## Min-max planning

## Demand → supply

Min-max planning in Oracle Fusion is a feature that helps maintain inventory levels for items by automatically generating purchase requisitions or movement requests when inventory levels fall below a specified minimum.

## Setups:-

Min=100  max=1000

Available quantity= on-hand quantity+ pipeline supply- pipeline demand

= 20 + 200 – 200

=20

If Available_qunatity<min_qunatity, it will create requistion automatically.

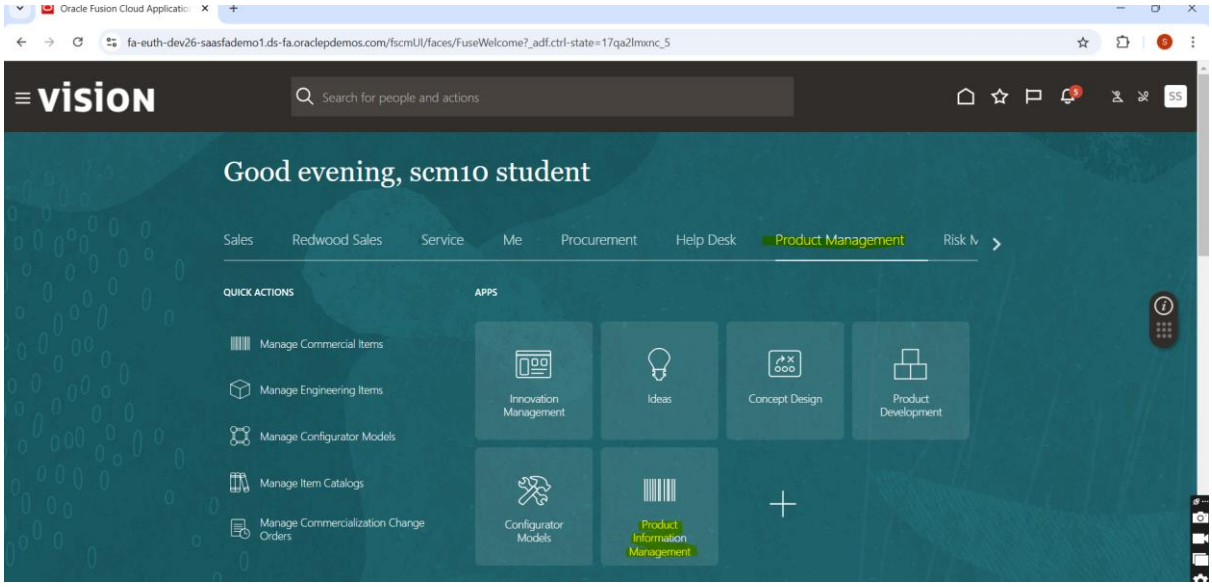
Order quantity= max_quantity- available_quantity

