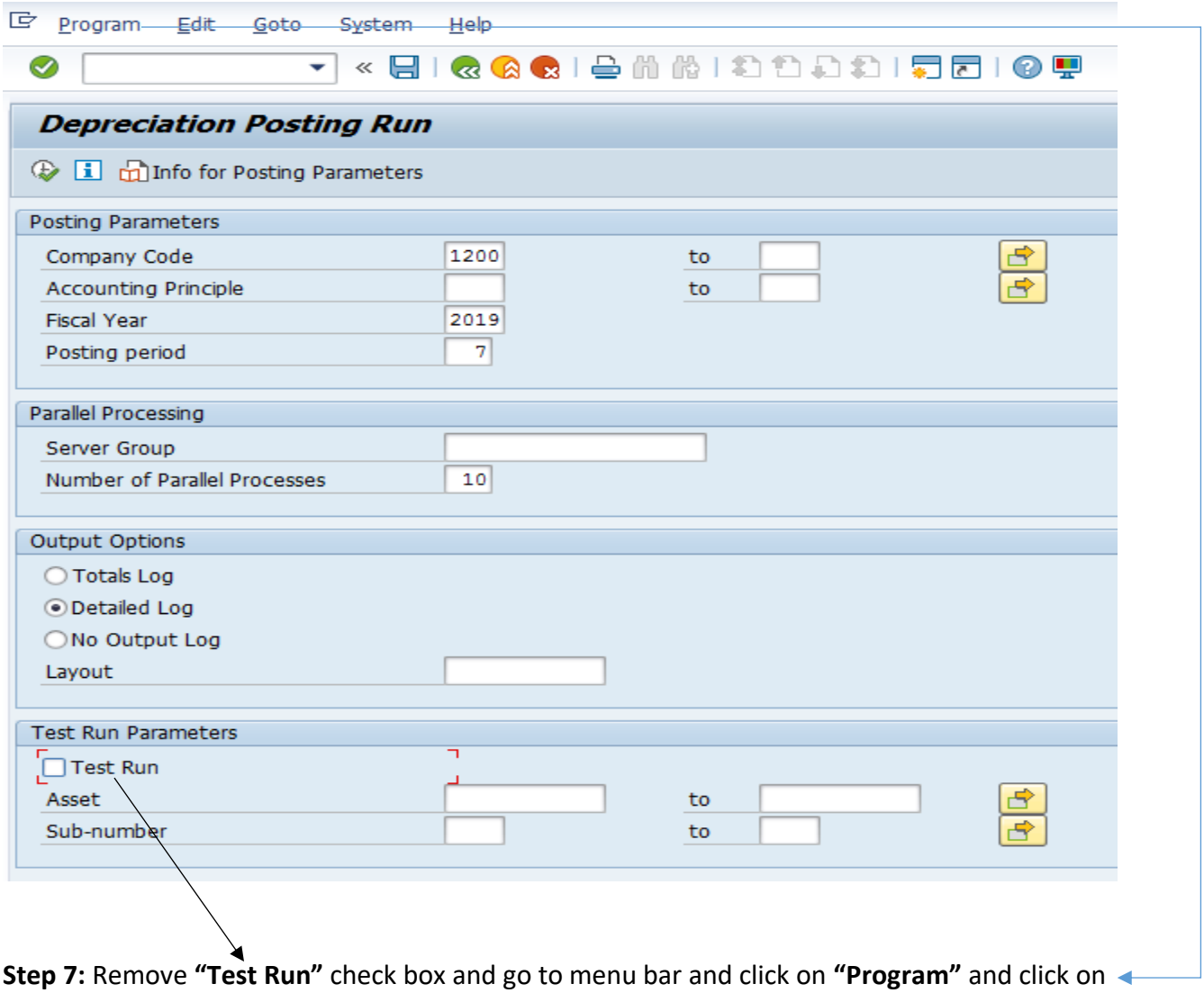

Step 7: Remove **"Test Run"** check box and go to menu bar and click on **"Program"** and click on "Execute in Background" then the system will open the below screen.

SNAP OF PRIGRAM >>>>EXECUTE IN BACKGROUNG

Click on "Execute in Background" then the system will open the below window

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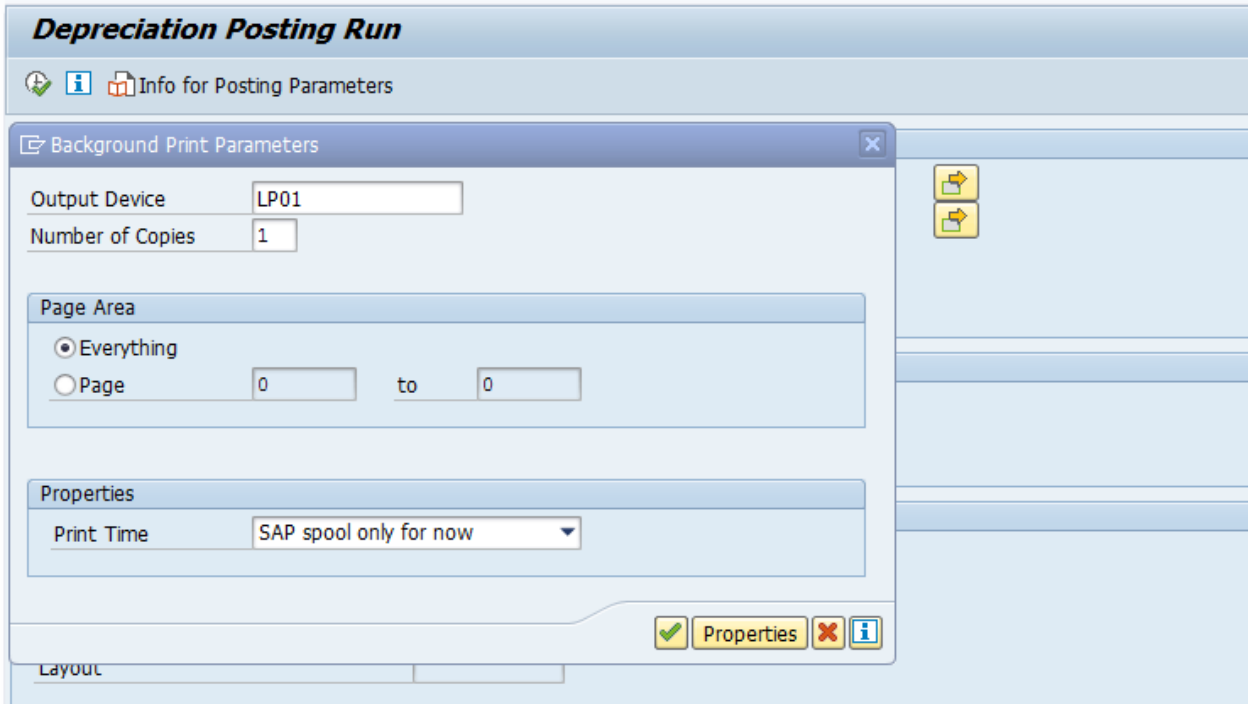

Step 8: Provide the values as shown above and click on "**Continue**" then the system will open the below window.

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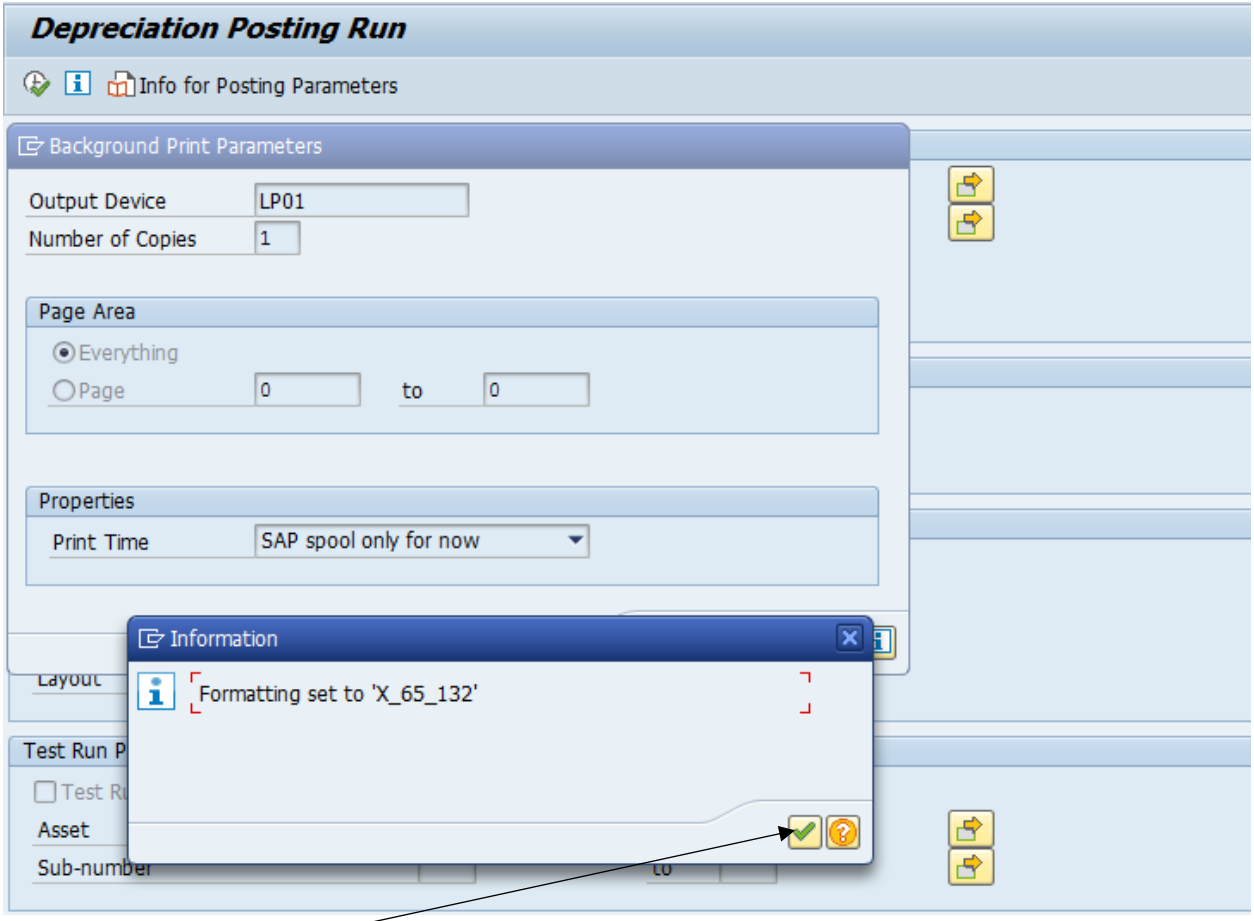

Step 9: Click on **"Continue"** then the system will open the below window screen

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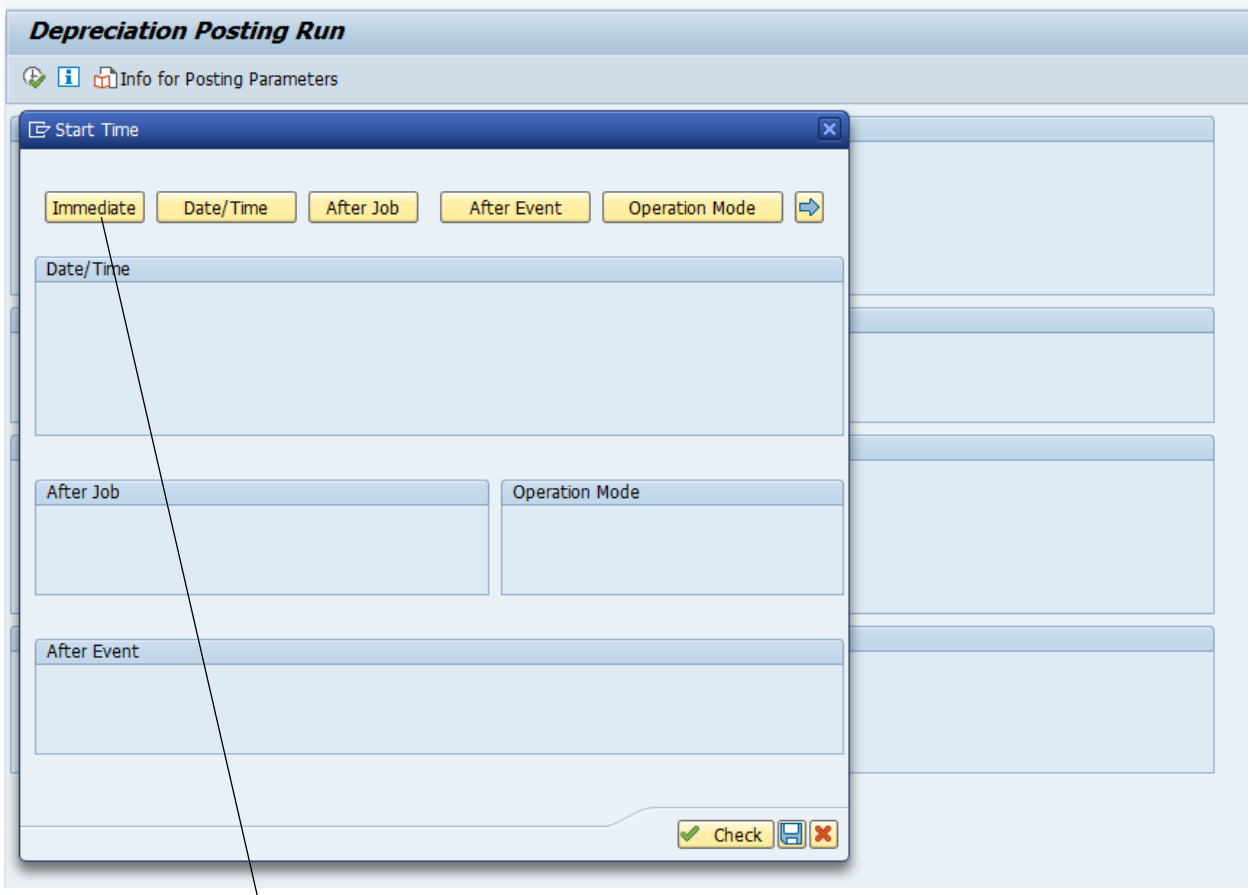

Step 10: Click on **"Immediate"** then the system will open the below window screen.

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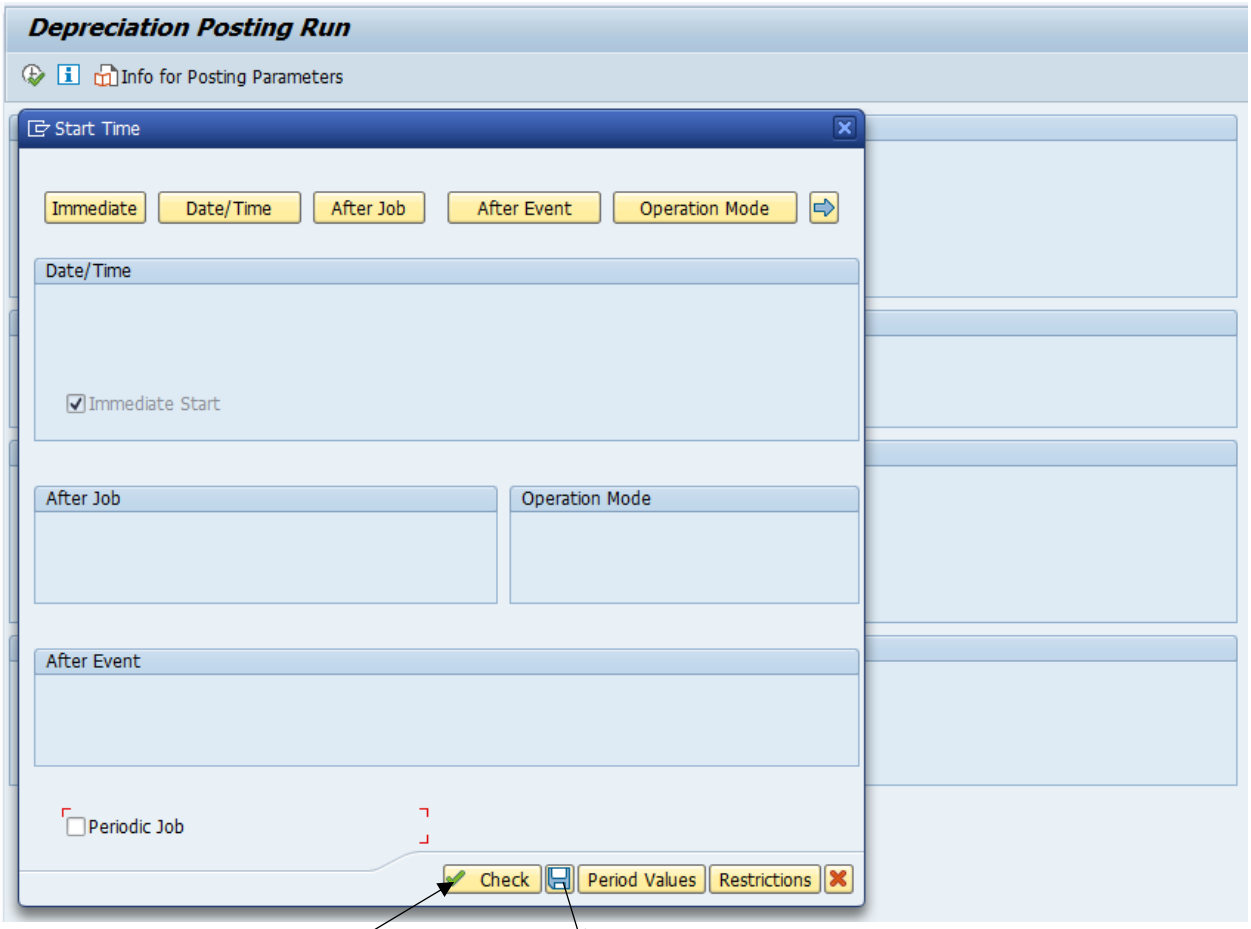
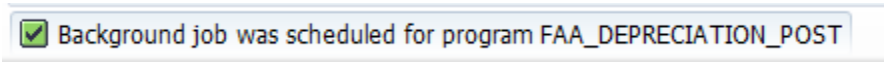


Step 11: First click on **"Check"** and click on **"Save"** then the system will propose the below message



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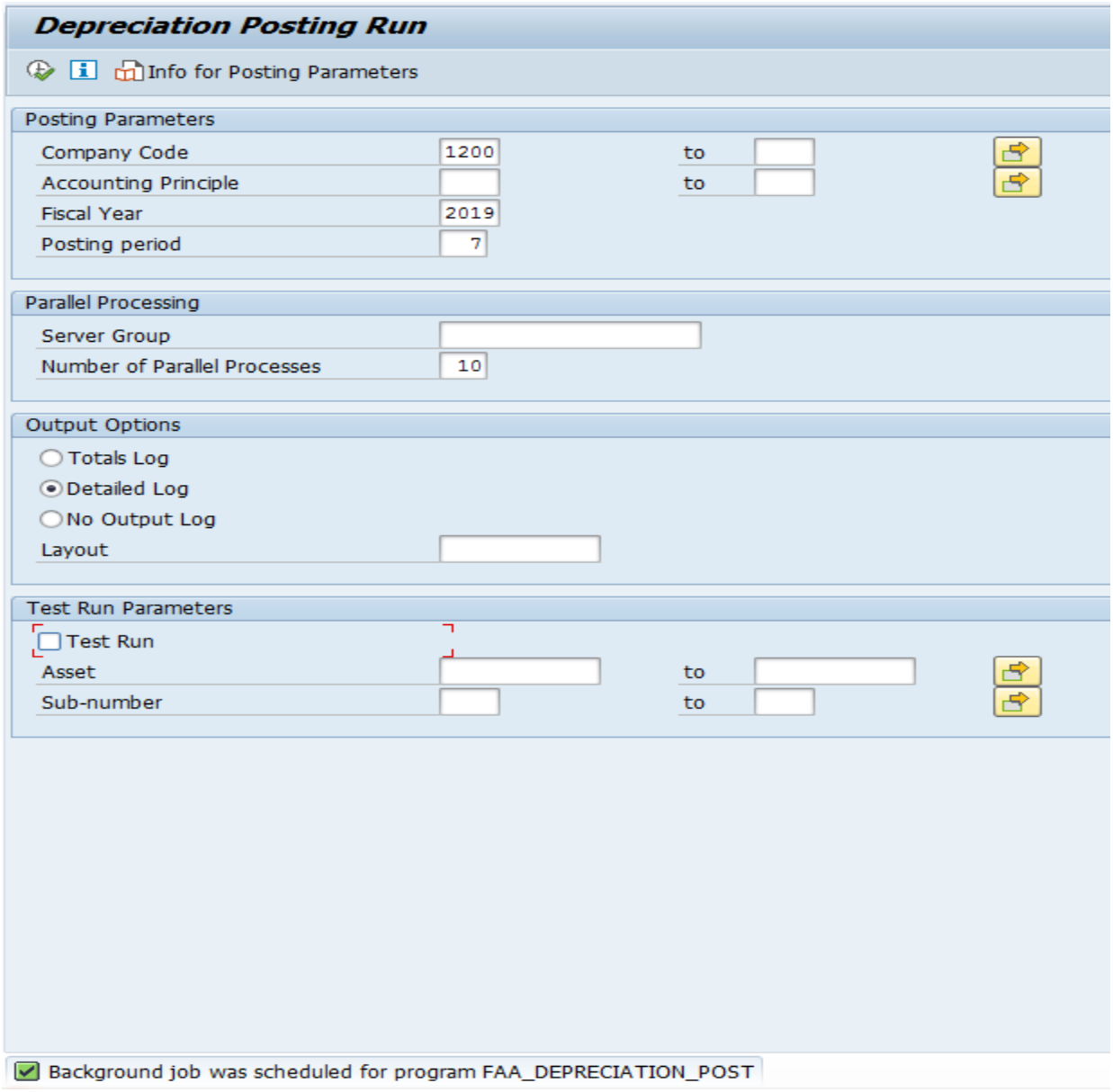

Now go and check in SM37 (Whether the Job is finished or not):

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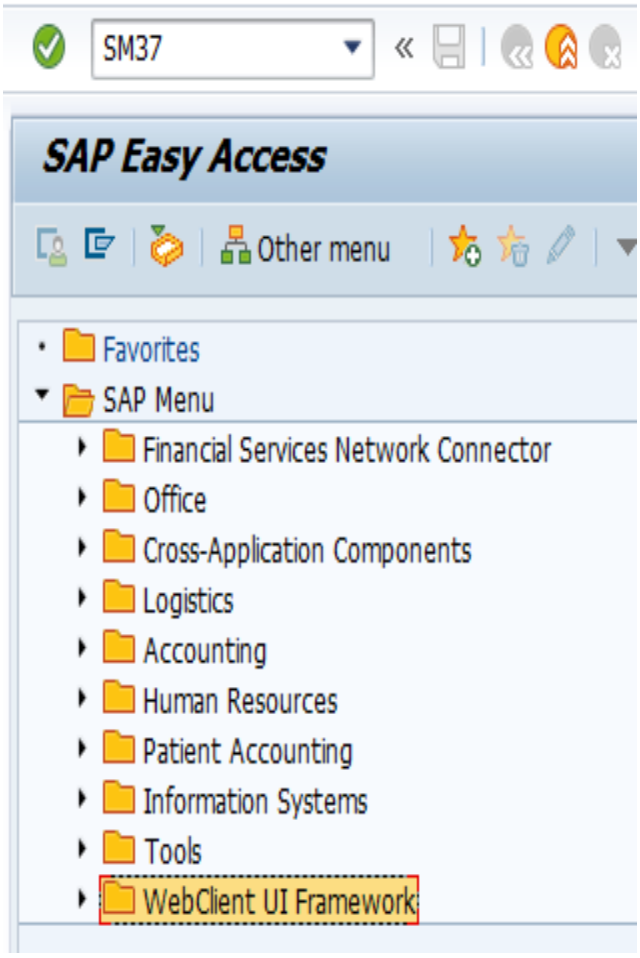
Step 1: Enter Transaction code **SM37** in command bar and press enter.