= 1000-20 =980

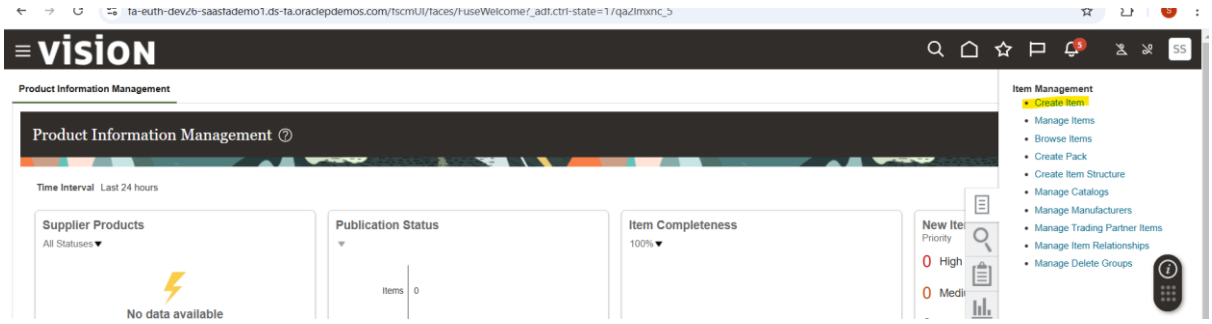
## Steps:-

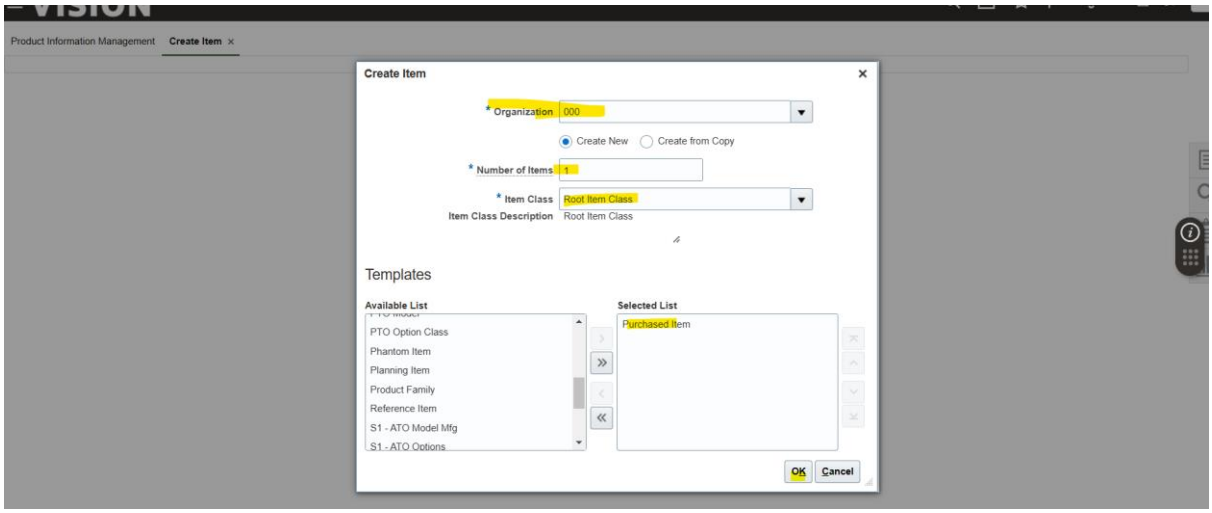
1. Create item
2. Create sub inventory, Assign item to the sub inventory, specify the min-max planning.
3. Print Min-max Planning report. (schedule process)
4. Check in Movement request against the item