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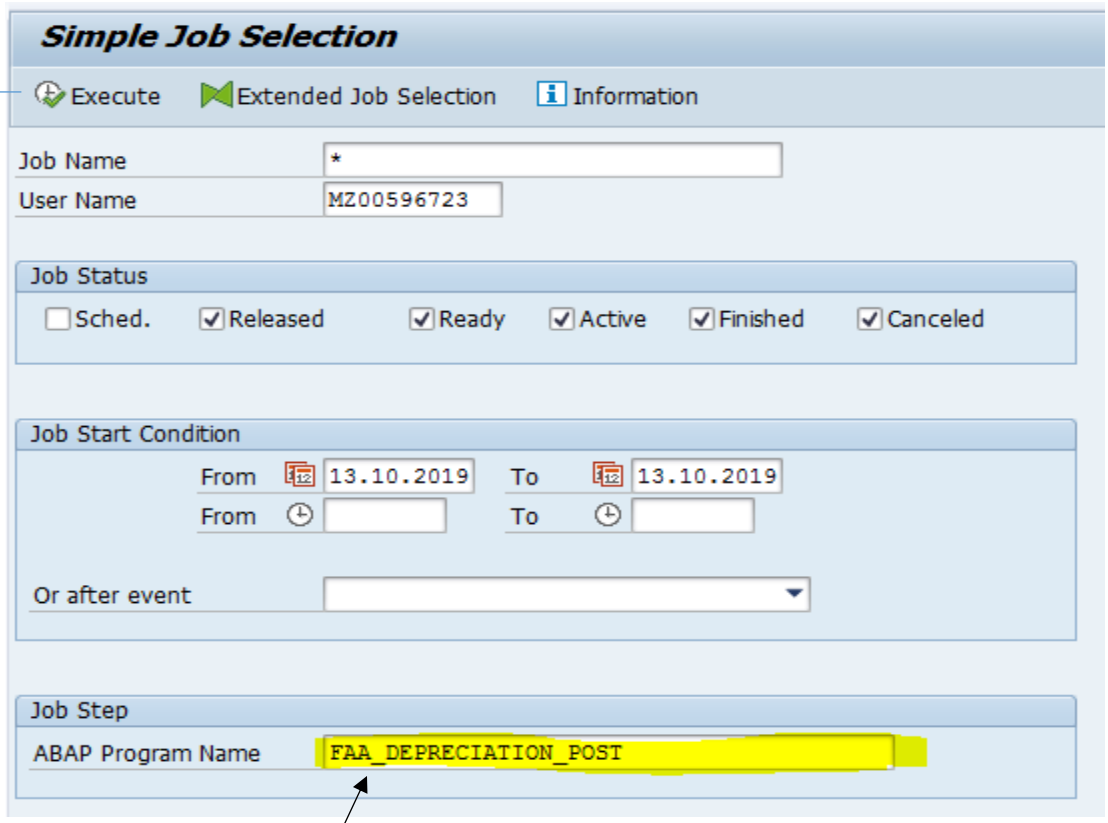

Step 2: Provide the **"Program Name"** (Job Name) and click on **"Execute"** then the system will open the below screen.

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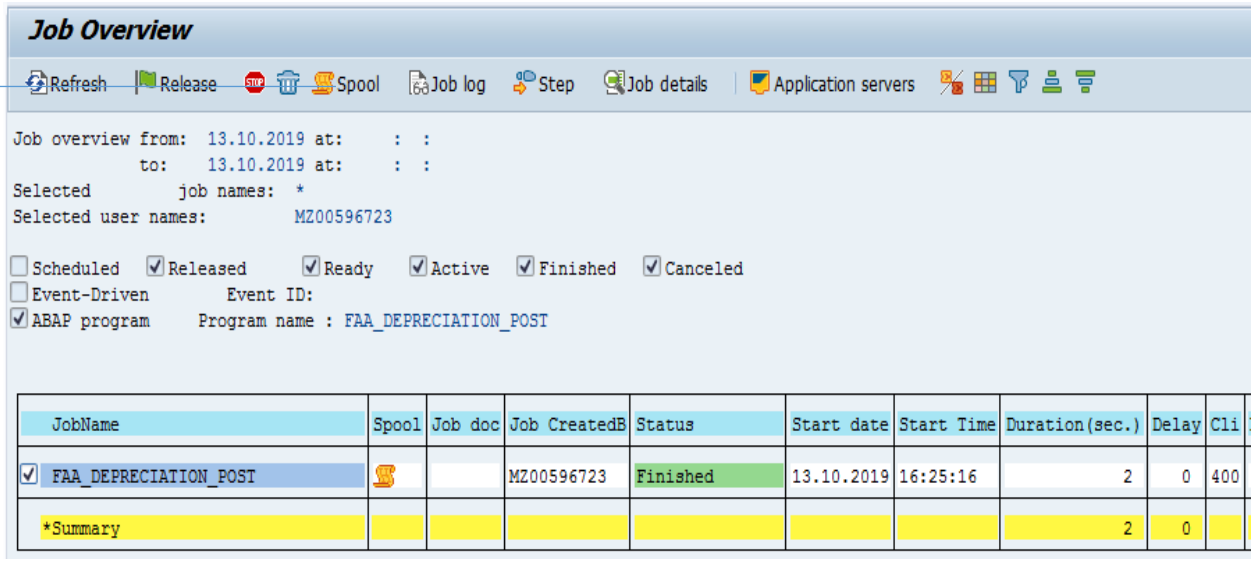
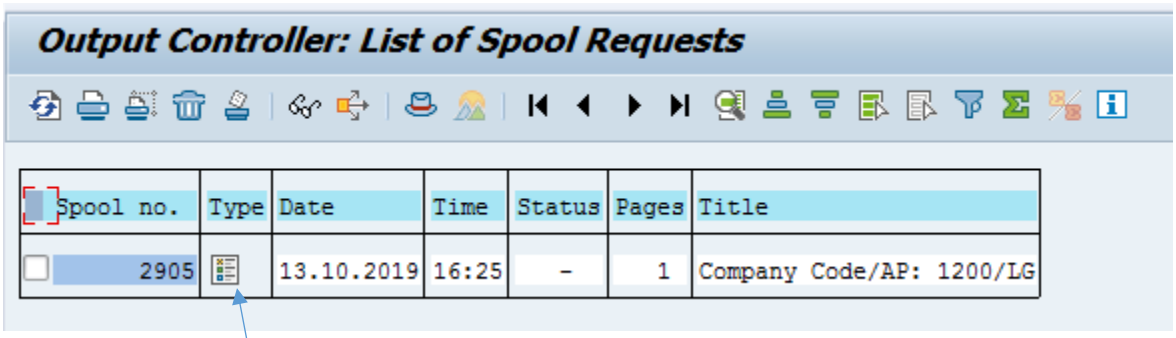


Step 3: As per the above screen shown, the job is finished (Which means the depreciation was posted successfully). Click on "**Spool**" to view the more information's about the depreciation run.



Step 4: Click on "**Type**"

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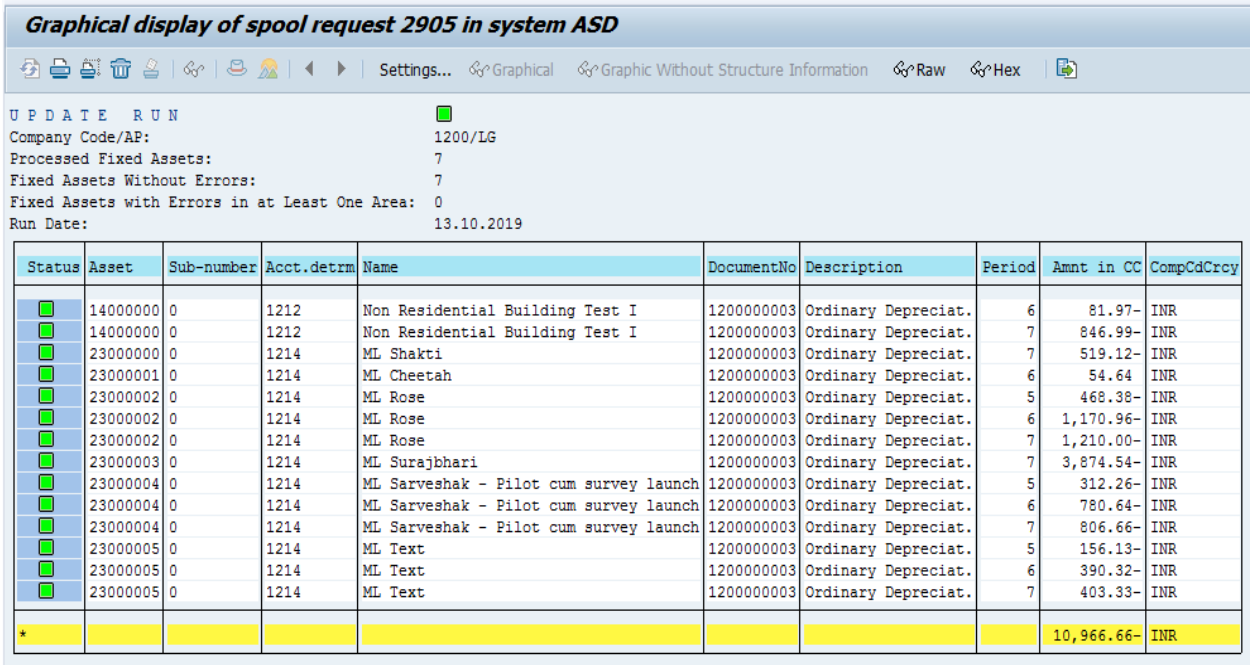


Graphical display of spool request 2905 in system ASD

Settings... | Graphical | Graphic Without Structure Information | Raw | Hex

UPDATE RUN

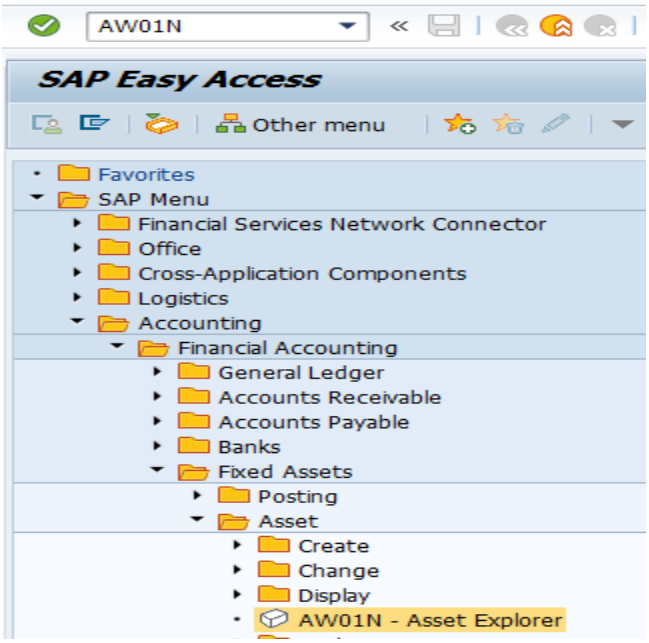
Company Code/AP: 1200/LG
Processed Fixed Assets: 7
Fixed Assets Without Errors: 7
Fixed Assets with Errors in at Least One Area: 0
Run Date: 13.10.2019

Status	Asset	Sub-number	Acct.detrm	Name	DocumentNo	Description	Period	Amnt in CC	CompCdCrcy
	14000000	0	1212	Non Residential Building Test I	1200000003	Ordinary Depreciat.	6	81.97-	INR
	14000000	0	1212	Non Residential Building Test I	1200000003	Ordinary Depreciat.	7	846.99-	INR
	23000000	0	1214	ML Shakti	1200000003	Ordinary Depreciat.	7	519.12-	INR
	23000001	0	1214	ML Cheetah	1200000003	Ordinary Depreciat.	6	54.64	INR
	23000002	0	1214	ML Rose	1200000003	Ordinary Depreciat.	5	468.38-	INR
	23000002	0	1214	ML Rose	1200000003	Ordinary Depreciat.	6	1,170.96-	INR
	23000002	0	1214	ML Rose	1200000003	Ordinary Depreciat.	7	1,210.00-	INR
	23000003	0	1214	ML Surajbhari	1200000003	Ordinary Depreciat.	7	3,874.54-	INR
	23000004	0	1214	ML Sarveshak - Pilot cum survey launch	1200000003	Ordinary Depreciat.	5	312.26-	INR
	23000004	0	1214	ML Sarveshak - Pilot cum survey launch	1200000003	Ordinary Depreciat.	6	780.64-	INR
	23000004	0	1214	ML Sarveshak - Pilot cum survey launch	1200000003	Ordinary Depreciat.	7	806.66-	INR
	23000005	0	1214	ML Text	1200000003	Ordinary Depreciat.	5	156.13-	INR
	23000005	0	1214	ML Text	1200000003	Ordinary Depreciat.	6	390.32-	INR
	23000005	0	1214	ML Text	1200000003	Ordinary Depreciat.	7	403.33-	INR
*								10,966.66-	INR

Now go and check in AW01N – Asset Explorer:

Step 1: Enter Transaction code AW01N in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Assets → Asset → Asset Explorer (**AW01N)**



Step 2: Double click on "AW01N" the system will open the below screen

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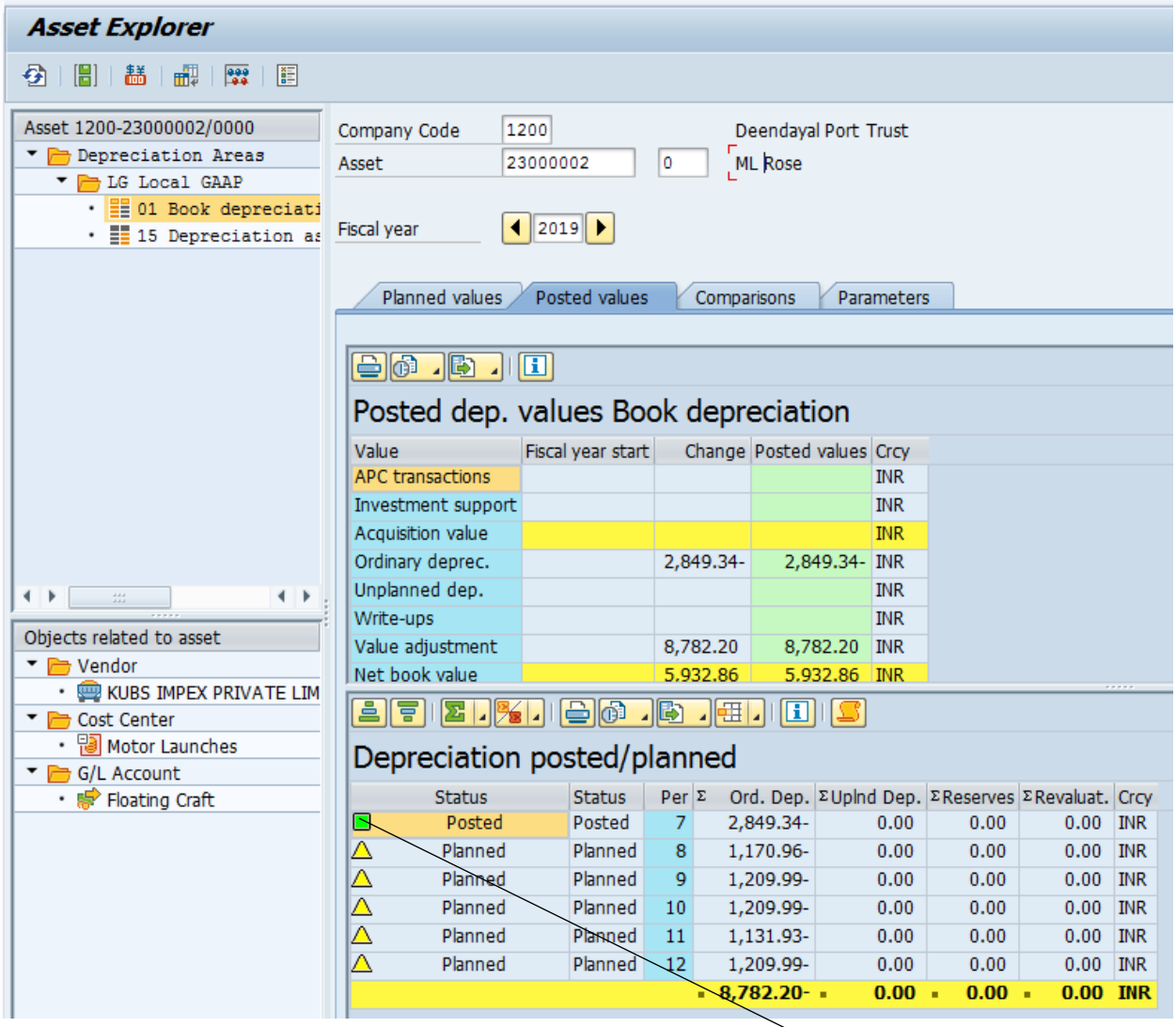

As per the above screen shown, the depreciation was posted for the period of October. First period of fiscal year 2019. Depreciation posted period status is showing in **green color.**

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8. Asset Reversal:

Business Scenario and purpose:

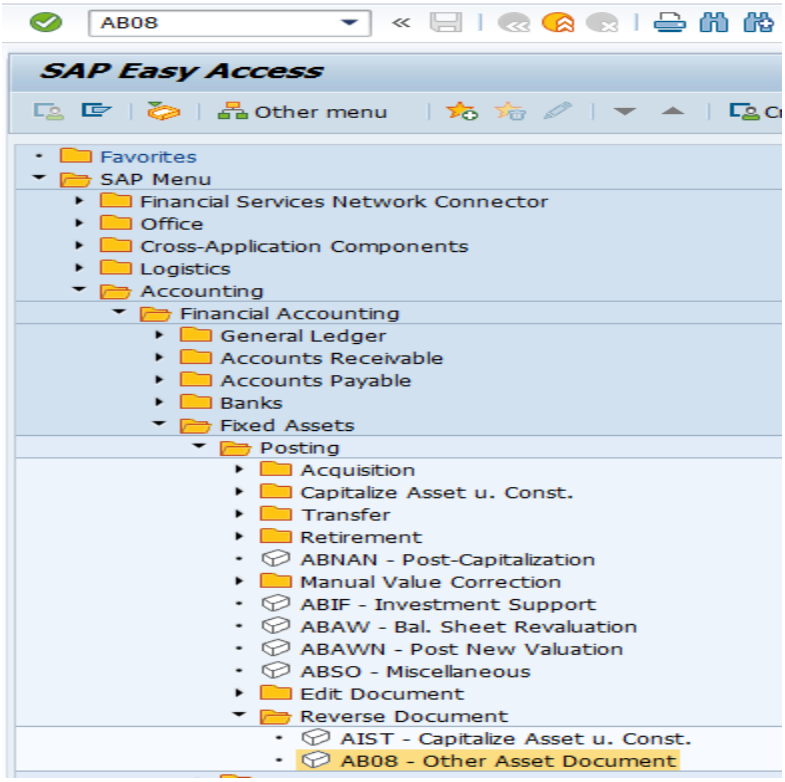
Use this procedure to reverse an asset transaction that was posted incorrectly. Then, verify the reversal in Asset Explorer -AW01N.

Use: Perform this procedure when the incorrect transaction has been identified. Some assets may have the incorrect asset class, value, quantity, or capitalized versus expensed detail that needs to be corrected.

AB08 - Other Asset Document (Capital Asset can only be reversed by using this transaction, for AUC Asset reverse there is another transaction available)

Step 1: Enter Transaction code AB08 in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Posting → Reverse Document →Other Asset Document (**AB08)**



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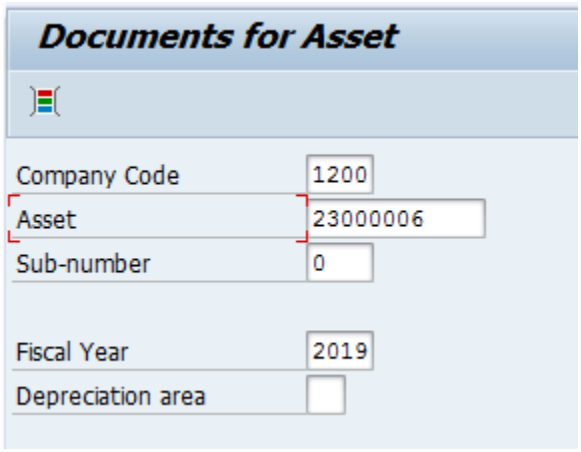
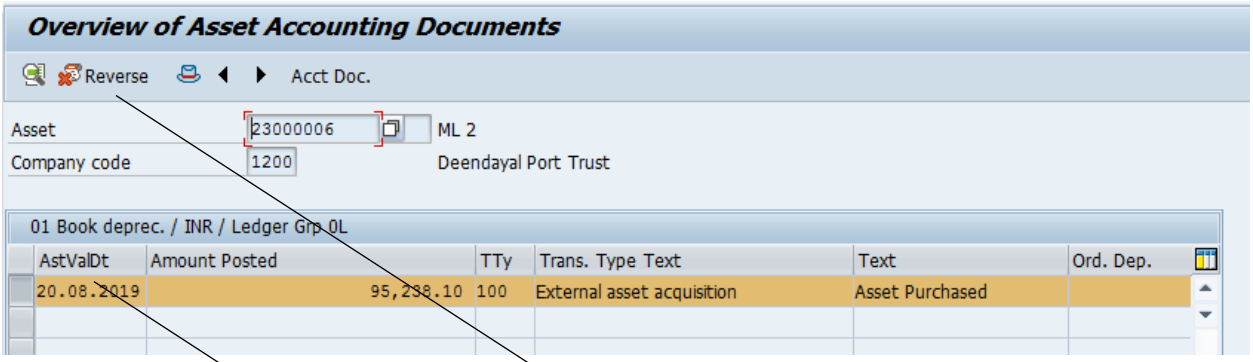
Step 2: Double click on "**AB08**" the system will open the below screen.



Step 3: Provide the values as shown above and press enter.



Step 4: Select the **"Line item"** and click on **"Reverse"** then the system will open the below window screen.

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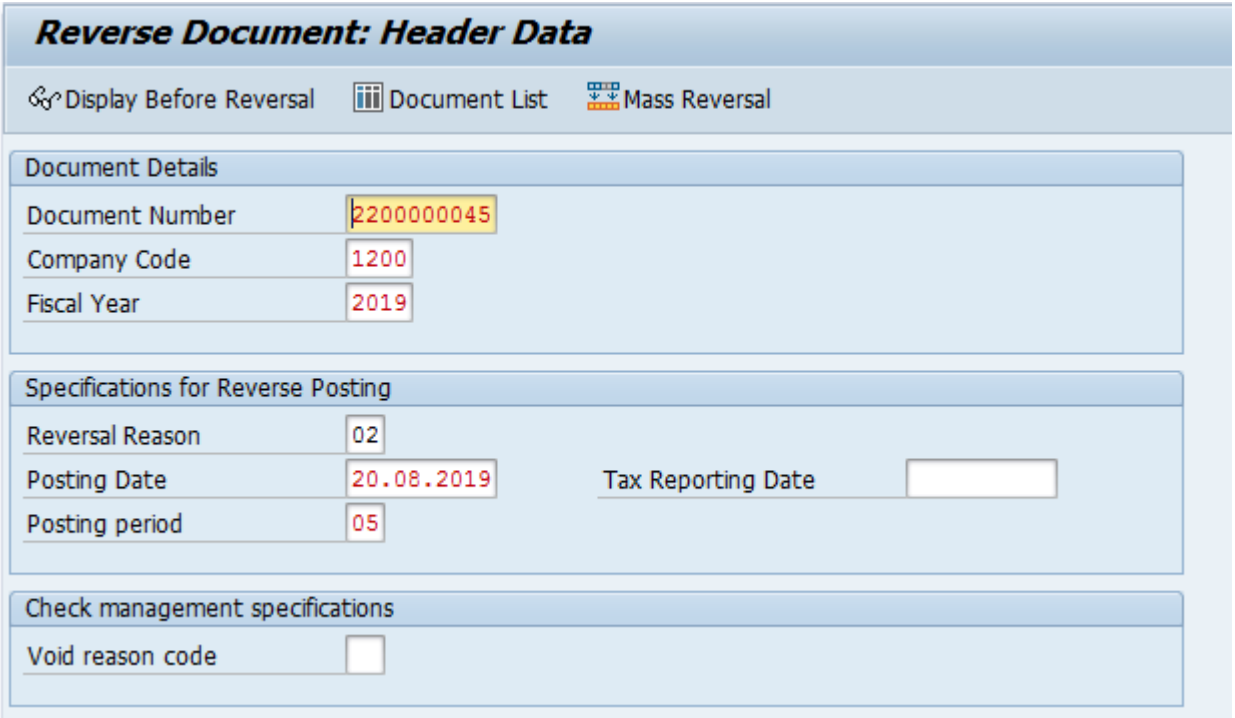
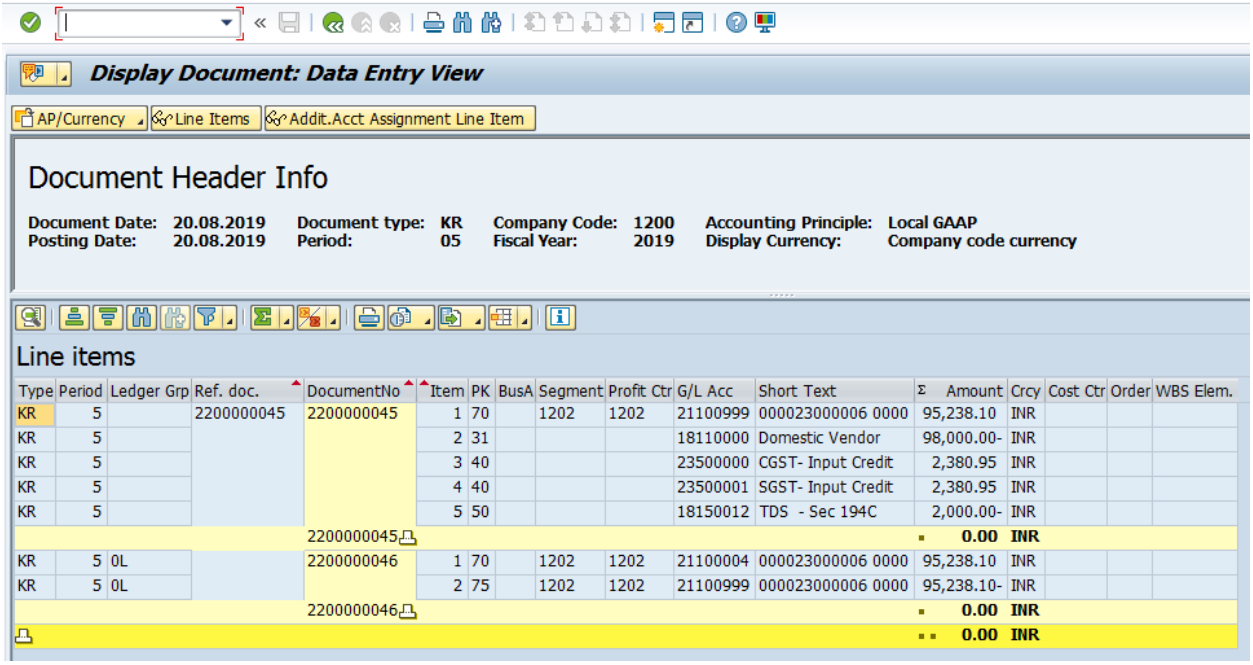


Step 5: Provide the values as shown above and click on "**Continue**" then the system will open the below screen.



Type	Period	Ledger Grp	Ref. doc.	DocumentNo	Item	PK	BusA	Segment	Profit Ctr	G/L Acc	Short Text	Amount	Crcy	Cost Ctr	Order	WBS Elem.
KR	5		2200000045	2200000045	1	70		1202	1202	21100999	000023000006 0000	95,238.10	INR			
KR	5				2	31				18110000	Domestic Vendor	98,000.00-	INR			
KR	5				3	40				23500000	CGST- Input Credit	2,380.95	INR			
KR	5				4	40				23500001	SGST- Input Credit	2,380.95	INR			
KR	5				5	50				18150012	TDS - Sec 194C	2,000.00-	INR			
				2200000045								**0.00**	**INR**			
KR	5	0L		2200000046	1	70		1202	1202	21100004	000023000006 0000	95,238.10	INR			
KR	5	0L			2	75		1202	1202	21100999	000023000006 0000	95,238.10-	INR			
				2200000046								**0.00**	**INR**			
												0.00	**INR**			

Step 6: Post the document. To post click on **"Post".** Once the document is posted the system will propose the below message.

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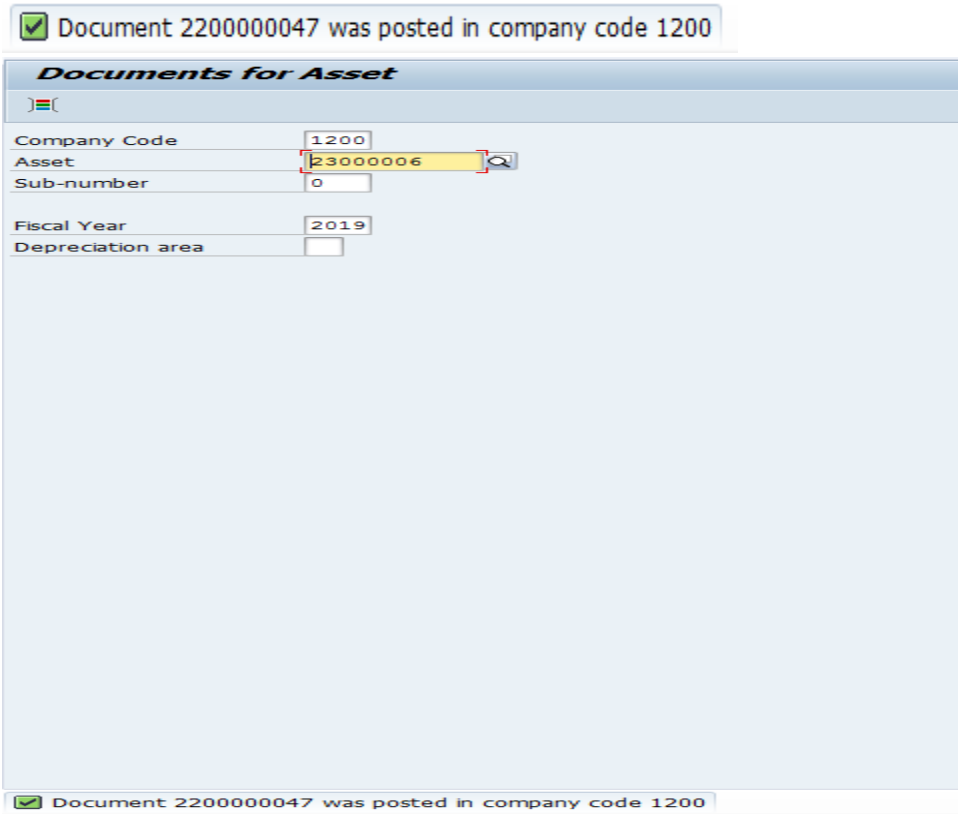
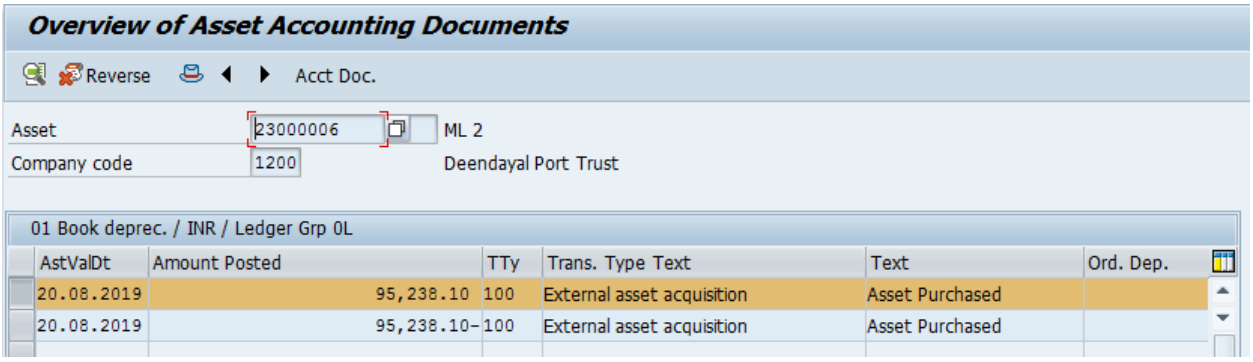


Press enter to view the result of the asset reversal.



As per the above screen shown, the asset has been reversed.

Now go and check in AW01N – Asset Explorer:

Step 1: Enter Transaction code AW01N in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Asset Explorer (**AW01N)**

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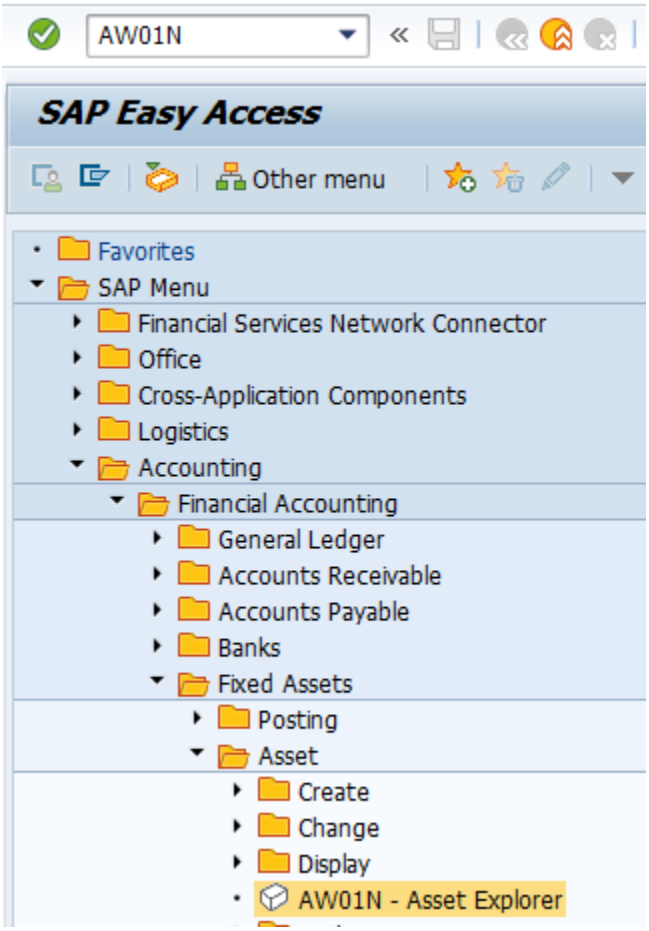

Step 2: Double click on "**AW01N**" the system will open the below screen

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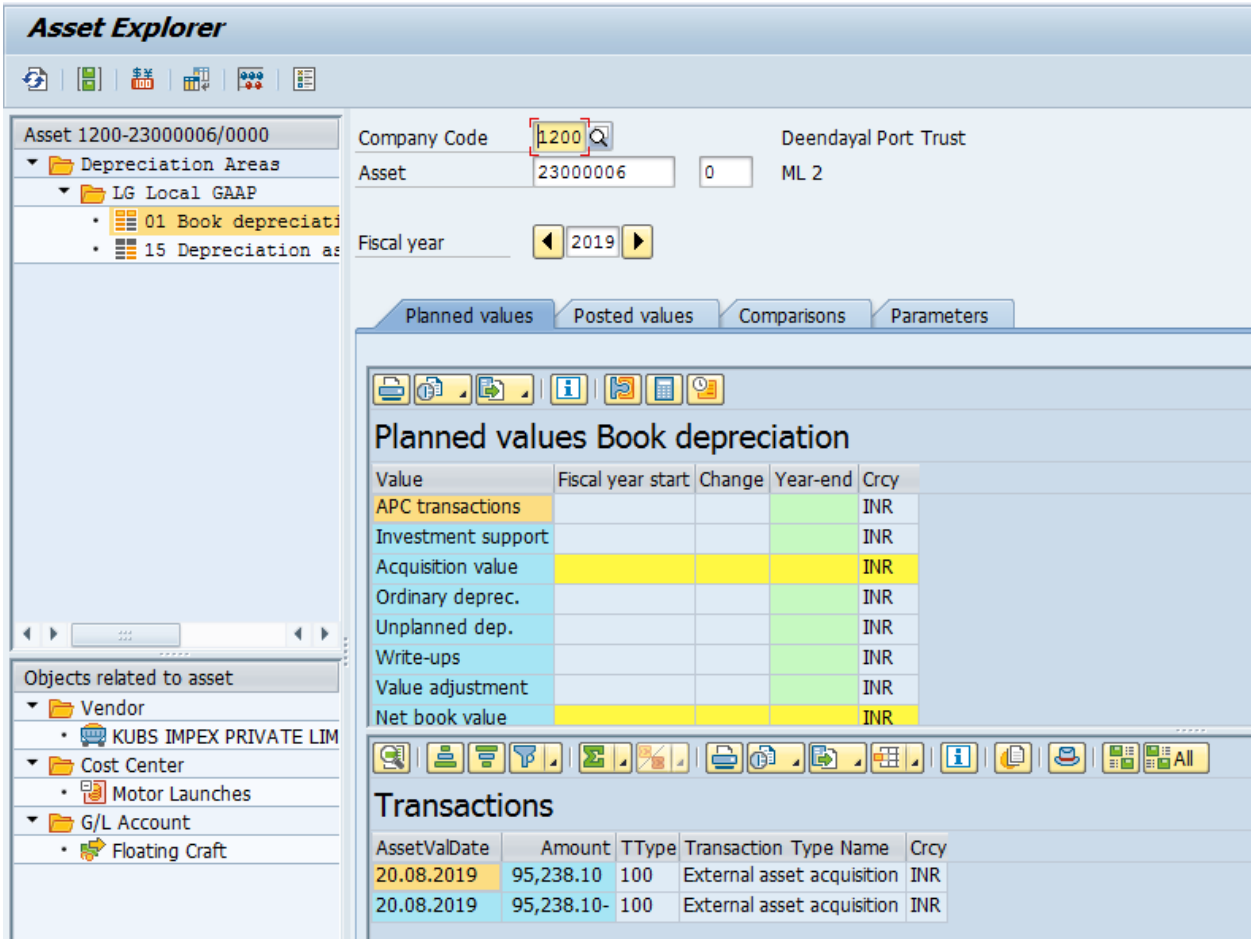

As per the above screen shown, after the asset reversed the asset value is become as Zero.

Follow the above same procedure for AUC Asset Reverse also but instead of using transaction code AB08 use the Transaction code AIST.

AIST - Capitalize Asset u. Const. (This Transaction can only be used for AUC Asset Reversal)

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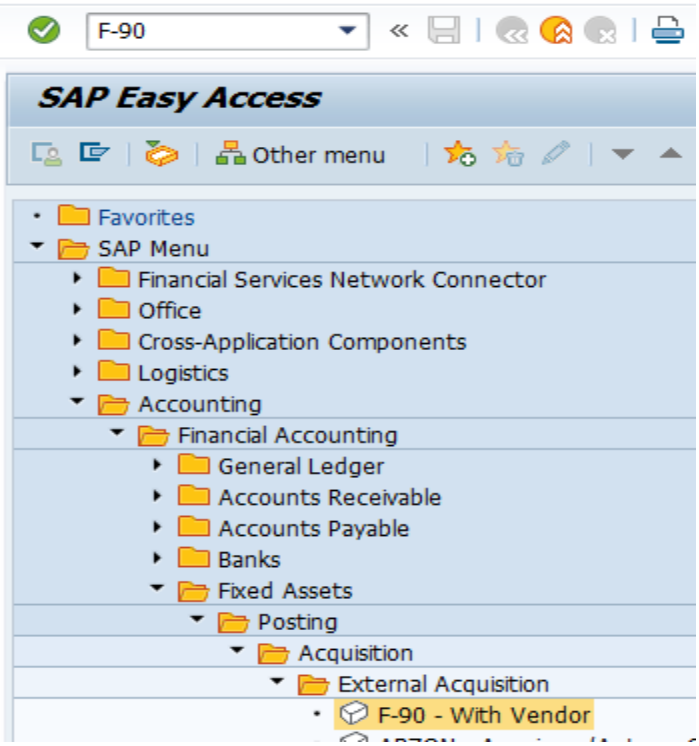
9.Capitalizing AUC Asset

The below transaction code which we can use for asset procurement in FI module Transaction code (F-90 - With Vendor)

Step 1: Enter Transaction code F-90 in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Posting Acquisition→ External Acquisition → F-90(With Vendor)



Step 2: Double click on "F-90" the system will open the below screen
In the next screen, enter the required details as below

Company code details can be selected from **Company code list data**

Below are the fields for Header Level:

Document Date, Posting Date, Company Code, Currency, Reference, and Doc.Header Text etc.....

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Below are the fields for Line Item Level:

Posting Key

Asset Account (Asset Number)

Transaction Type (Mandatory for Asset line item) Vendor Account

Amount Business Place

Section Code (Mandatory if TDS is applicable) Tax Code (Mandatory if TAX is applicable) Assignment

Text (As per the below Screen)

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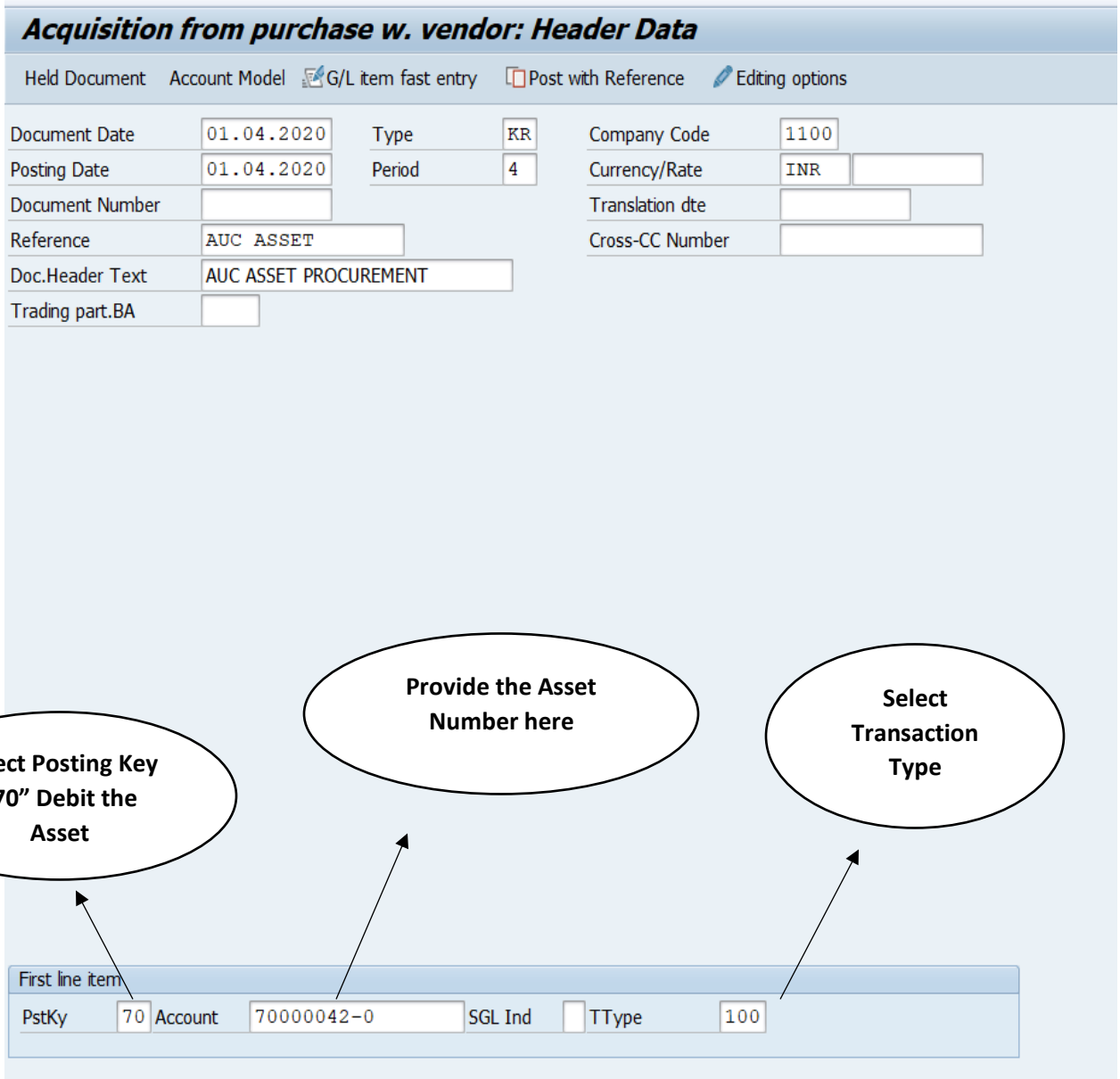