### 1. Create item

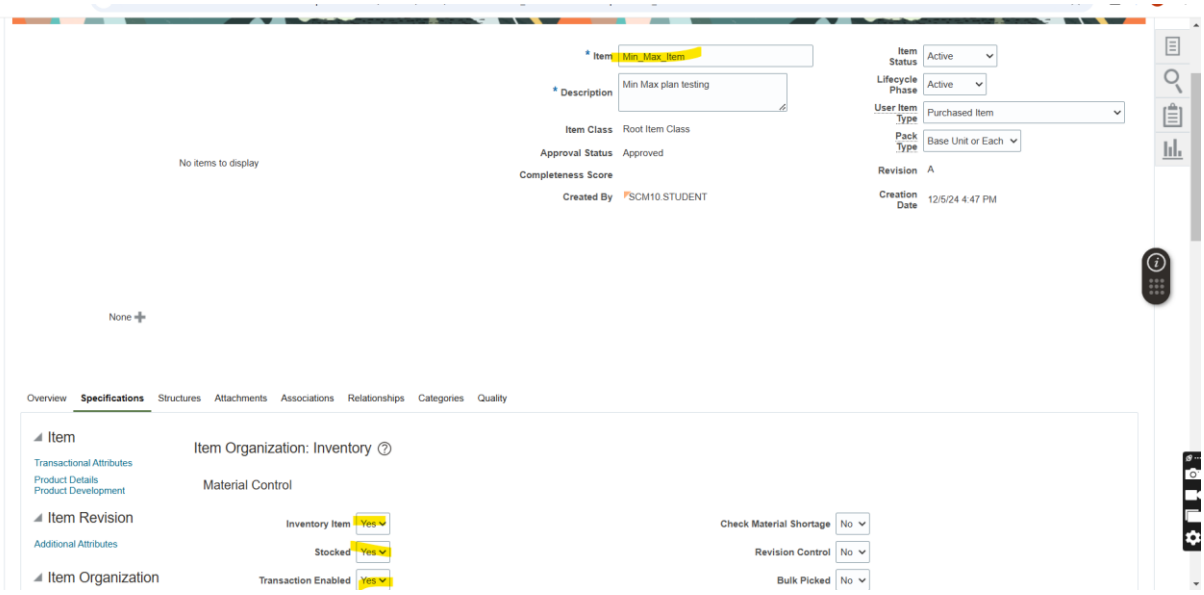



Click on Create item

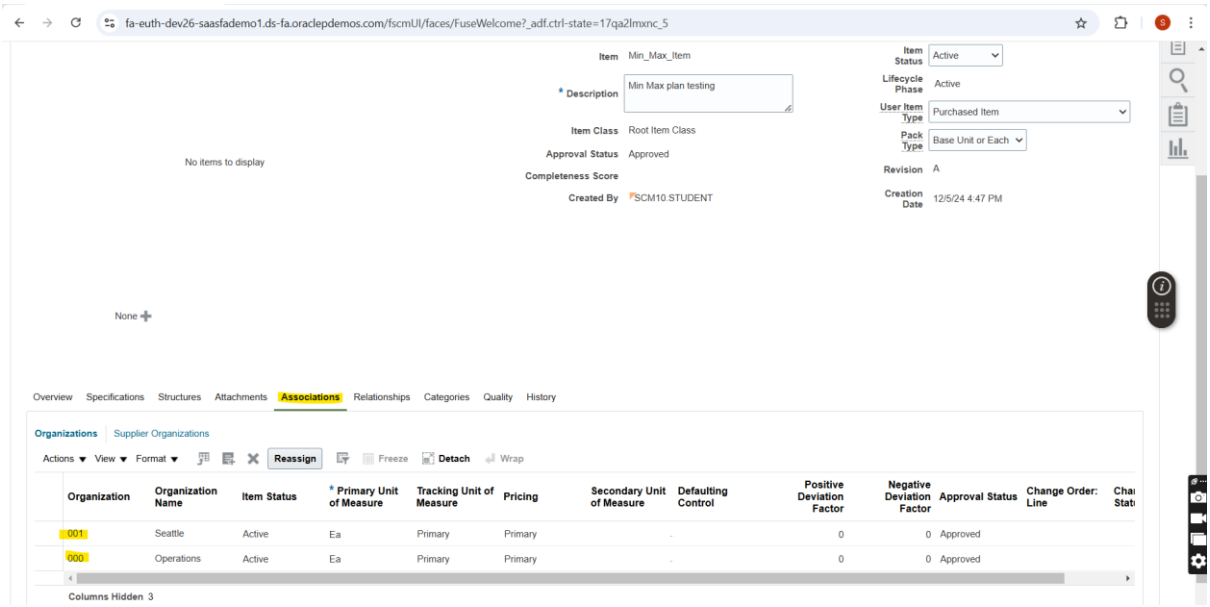



Select the template as Purchased item

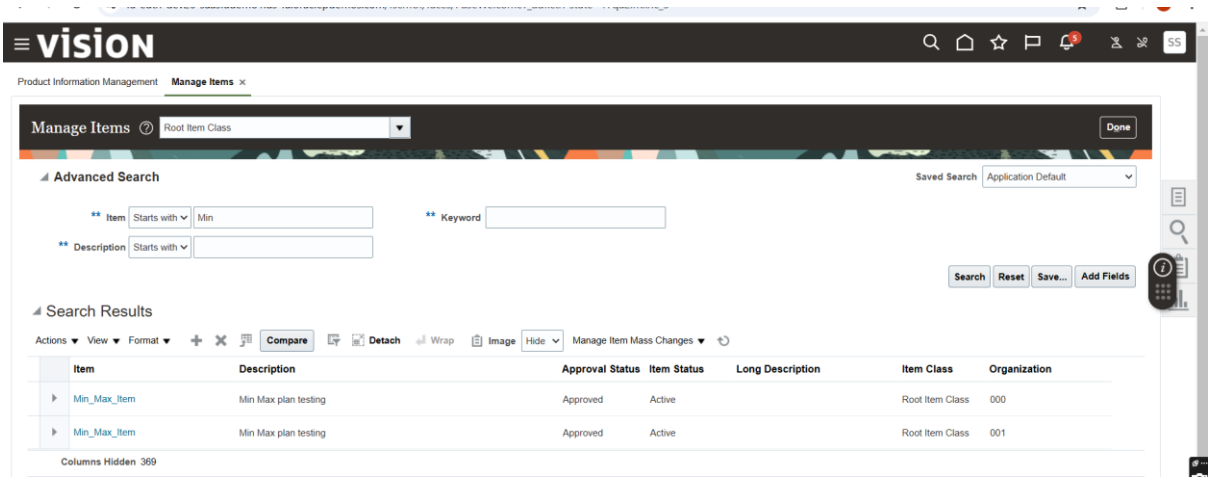



Save it



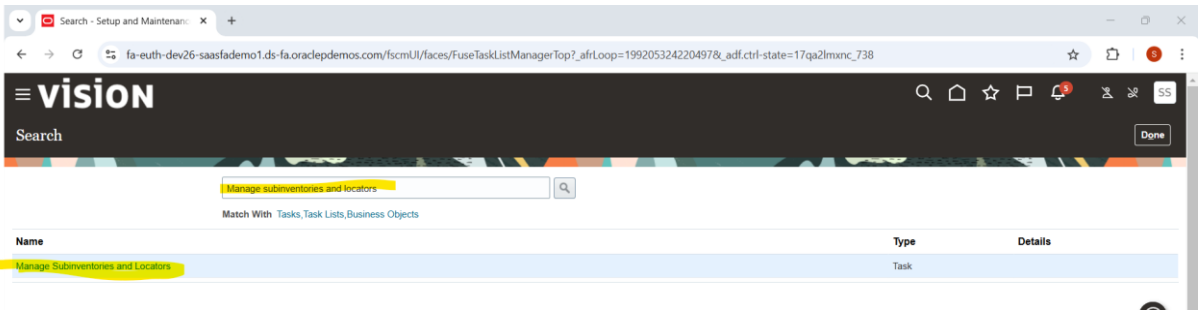