Step 3: Provide the values as shown above and press enter

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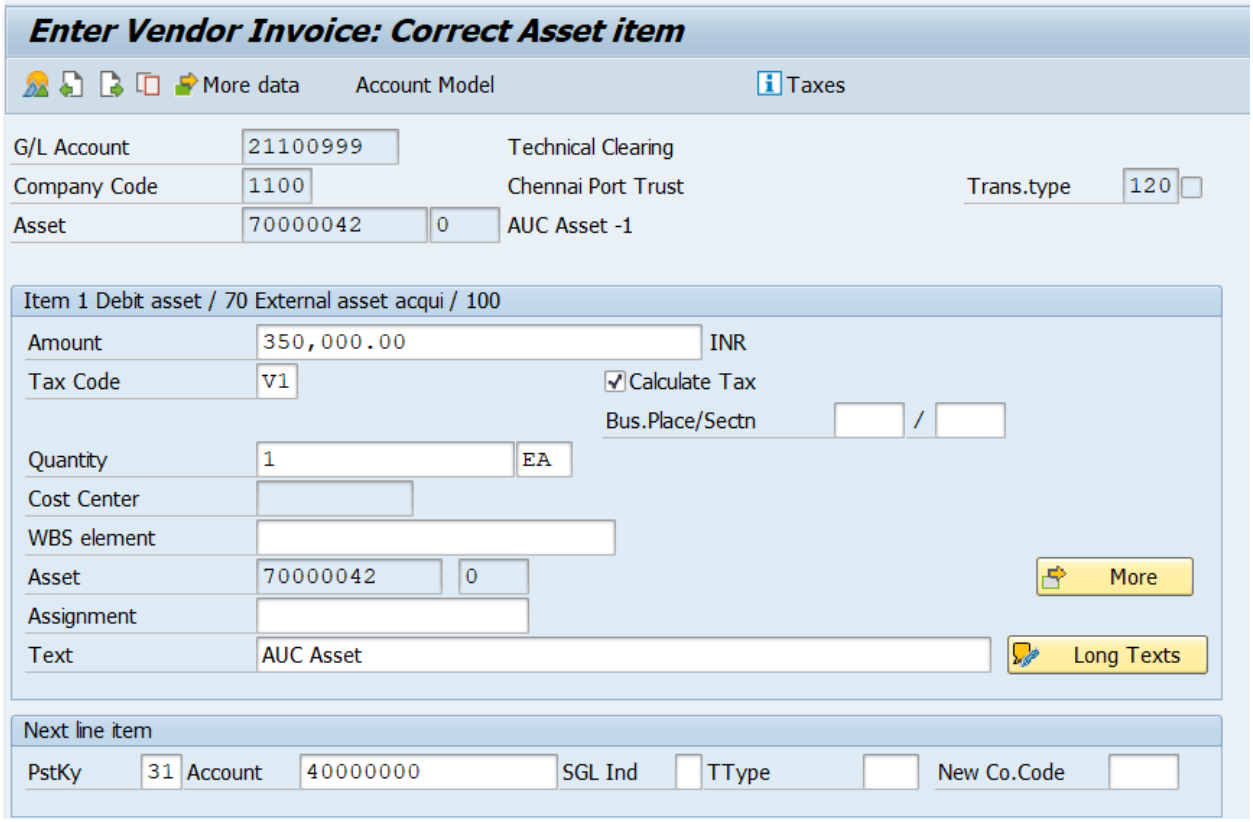

Step 4: Provide the values as shown above and press enter

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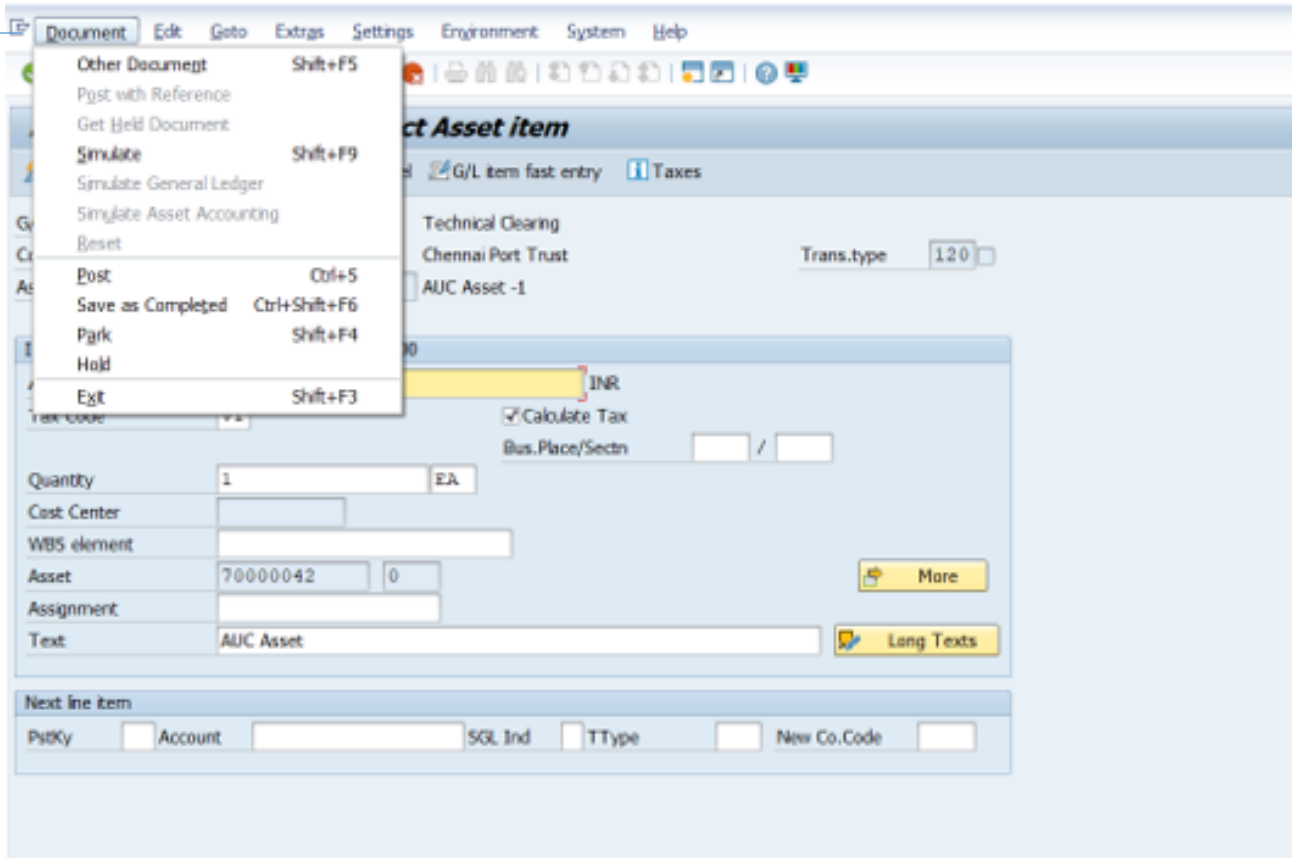

Step 5: Provide the values as shown above and go to menu bar and click on “Document” and click on “Simulate”

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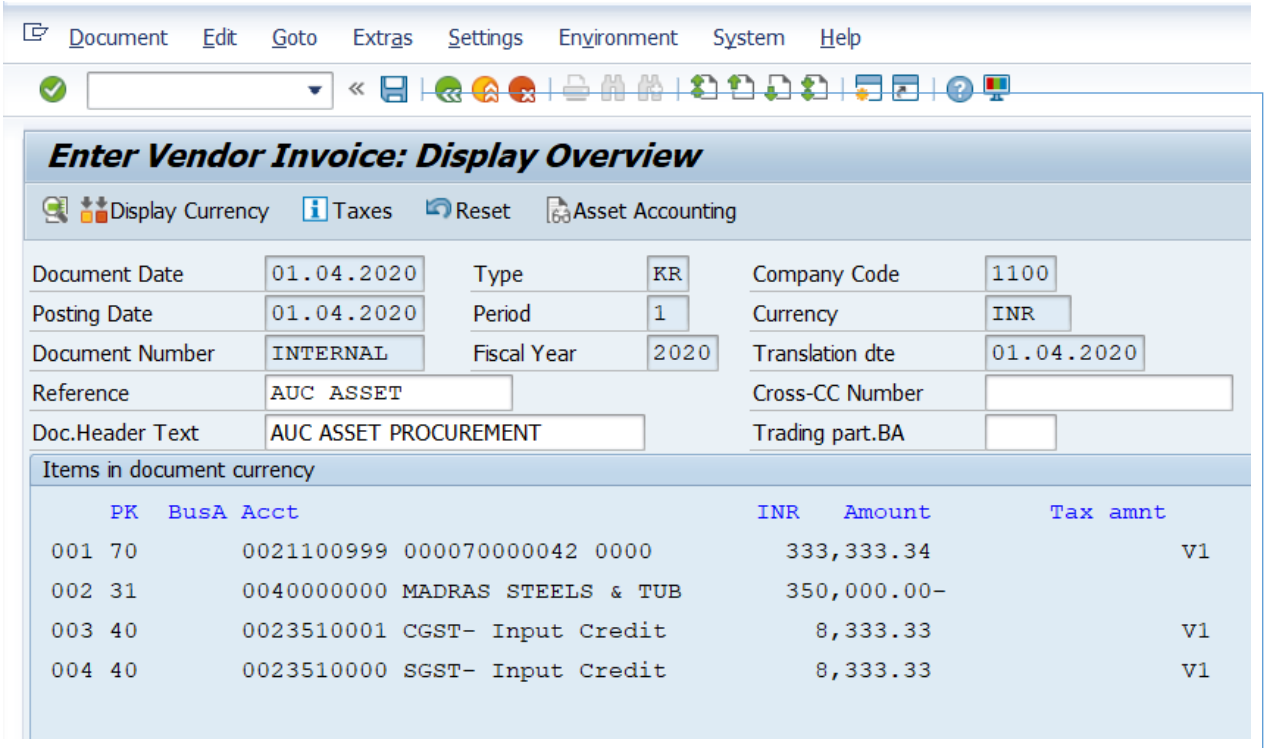

Step 6: Check and verify the line items and post the document. To post click on "**Post**". Once the document is posted the system will propose the below message.

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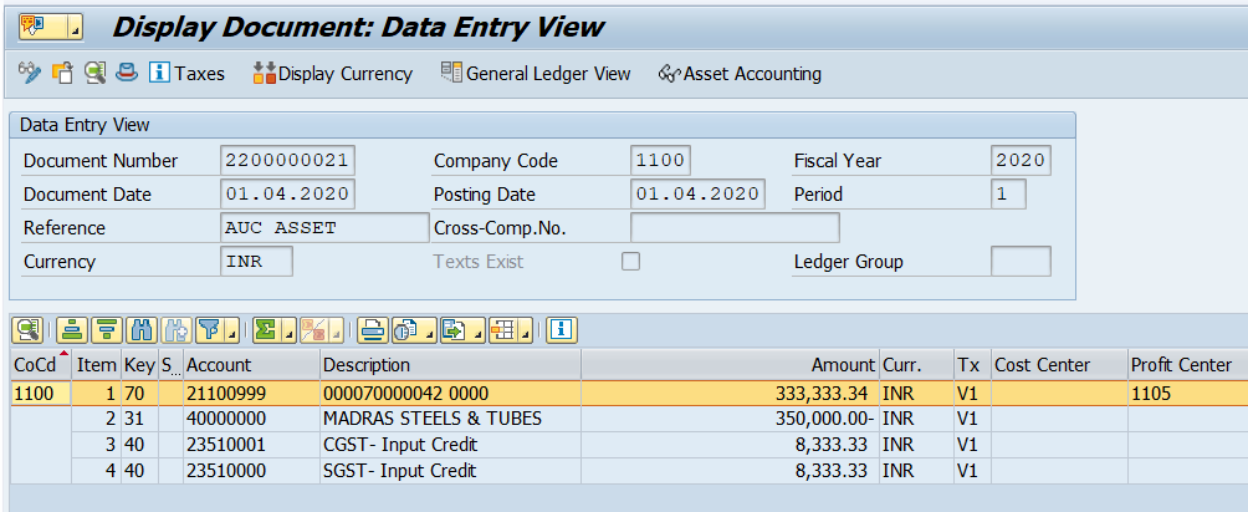

Display of posted document:

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Posting →Edit Document → Display Document (AB03)

AB03 – Display (Asset):

Step 1: Enter Transaction code AB03 in command bar (or) Follow the below navigation path

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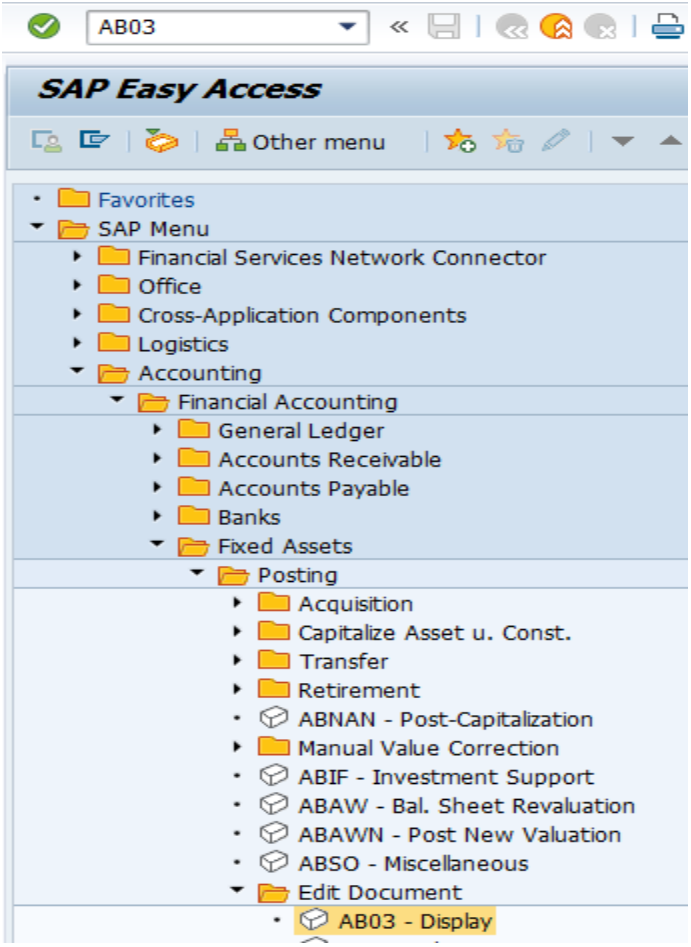

Step 2: Double click on "AB03" the system will open the below screen

In the next screen enter the required details as below Company code

Asset Number

Sub-Number

Fiscal Year

Company code details can be selected from **Company code list data**

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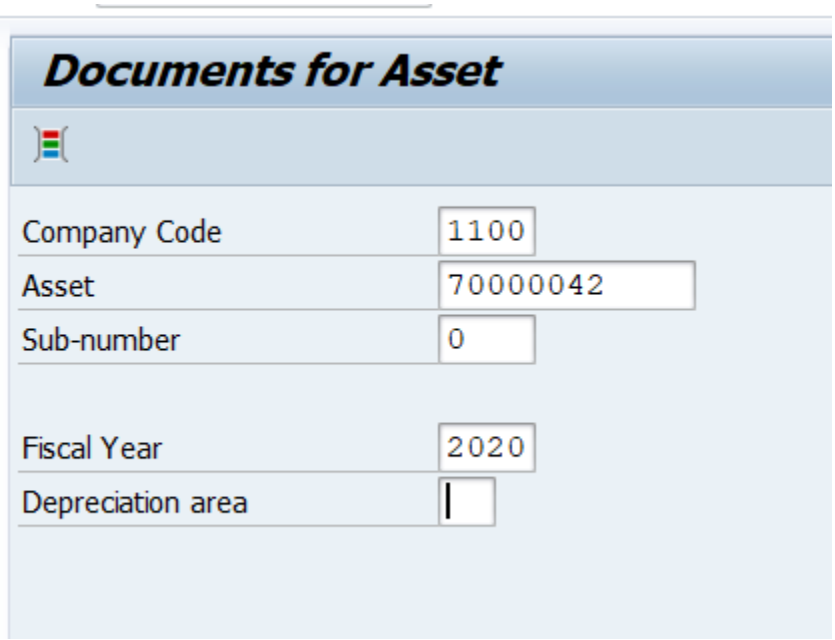
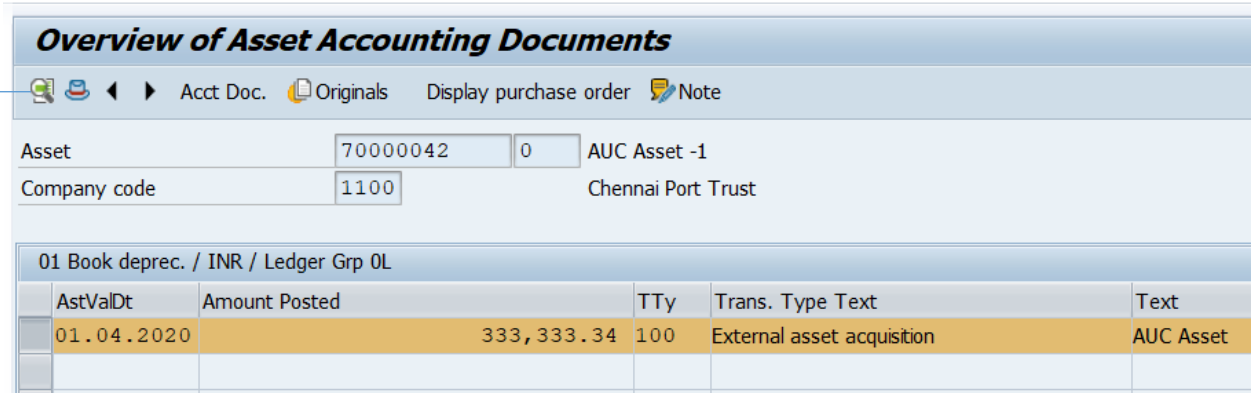


Step 3: Provide the values as shown above and press enter



Step 4: Click on "Detail"

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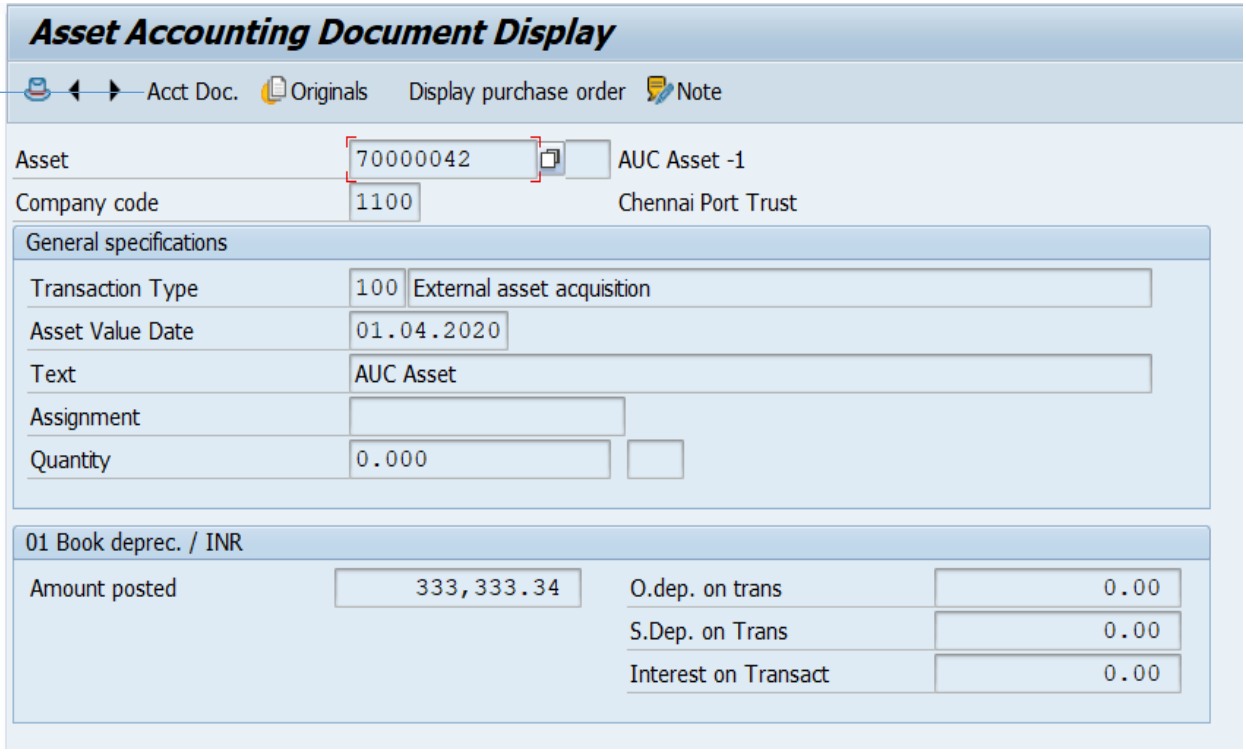
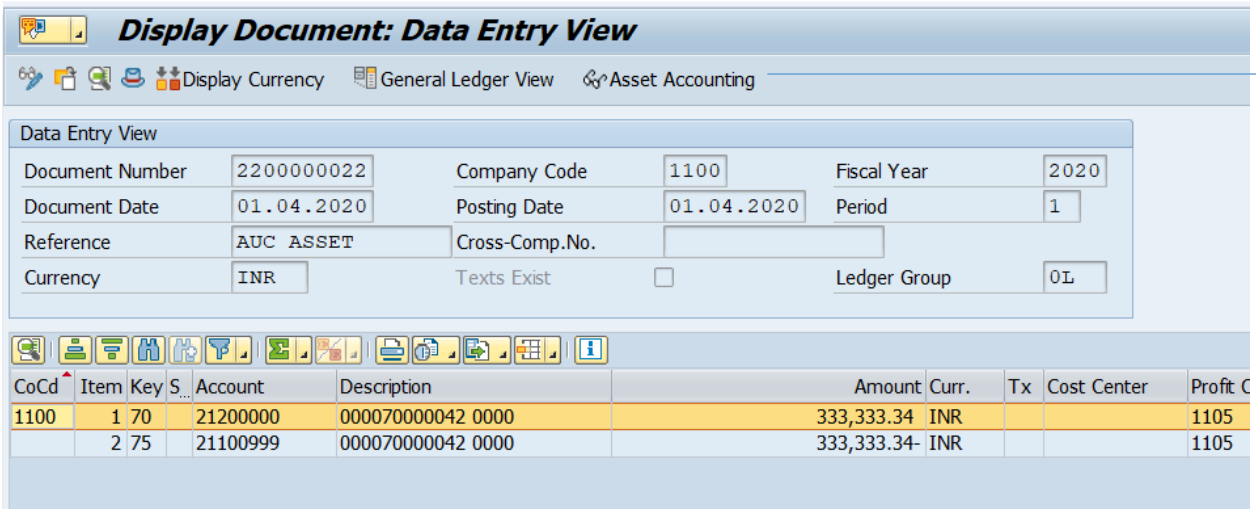


Step 5: Click on **"Accounting Document"**



Step 6: Click on **"Asset Accounting"**

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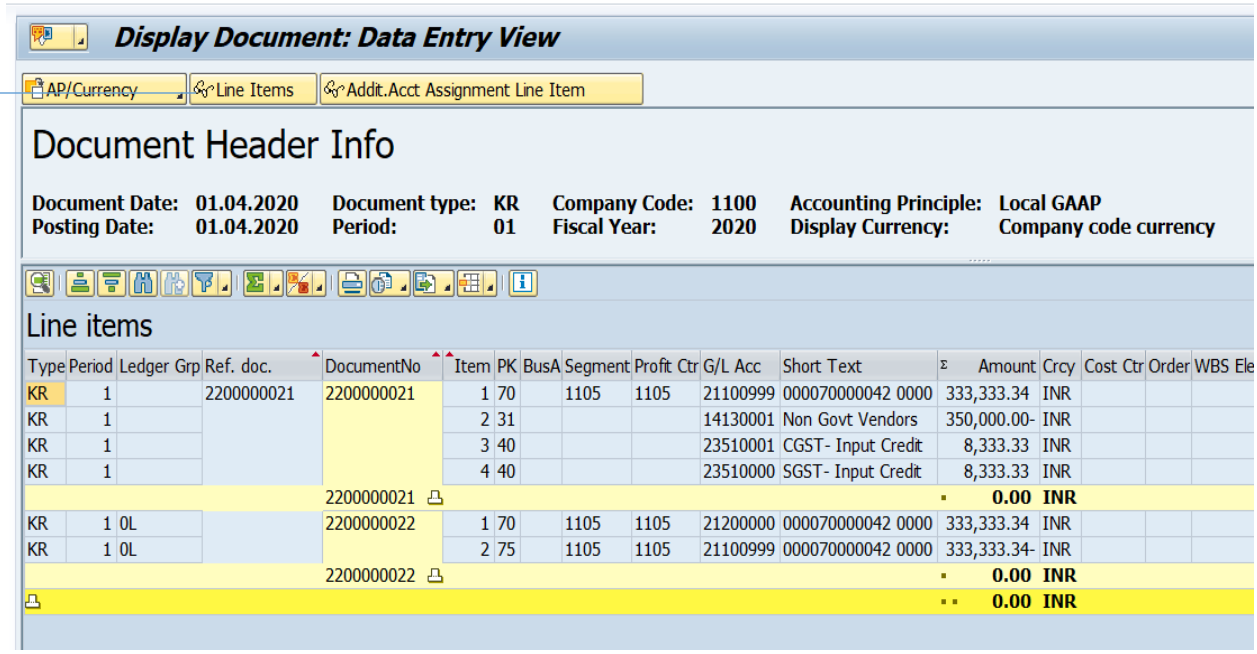

Type	Period	Ledger Grp	Ref. doc.	DocumentNo	Item	PK	BusA	Segment	Profit Ctr	G/L Acc	Short Text	Amount	Crcy	Cost Ctr	Order	WBS Ele
KR	1		2200000021	2200000021	1	70		1105	1105	21100999	000070000042 0000	333,333.34	INR			
KR	1				2	31				14130001	Non Govt Vendors	350,000.00-	INR			
KR	1				3	40				23510001	CGST- Input Credit	8,333.33	INR			
KR	1				4	40				23510000	SGST- Input Credit	8,333.33	INR			
				2200000021								**0.00**	**INR**			
KR	1	0L		2200000022	1	70		1105	1105	21200000	000070000042 0000	333,333.34	INR			
KR	1	0L			2	75		1105	1105	21100999	000070000042 0000	333,333.34-	INR			
				2200000022								**0.00**	**INR**			
												0.00	**INR**			

Step 7: Click on **"Line Items"**

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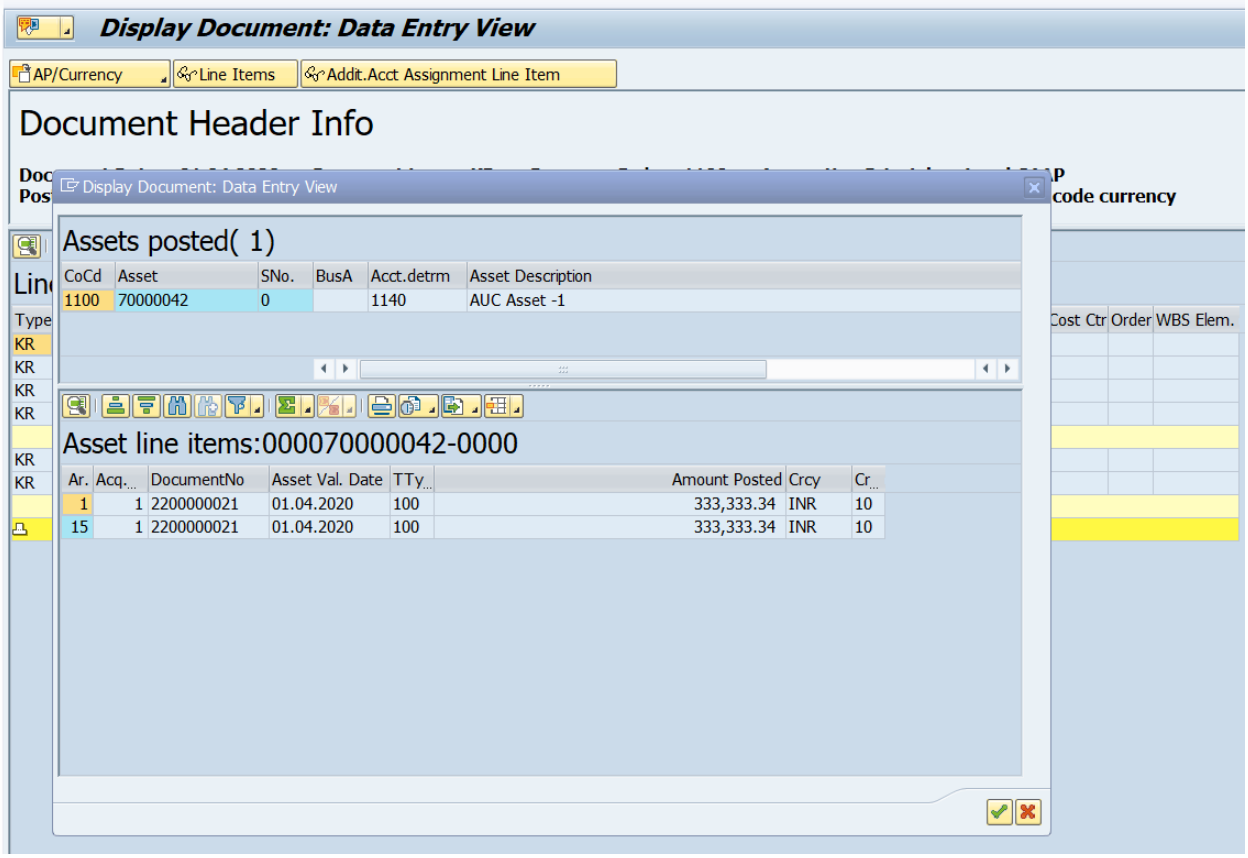

AW01N – Asset Explorer (To view the asset details):

Step 1: Enter Transaction code AW01N in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Accounting → Financial Accounting→ Fixed Asset → Asset → Asset Explorer (AW01N)

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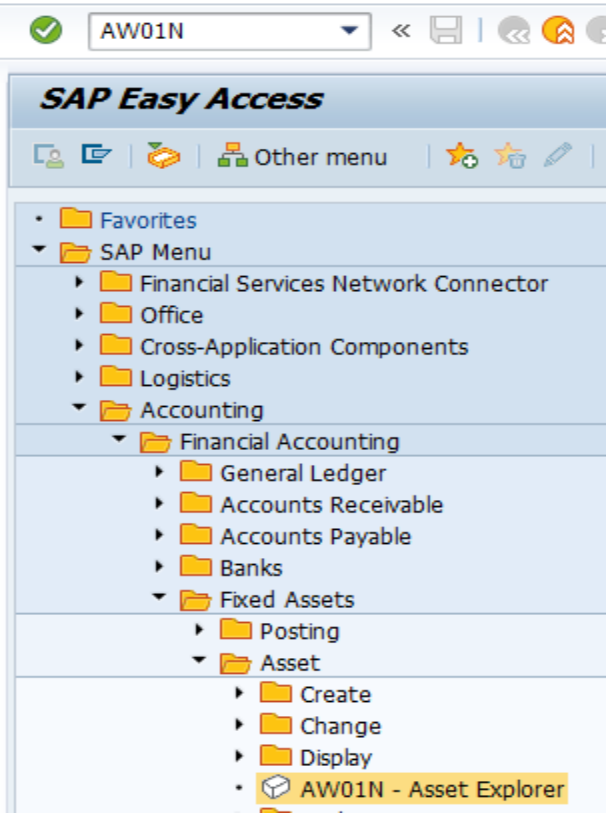

Step 2: Double click on "AW01N" the system will open the below screen

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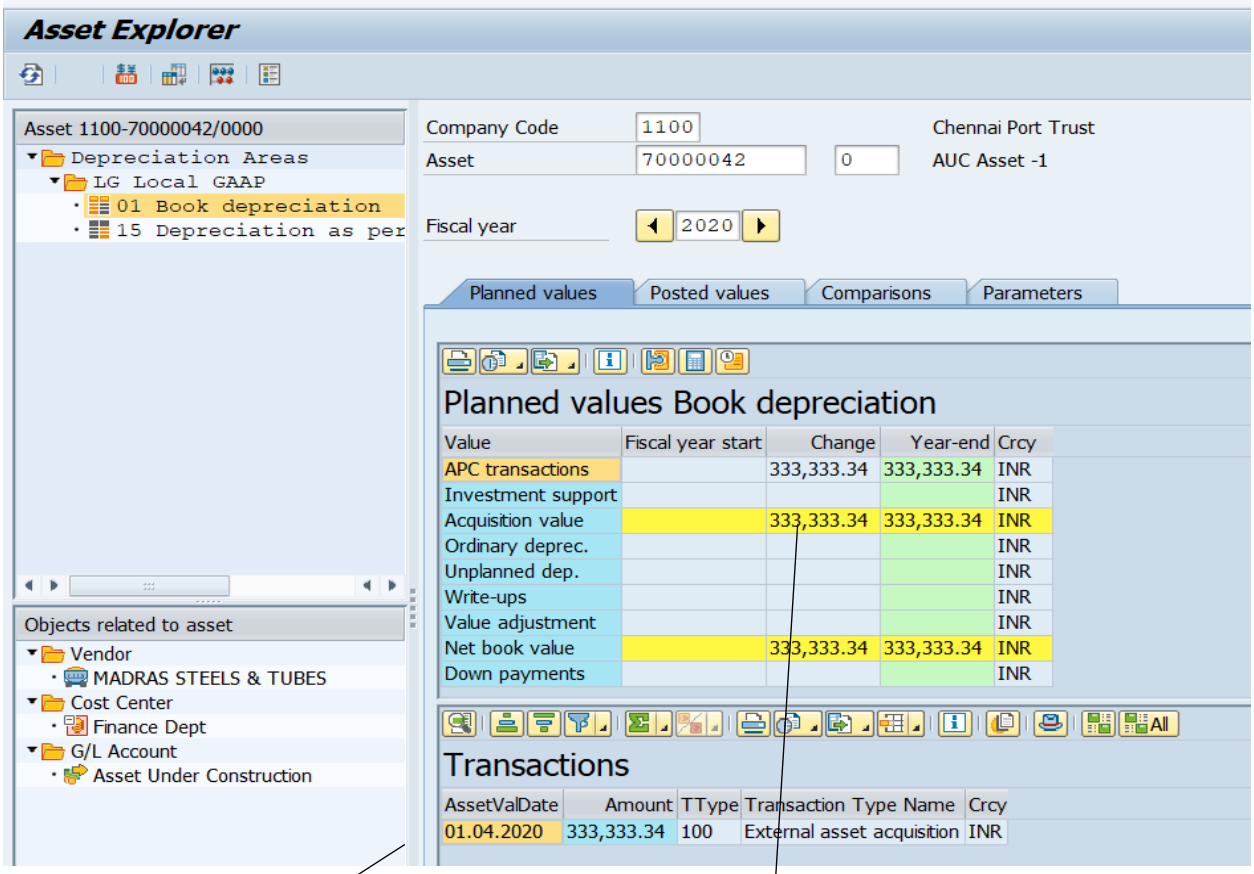

Double Click on Line item "Asset Value Date" to view the related Accounting Document

Planned Depreciation for the Year 2020

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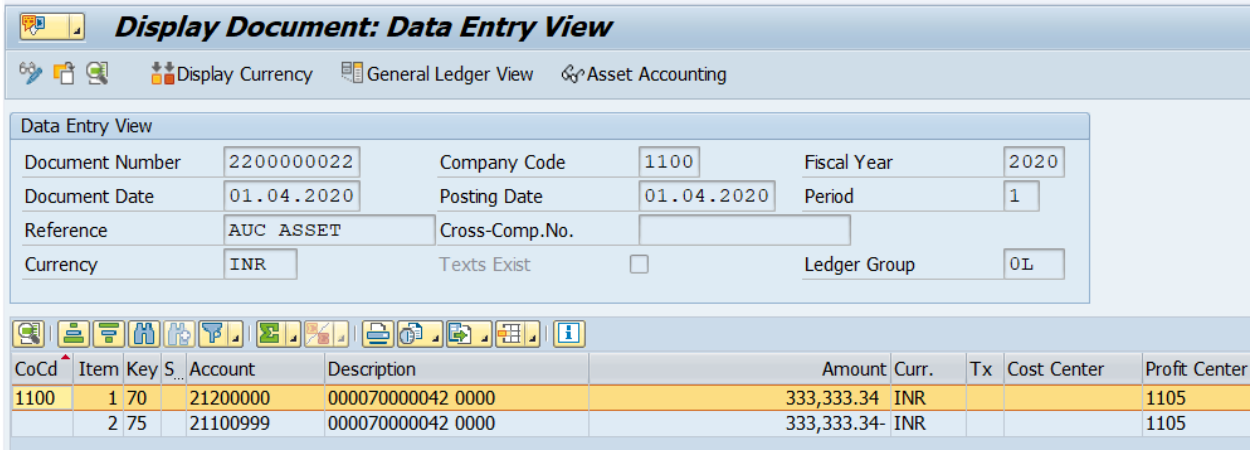

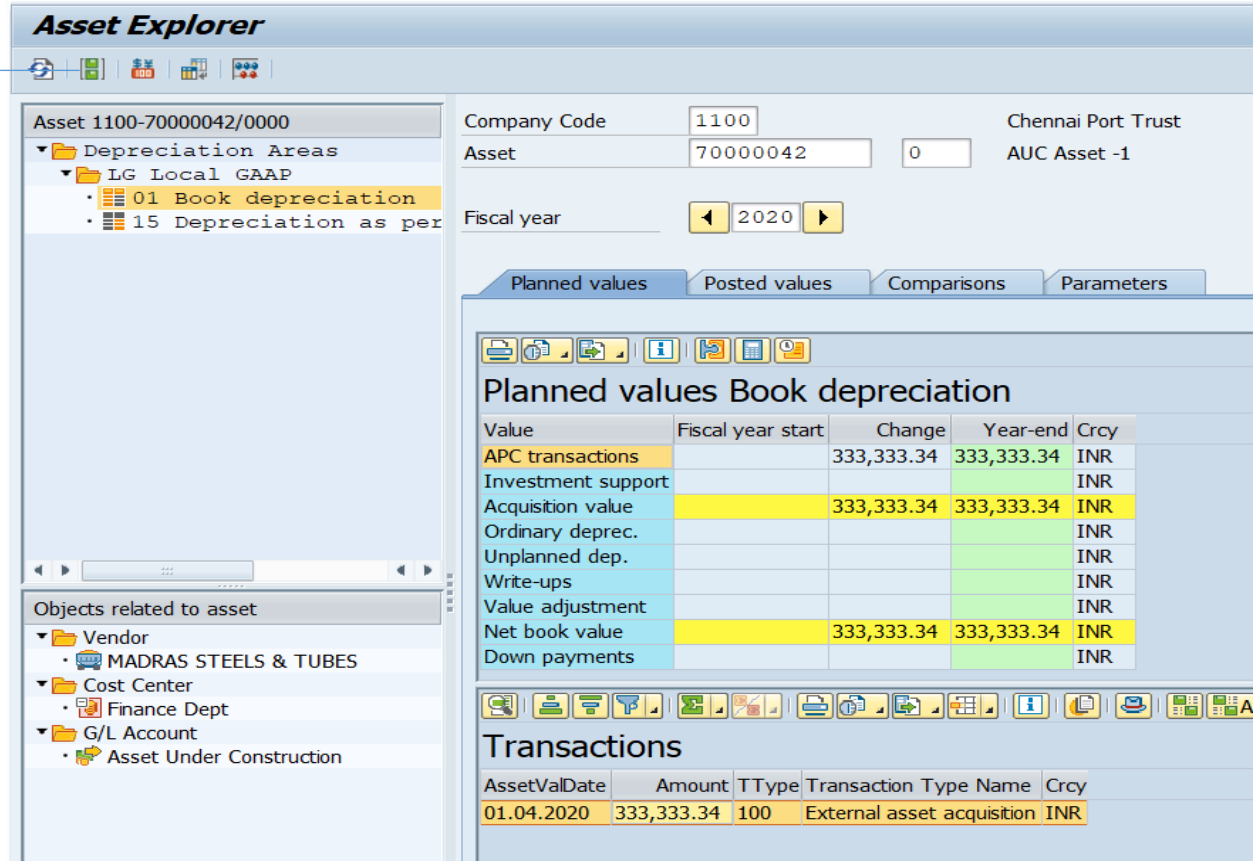

Click on **"Display Master Data"** to view the asset master details

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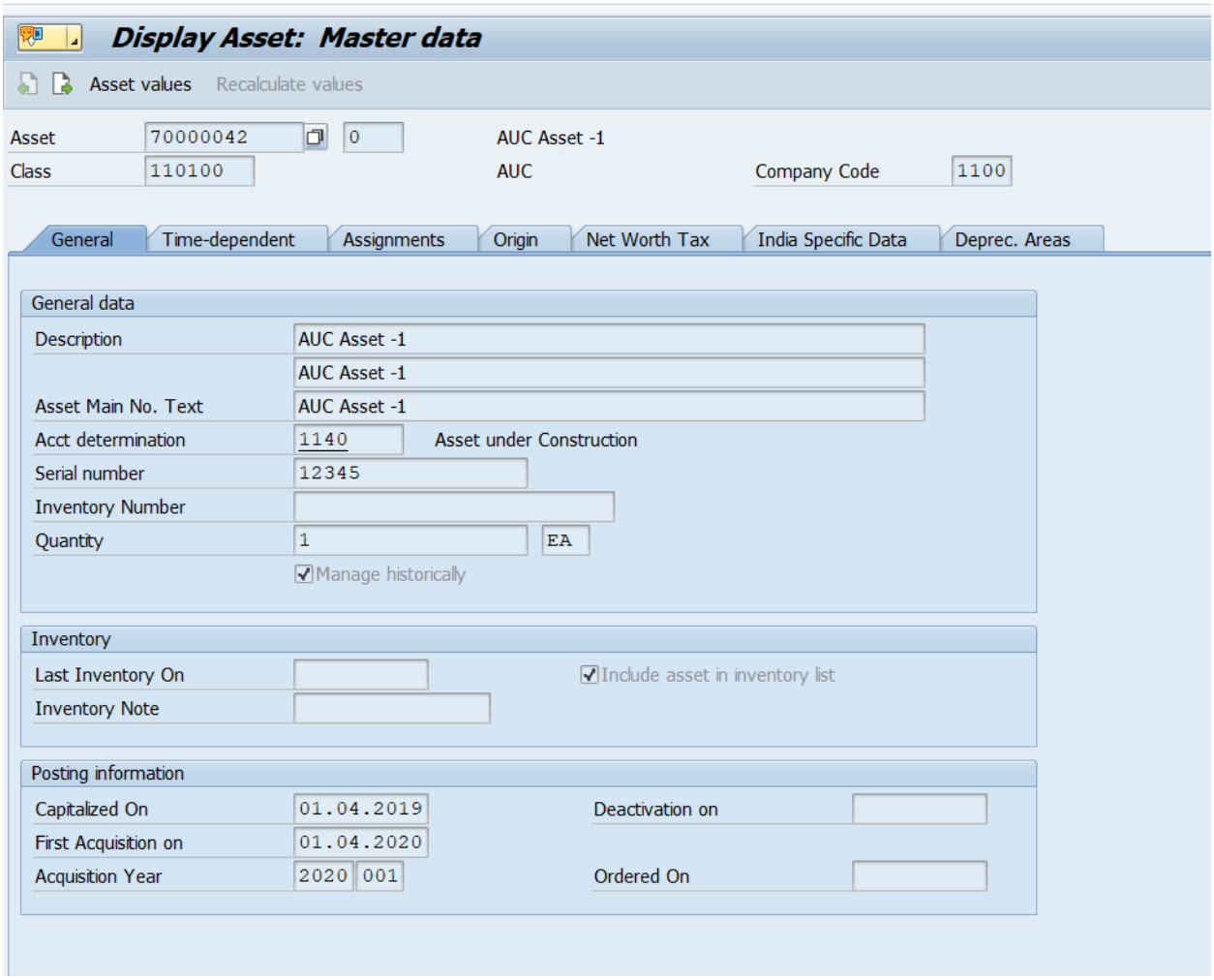

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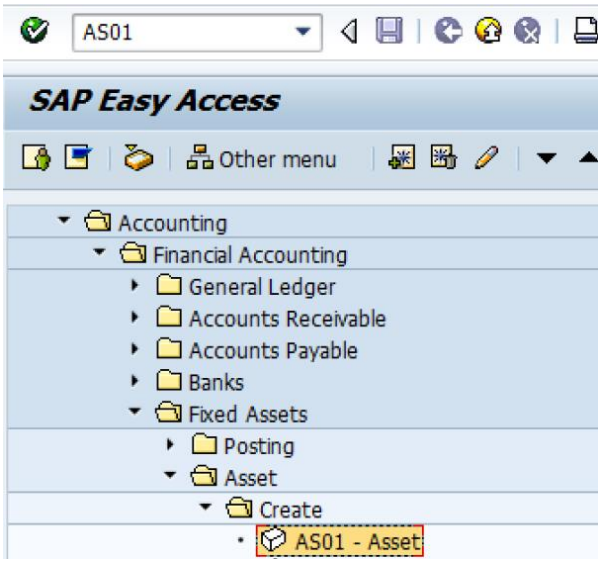
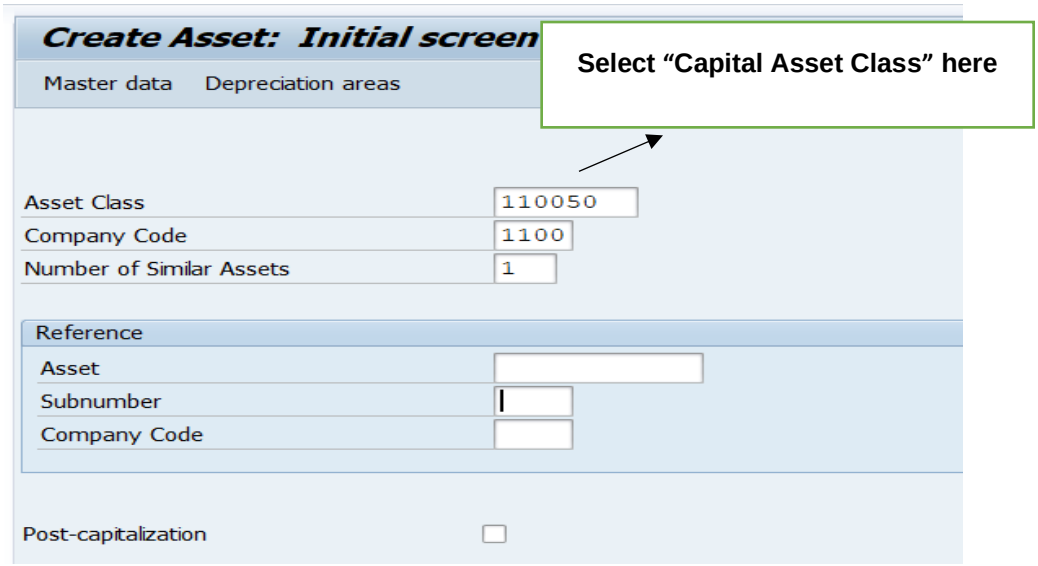
AIAB - AUC to Capital Asset Settlement:

AS01 – Capital Asset Creation:

Step 1: Enter Transaction code AS01 in command bar (or) Follow the below navigation path



Step 2: Double click on AS01 the system will open the below screen



Step 3: Provide the values as shown above and press enter the system will open the below screen

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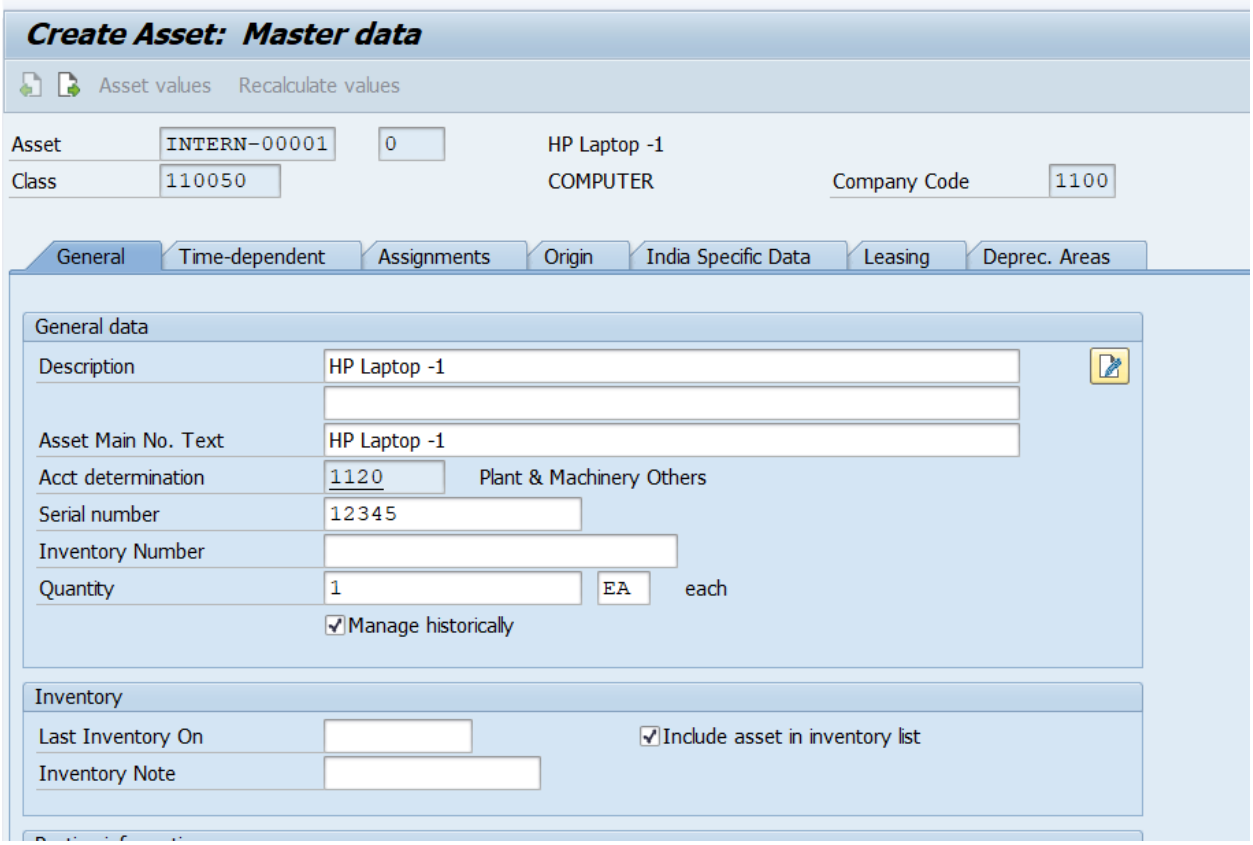

Step 4: provide the values as shown above and click on "Time-dependent"

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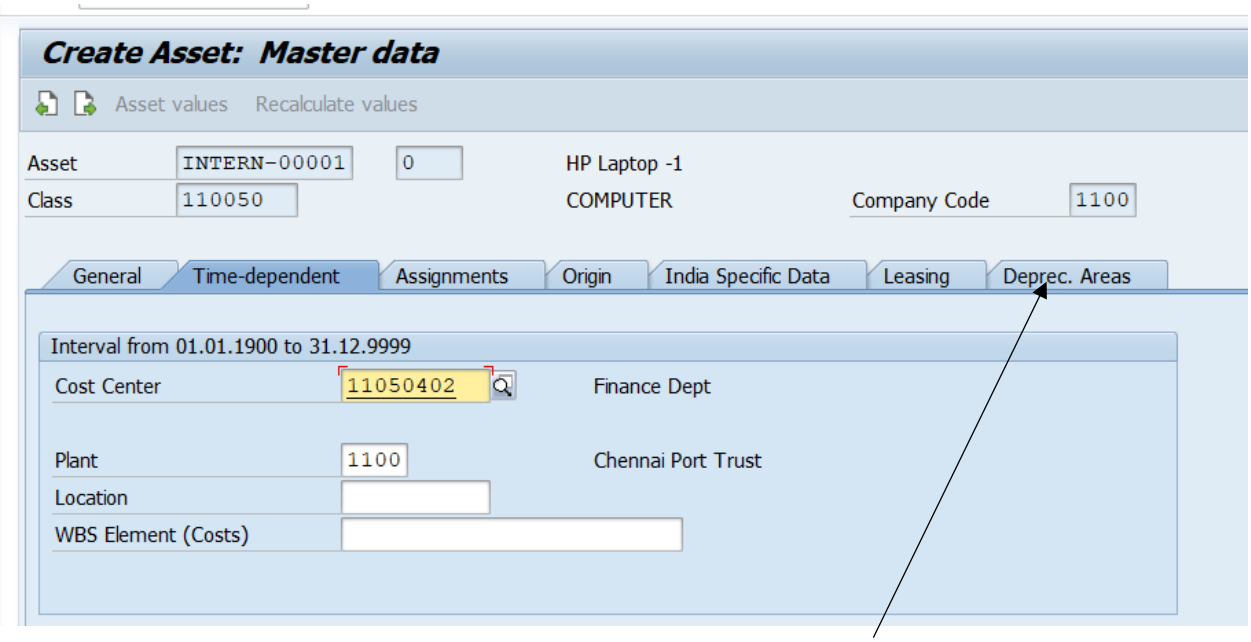
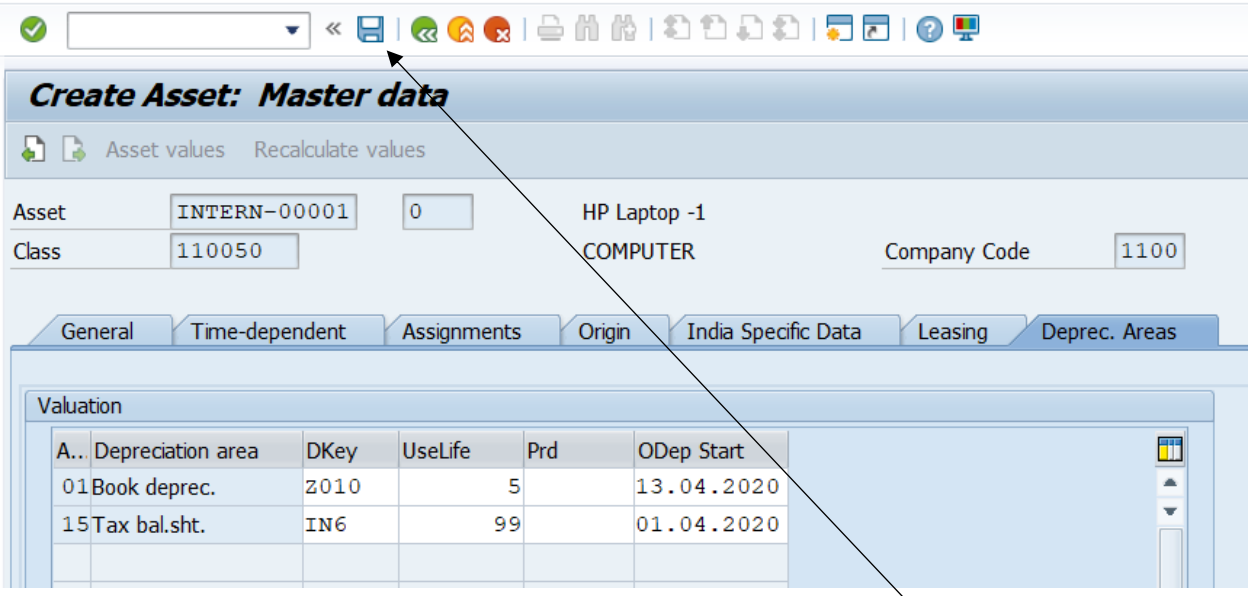
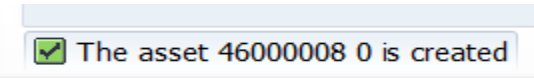


Step 5: Provide the values as shown above and click on “Depreciation Areas”



Step 6: Provide the values as shown above and save. To save click on “Save”.



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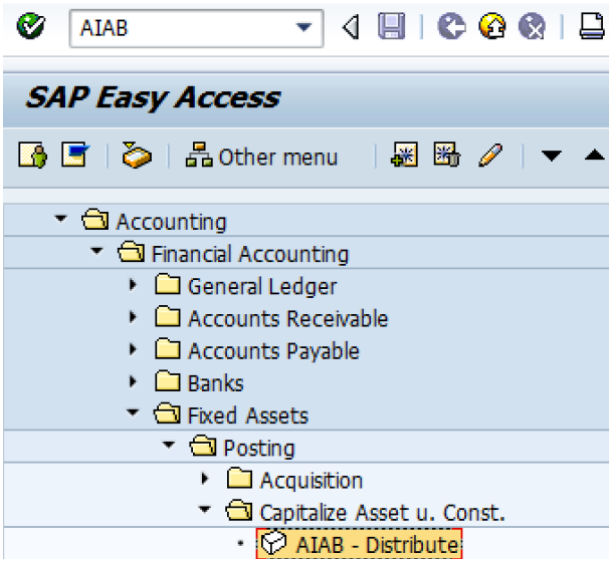
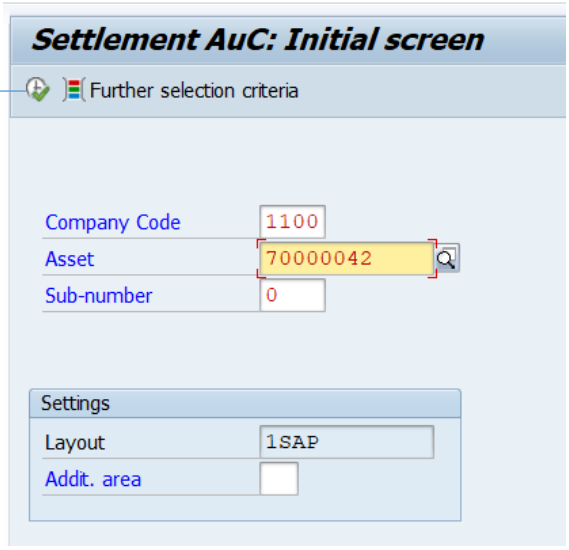
AIAB – AUC to Capital Asset Settlement:

Step 1: Enter Transaction code AIAB in command bar (or) Follow the below navigation path



Step 3: Provide the values as shown above and click on “Execute”



Step 3: Provide the values as shown above and click on “Execute”

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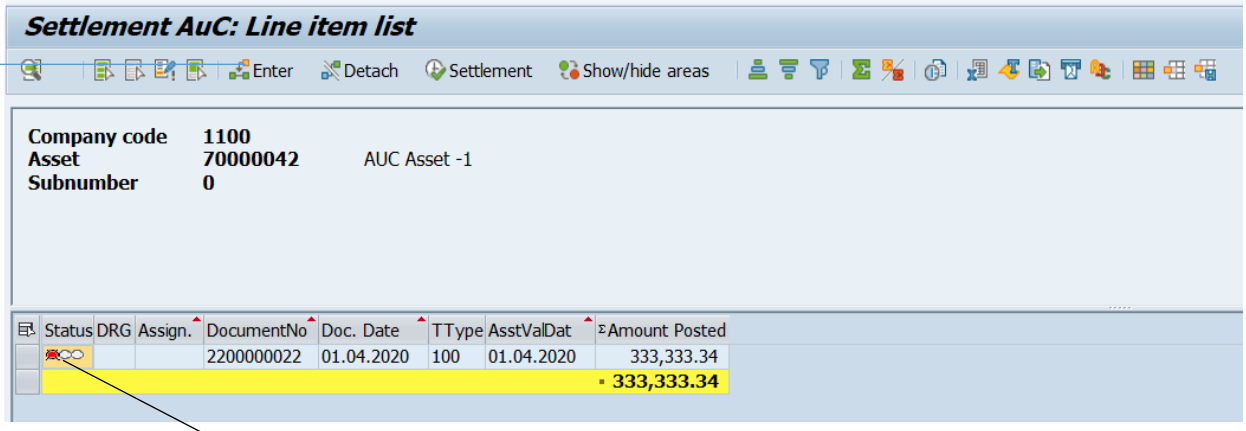
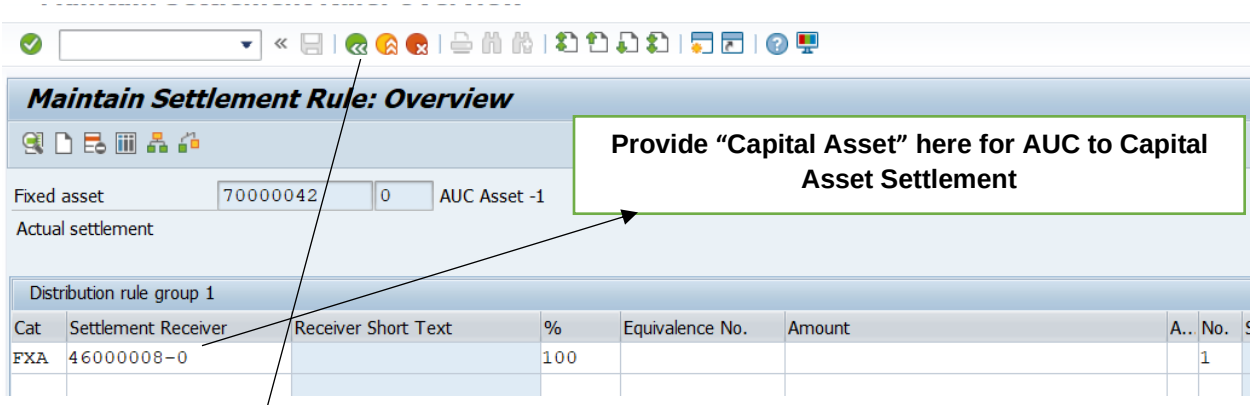
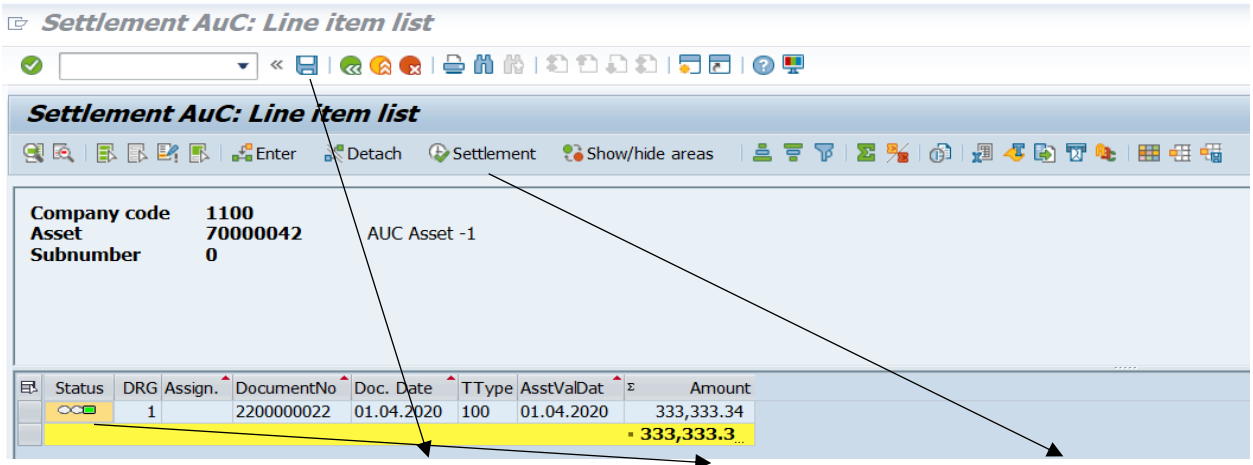


Step 4: Select the line items and click on "Enter distribution rules"



Step 5: Provide the values as shown above and come back to previous screen. To come back click on "Back Arrow button".



Step 6: Save. To save click on "Save". And select the "Line Items" and click on "Settlement".

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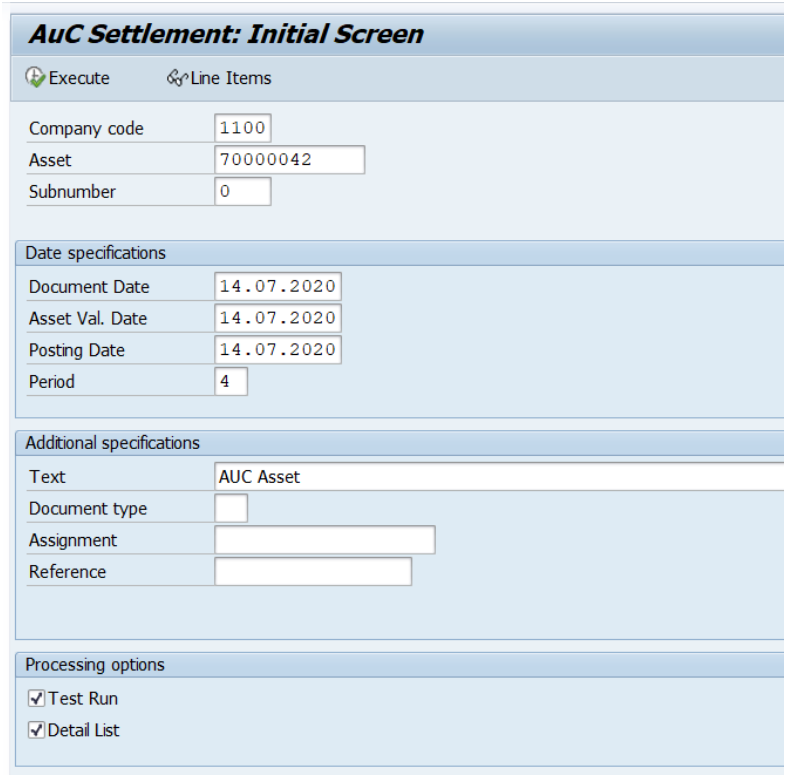
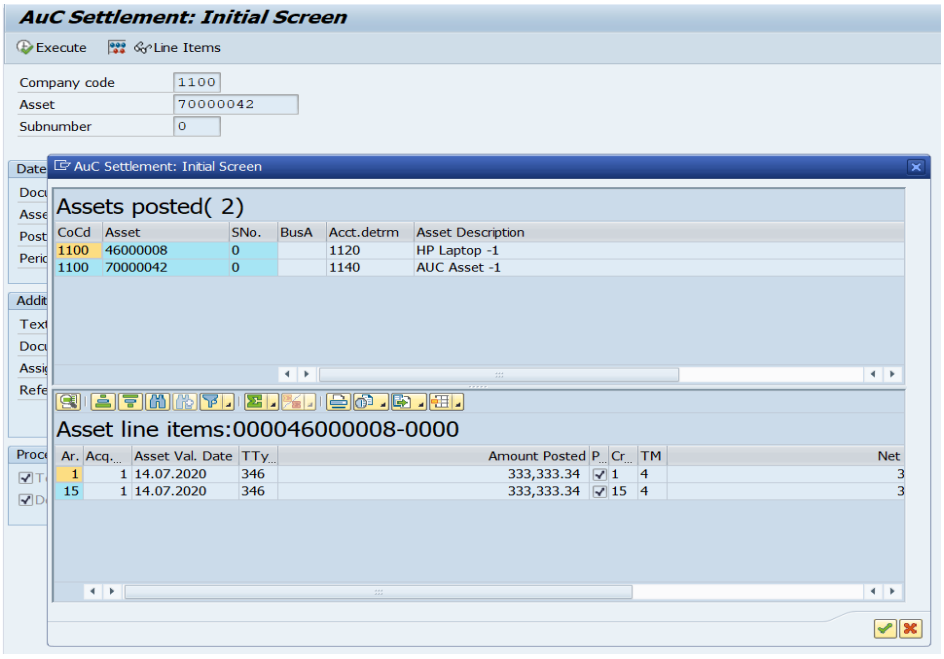


Step 7: Provide the values as shown above and click on "Line Items" to view the asset settlement details



Step 8: Come back to previous screen. To come back click on "Continue".

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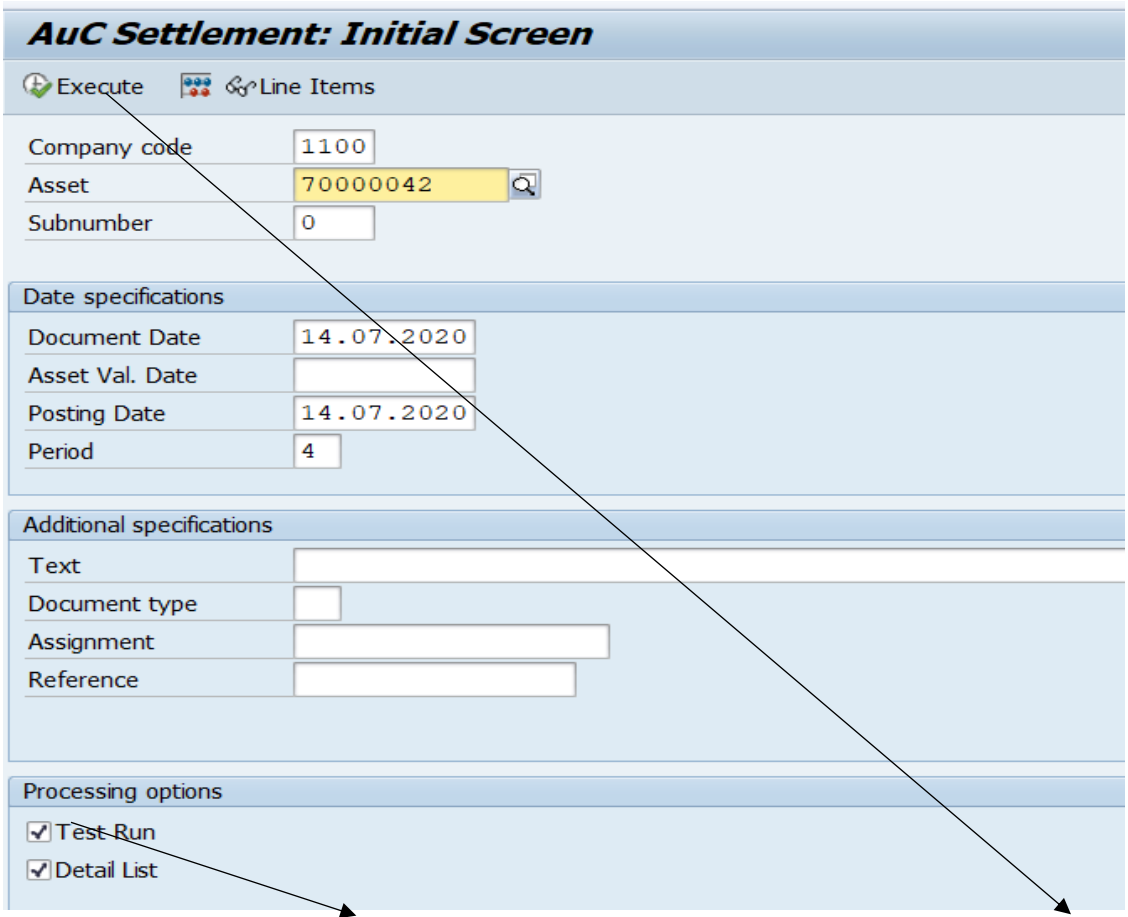
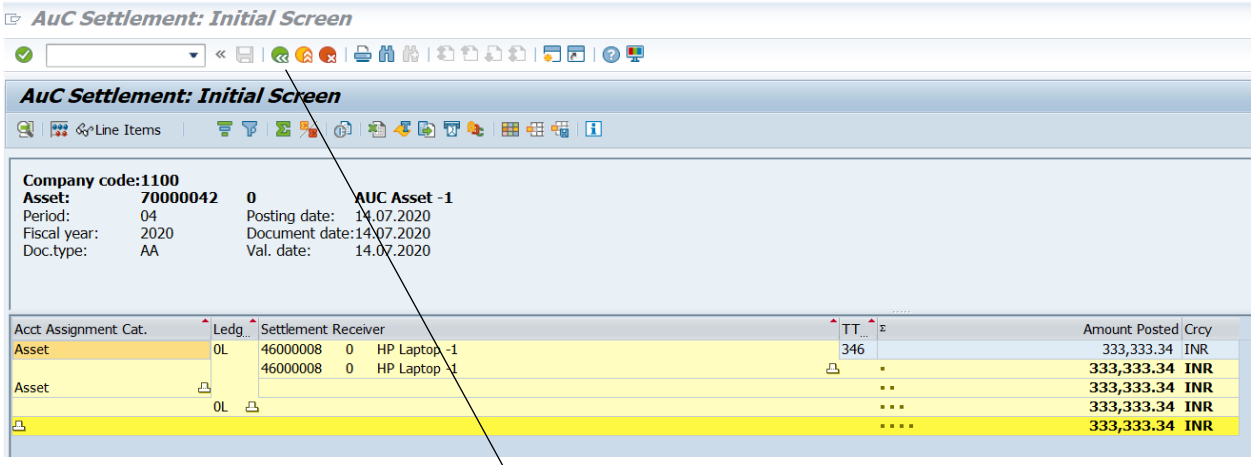


Step 9: First run in "Test Mode". Select the check box of "Test Run" and click on "Execute".

(Test run for check and verify the error is there or not)



Step 10: As per the above screen shown, there is no any error is seems to be. Come back to previous screen. To come back click on " back arrow button".

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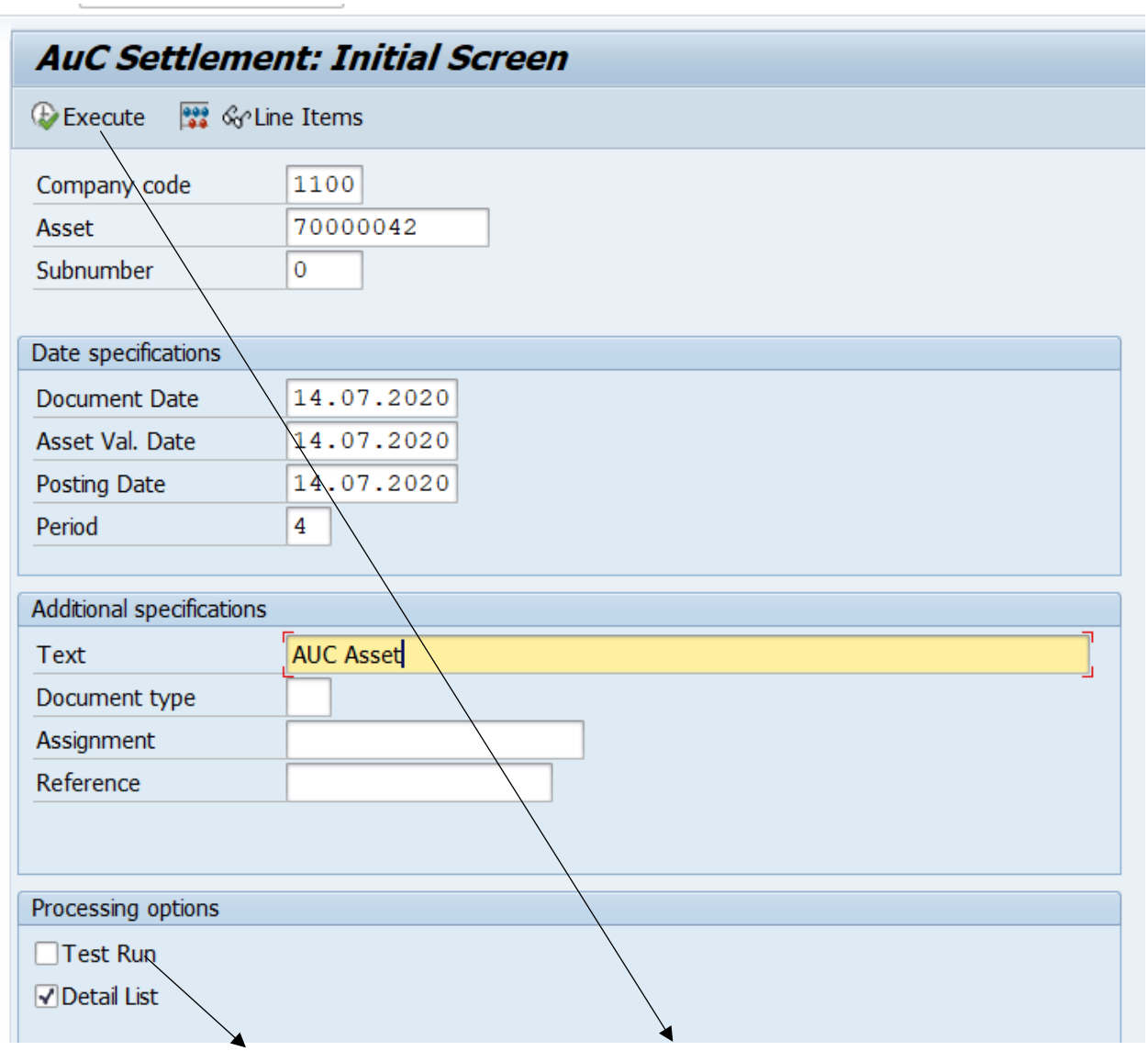
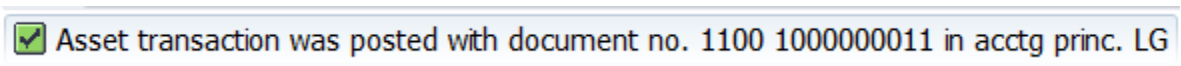


Step 11: Remove "Test Run" check box and click on "Execute". Once settled the system will propose the below message.



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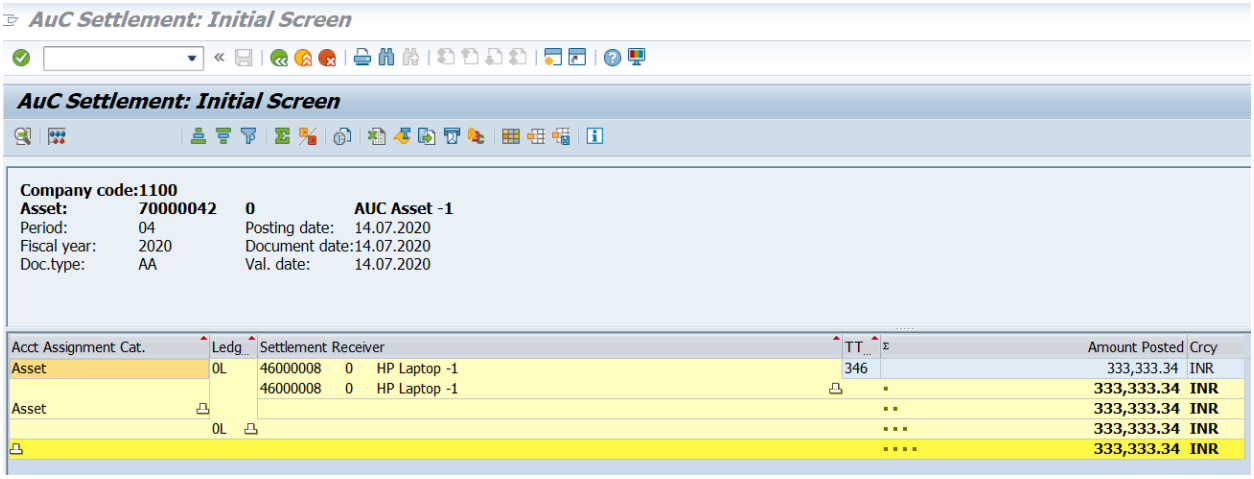
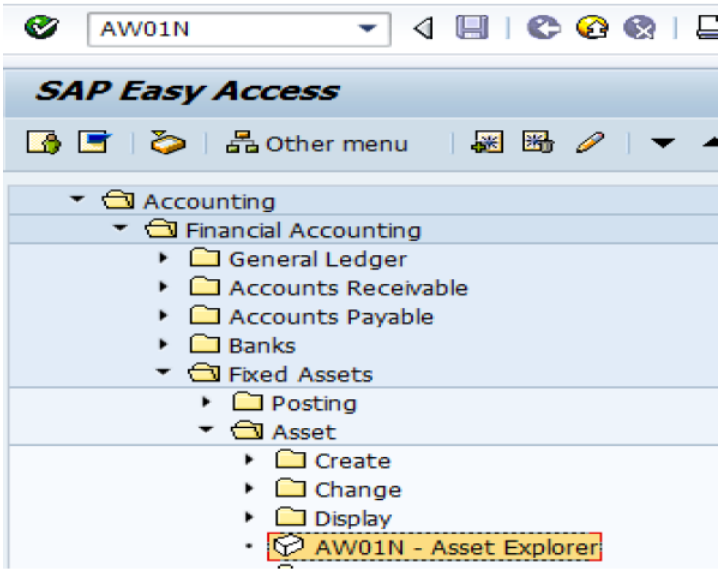


Now go and check in **AW01N** – Asset Explorer:

Enter Transaction code AW01N in command bar (or) Follow the below navigation path



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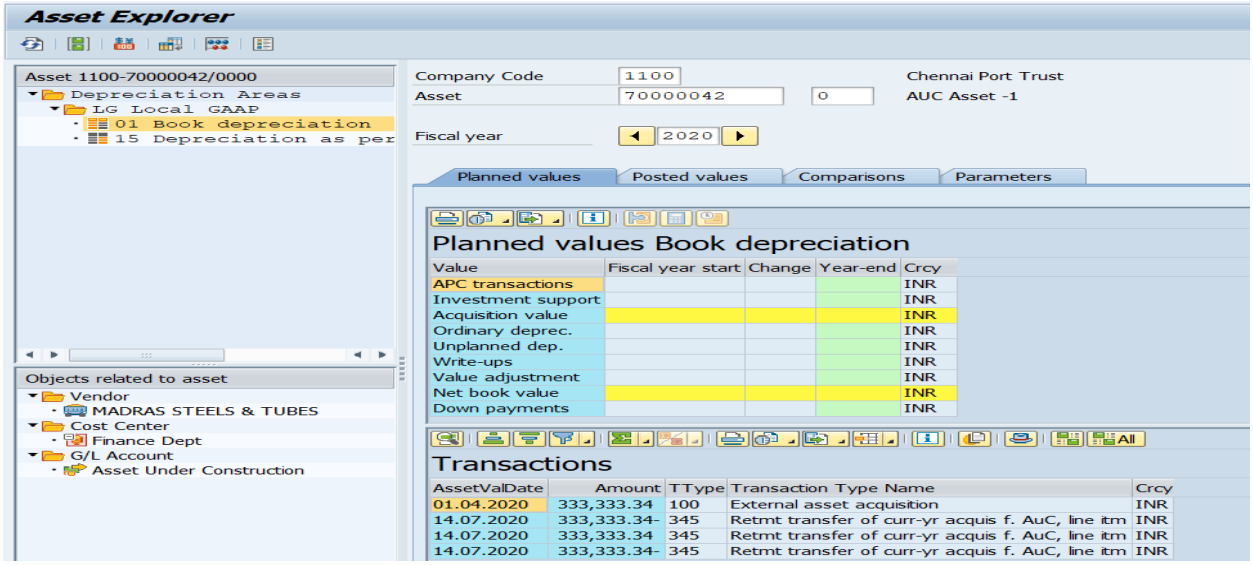
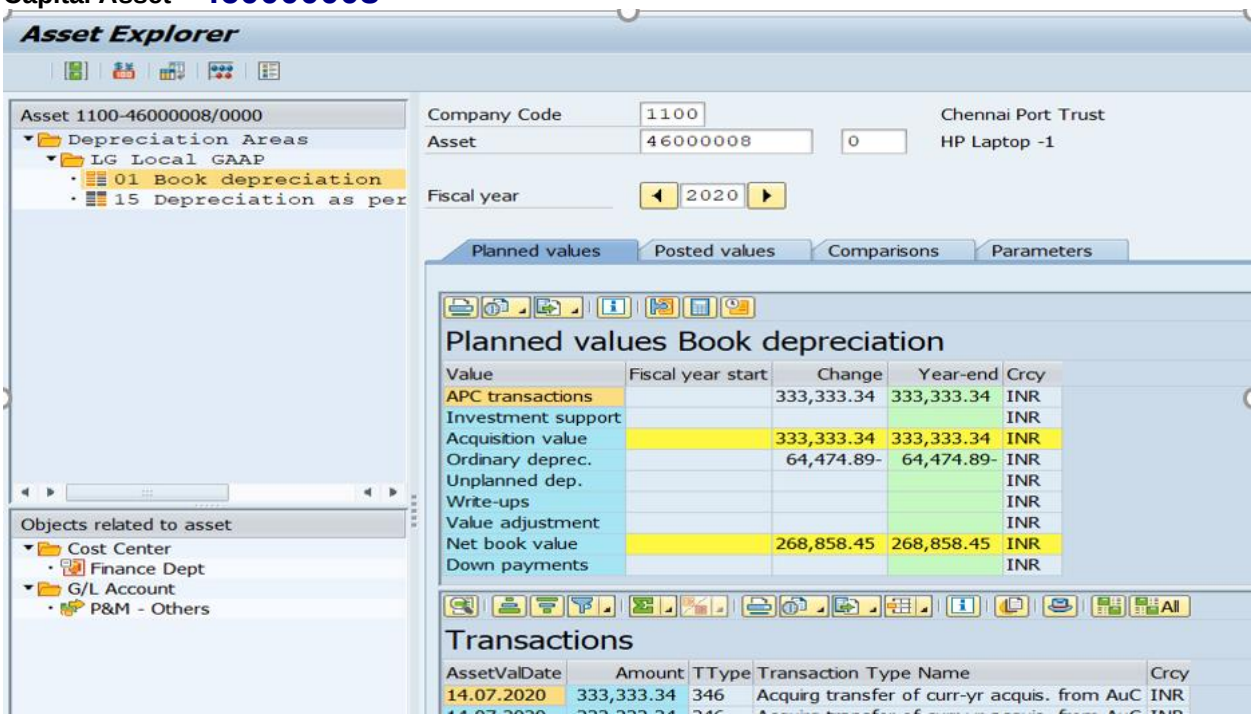
AUC Asset - 70000042



As per the above screen shown, after AUC to Capital Asset settlement the AUC asset value is become as zero.

Capital Asset – 460000008



As per the above screen shown, after the AUC settled to Capital asset the value is transferred to capital asset.

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10.Asset Reports:

To see the asset related information's mainly we can use the following three reports.

AR01 – Asset Balances

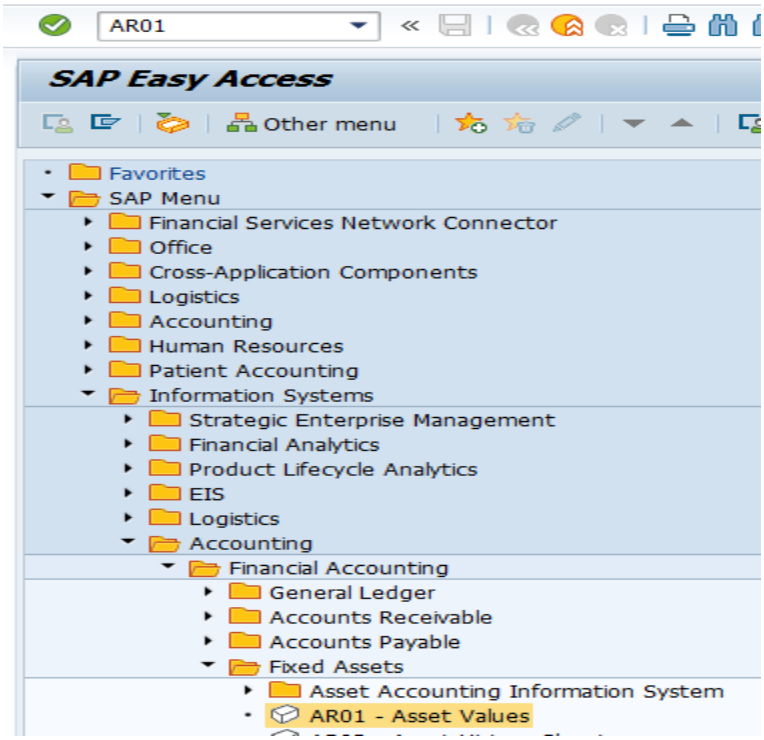
AR02 – Asset History Sheet

AR03 – Depreciation

AR01 – Asset Balances:

Step 1: Enter Transaction code AR01 in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Information Systems → Accounting→ Financial Accounting → Fixed Assets → Asset Values (**AR01)**



Step 2: Double click on "**AR01**" the system will open the below screen

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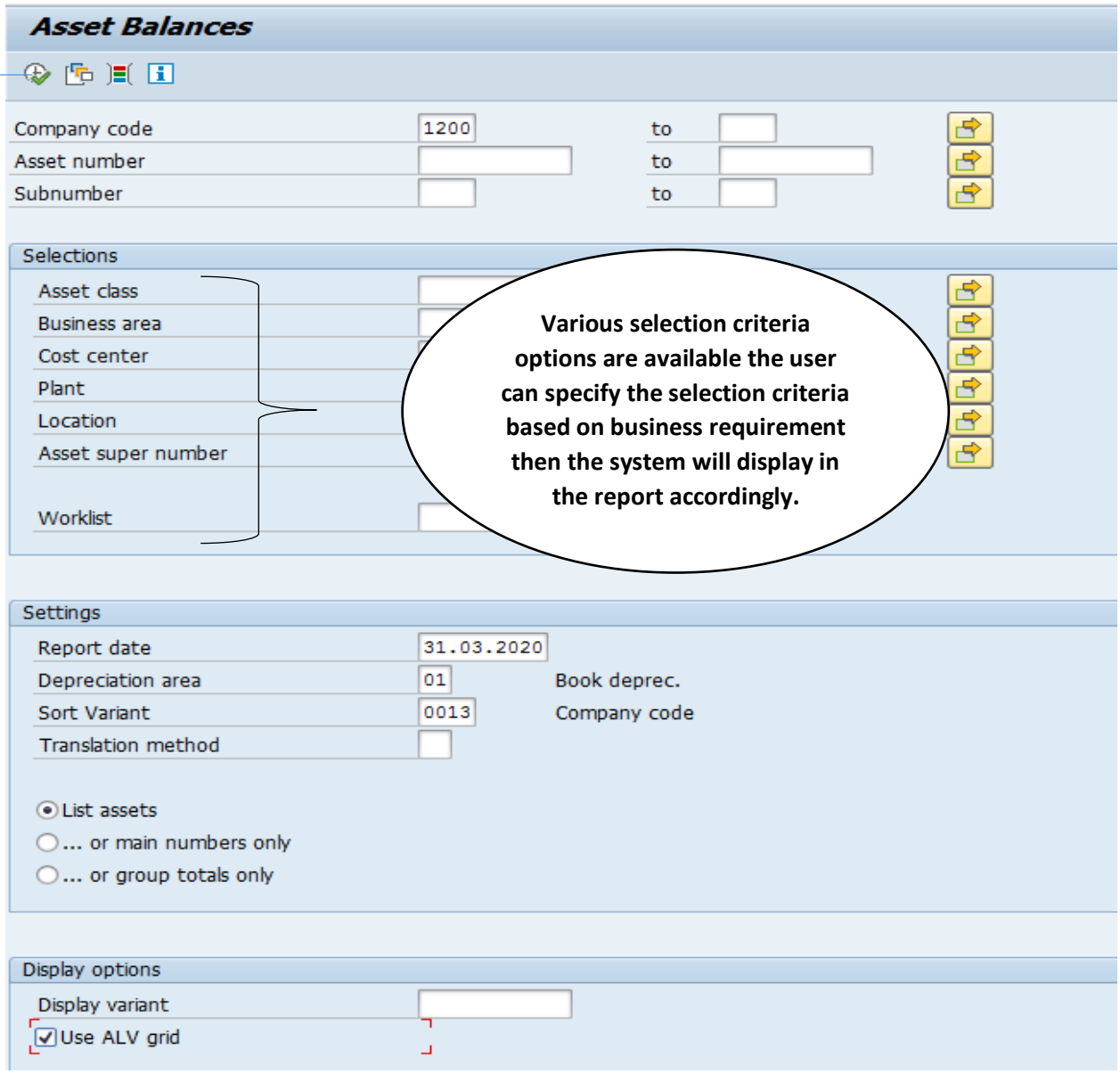

Step 3: Provide the values as shown above and click on "**Execute**" then the system will display the below screen

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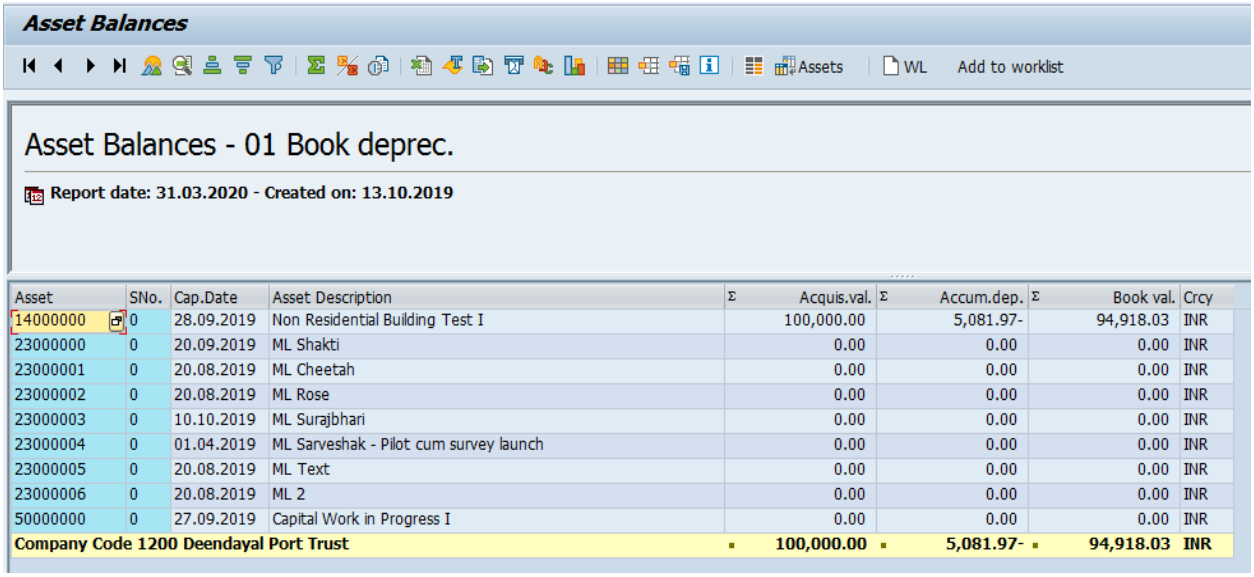
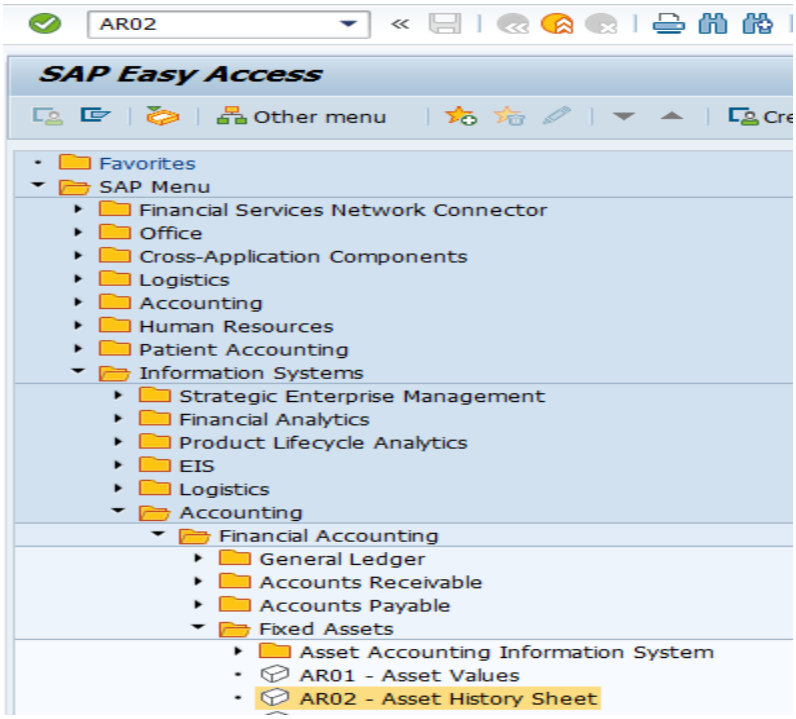


Asset	SNo.	Cap.Date	Asset Description	Acquis.val.	Accum.dep.	Book val.	Crcy
14000000	0	28.09.2019	Non Residential Building Test I	100,000.00	5,081.97-	94,918.03	INR
23000000	0	20.09.2019	ML Shakti	0.00	0.00	0.00	INR
23000001	0	20.08.2019	ML Cheetah	0.00	0.00	0.00	INR
23000002	0	20.08.2019	ML Rose	0.00	0.00	0.00	INR
23000003	0	10.10.2019	ML Surajbhari	0.00	0.00	0.00	INR
23000004	0	01.04.2019	ML Sarveshak - Pilot cum survey launch	0.00	0.00	0.00	INR
23000005	0	20.08.2019	ML Text	0.00	0.00	0.00	INR
23000006	0	20.08.2019	ML 2	0.00	0.00	0.00	INR
50000000	0	27.09.2019	Capital Work in Progress I	0.00	0.00	0.00	INR
Company Code 1200 Deendayal Port Trust				**100,000.00**	**5,081.97-**	**94,918.03**	**INR**

AR02 – Asset History Sheet:

Step 1: Enter Transaction code AR02 in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→Information Systems → Accounting → Financial Accounting→ Fixed Asset → Asset History Sheet (**AR02)**



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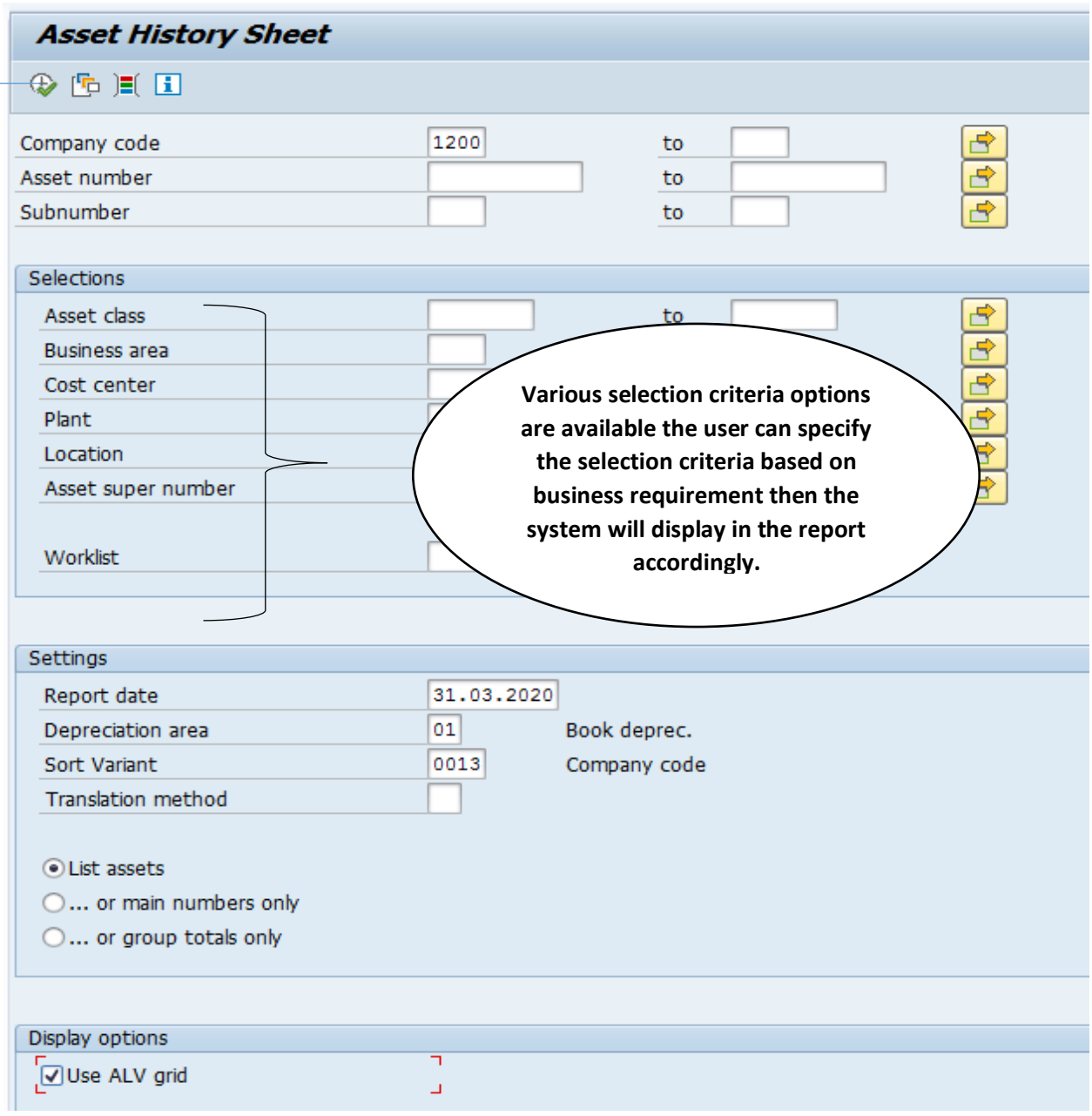
Step 2: Double click on "**AR02**" then the system will open the below screen



Step 3: Provide the values as shown above and click on "**Execute**"

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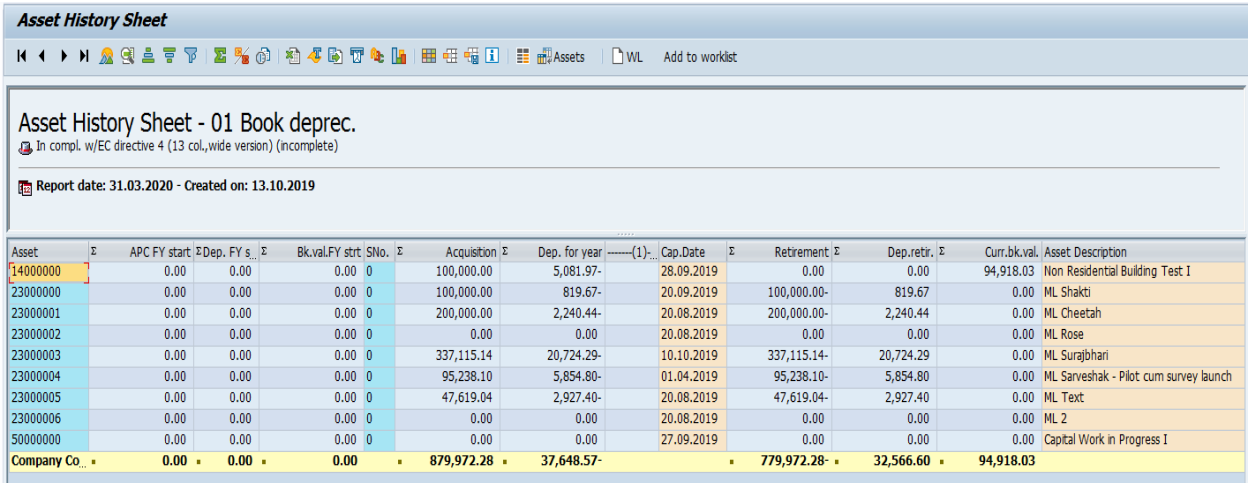
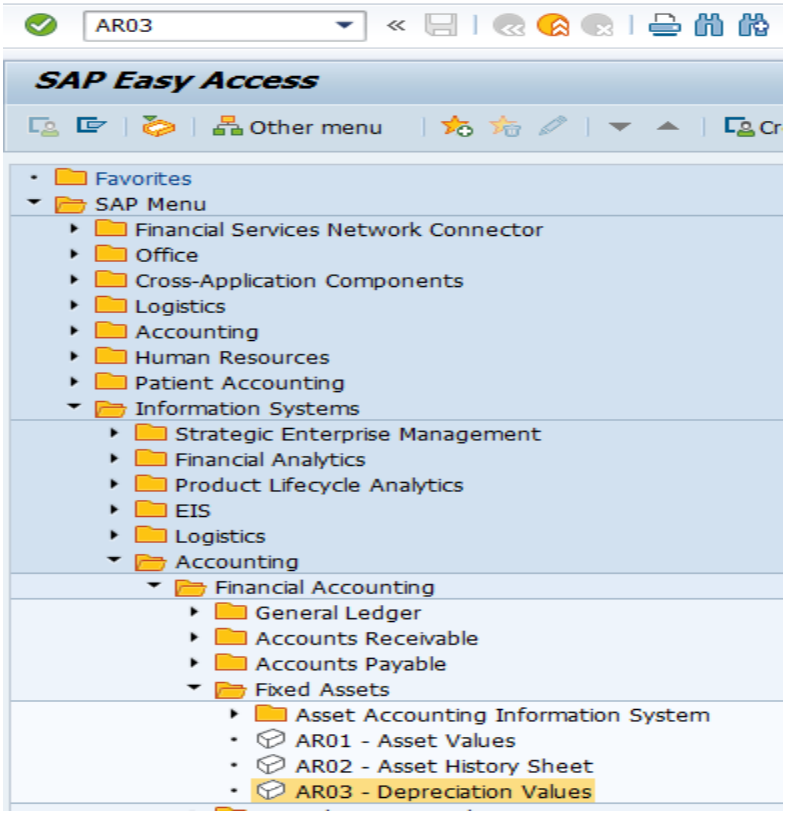


Asset	APC FY start	Dep. FY s...	Bk.val.FY strt	SNo.	Acquisition	Dep. for year	-------(1)-...	Cap.Date	Retirement	Dep.retir.	Curr.bk.val.	Asset Description
14000000	0.00	0.00	0.00	0	100,000.00	5,081.97-		28.09.2019	0.00	0.00	94,918.03	Non Residential Building Test I
23000000	0.00	0.00	0.00	0	100,000.00	819.67-		20.09.2019	100,000.00-	819.67	0.00	ML Shakti
23000001	0.00	0.00	0.00	0	200,000.00	2,240.44-		20.08.2019	200,000.00-	2,240.44	0.00	ML Cheetah
23000002	0.00	0.00	0.00	0	0.00	0.00		20.08.2019	0.00	0.00	0.00	ML Rose
23000003	0.00	0.00	0.00	0	337,115.14	20,724.29-		10.10.2019	337,115.14-	20,724.29	0.00	ML Surajbhari
23000004	0.00	0.00	0.00	0	95,238.10	5,854.80-		01.04.2019	95,238.10-	5,854.80	0.00	ML Sarveshak - Pilot cum survey launch
23000005	0.00	0.00	0.00	0	47,619.04	2,927.40-		20.08.2019	47,619.04-	2,927.40	0.00	ML Text
23000006	0.00	0.00	0.00	0	0.00	0.00		20.08.2019	0.00	0.00	0.00	ML 2
50000000	0.00	0.00	0.00	0	0.00	0.00		27.09.2019	0.00	0.00	0.00	Capital Work in Progress I
Company Co...	0.00	0.00	0.00		879,972.28	37,648.57-			779,972.28-	32,566.60	94,918.03	

AR03 – Depreciation:

Step 1: Enter Transaction code **AR03** in command bar (or) Follow the below navigation path

Easy Access → SAP Menu→ Information Systems → Accounting → Financial Accounting→ Fixed Asset → Depreciation Value (**AR03)**



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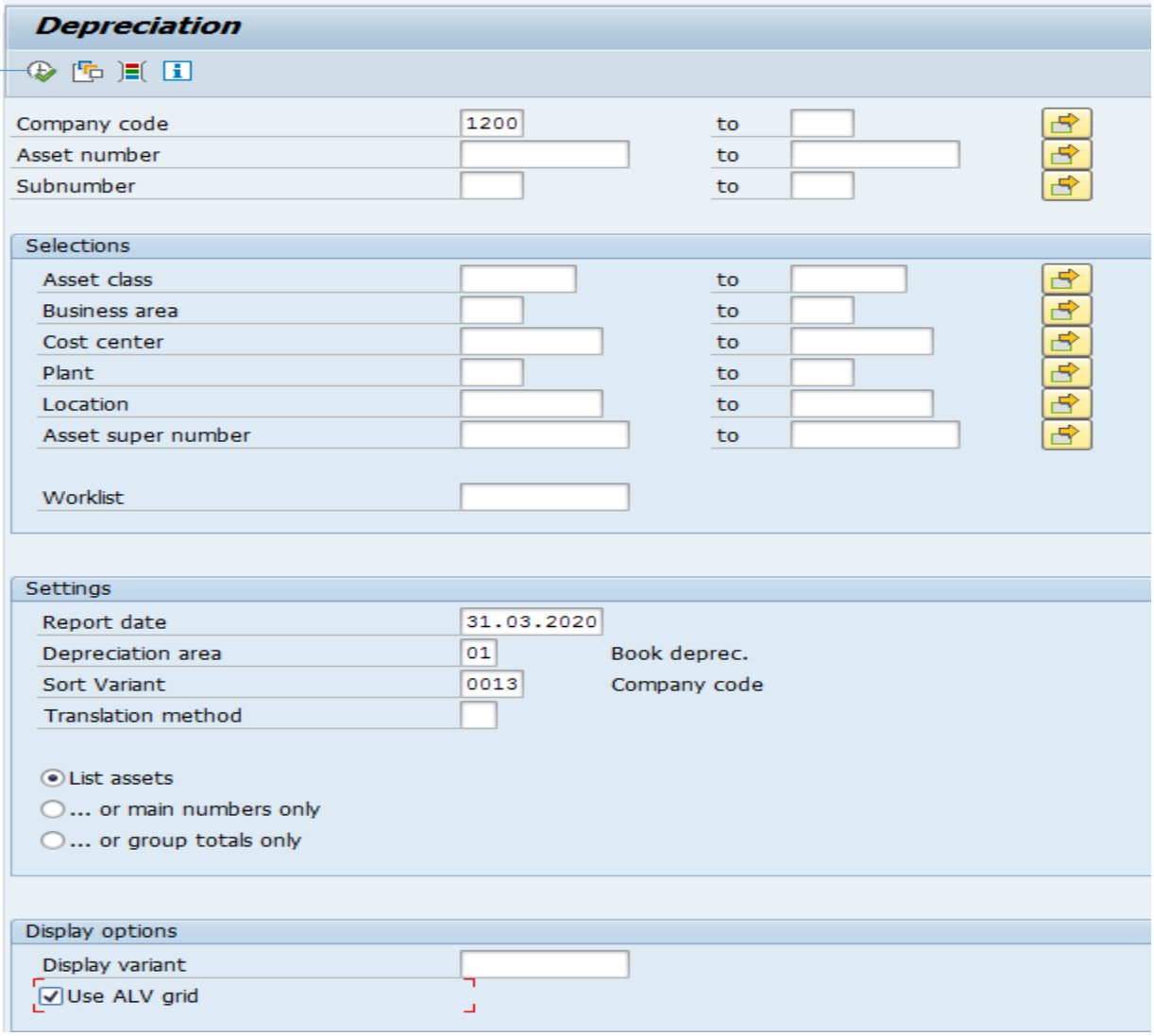
Step 2: Double click on "AR03" then the system will open the below screen



Step 3: Provide the values as shown above and click on "**Execute**" then the system will open the below screen

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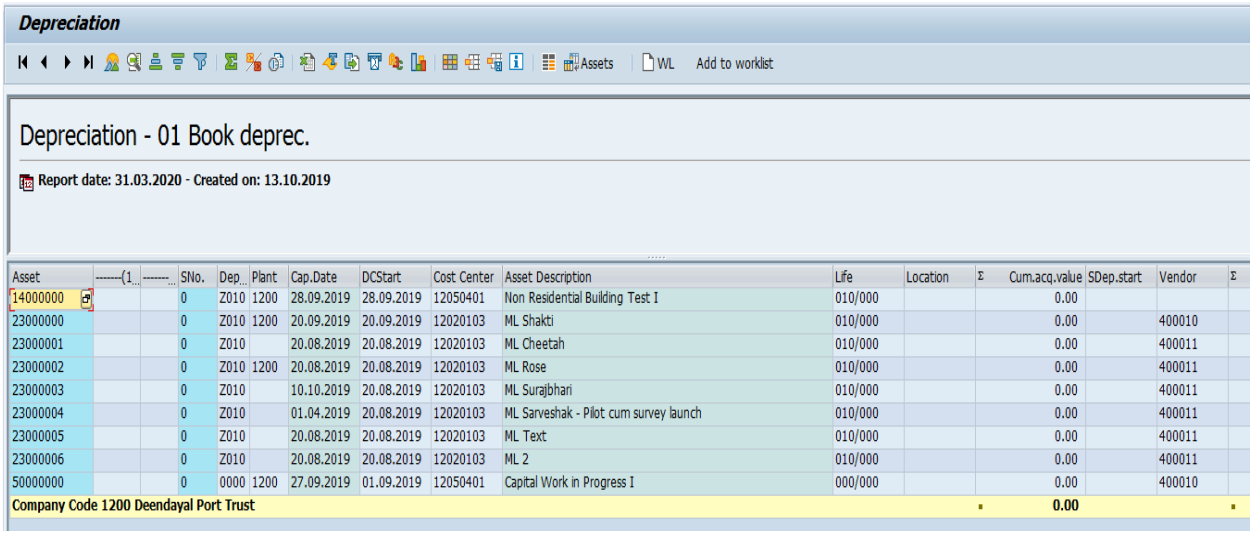
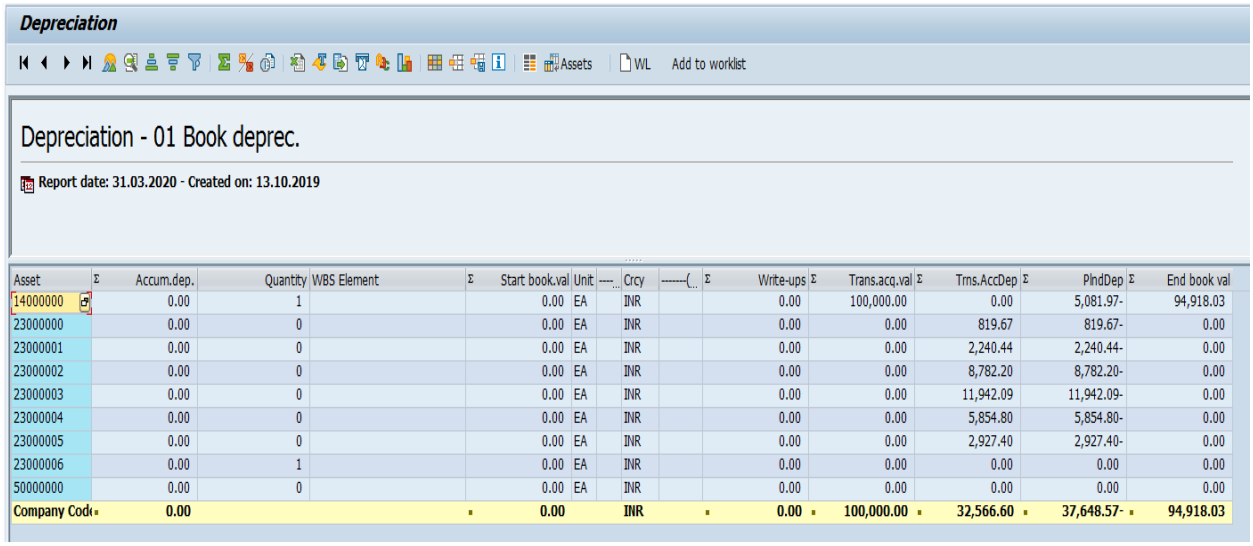


Asset	------(1...	------...	SNo.	Dep...	Plant	Cap.Date	DCStart	Cost Center	Asset Description	Life	Location	Σ	Cum.acq.value	SDep.start	Vendor	Σ
14000000			0	Z010	1200	28.09.2019	28.09.2019	12050401	Non Residential Building Test I	010/000			0.00			
23000000			0	Z010	1200	20.09.2019	20.09.2019	12020103	ML Shakti	010/000			0.00		400010	
23000001			0	Z010		20.08.2019	20.08.2019	12020103	ML Cheetah	010/000			0.00		400011	
23000002			0	Z010	1200	20.08.2019	20.08.2019	12020103	ML Rose	010/000			0.00		400011	
23000003			0	Z010		10.10.2019	20.08.2019	12020103	ML Surajbhari	010/000			0.00		400011	
23000004			0	Z010		01.04.2019	20.08.2019	12020103	ML Sarveshak - Pilot cum survey launch	010/000			0.00		400011	
23000005			0	Z010		20.08.2019	20.08.2019	12020103	ML Text	010/000			0.00		400011	
23000006			0	Z010		20.08.2019	20.08.2019	12020103	ML 2	010/000			0.00		400011	
50000000			0	0000	1200	27.09.2019	01.09.2019	12050401	Capital Work in Progress I	000/000			0.00		400010	
Company Code 1200 Deendayal Port Trust													0.00			



Asset	Σ	Accum.dep.	Quantity	WBS Element	Σ	Start book.val	Unit	---...	Crcy	------(...	Σ	Write-ups	Σ	Trans.acq.val	Σ	Trns.AccDep	Σ	PlndDep	Σ	End book val
14000000		0.00	1			0.00	EA		INR			0.00		100,000.00		0.00		5,081.97-		94,918.03
23000000		0.00	0			0.00	EA		INR			0.00		0.00		819.67		819.67-		0.00
23000001		0.00	0			0.00	EA		INR			0.00		0.00		2,240.44		2,240.44-		0.00
23000002		0.00	0			0.00	EA		INR			0.00		0.00		8,782.20		8,782.20-		0.00
23000003		0.00	0			0.00	EA		INR			0.00		0.00		11,942.09		11,942.09-		0.00
23000004		0.00	0			0.00	EA		INR			0.00		0.00		5,854.80		5,854.80-		0.00
23000005		0.00	0			0.00	EA		INR			0.00		0.00		2,927.40		2,927.40-		0.00
23000006		0.00	1			0.00	EA		INR			0.00		0.00		0.00		0.00		0.00
50000000		0.00	0			0.00	EA		INR			0.00		0.00		0.00		0.00		0.00
Company Cod...		0.00				0.00			INR			0.00		100,000.00		32,566.60		37,648.57-		94,918.03

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