Through associations/select and add assign it to another organization 001

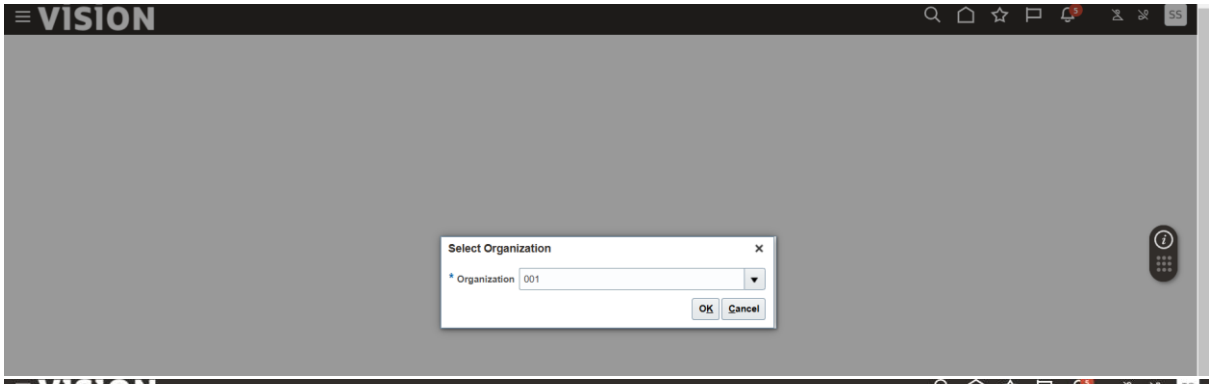
Manage items:- Cross check the item is created or not.

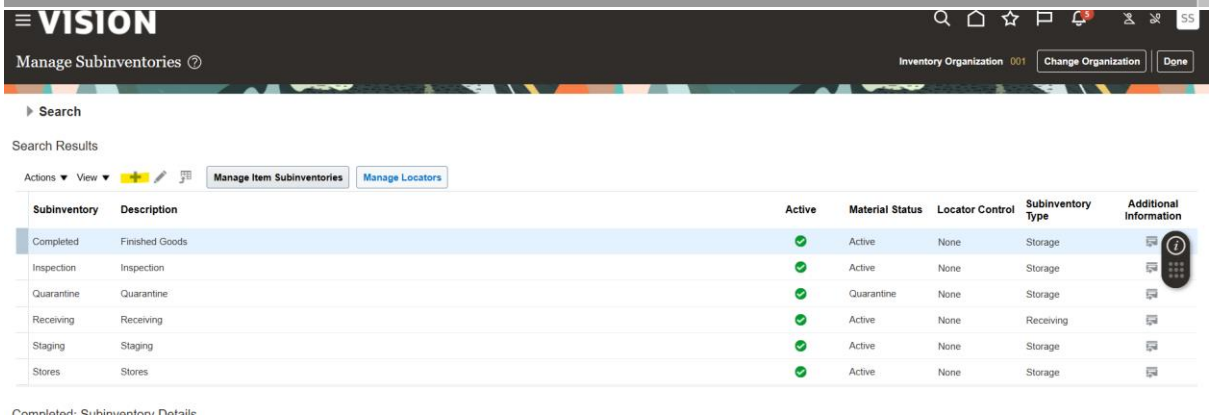



2. Create a sub inventory: -

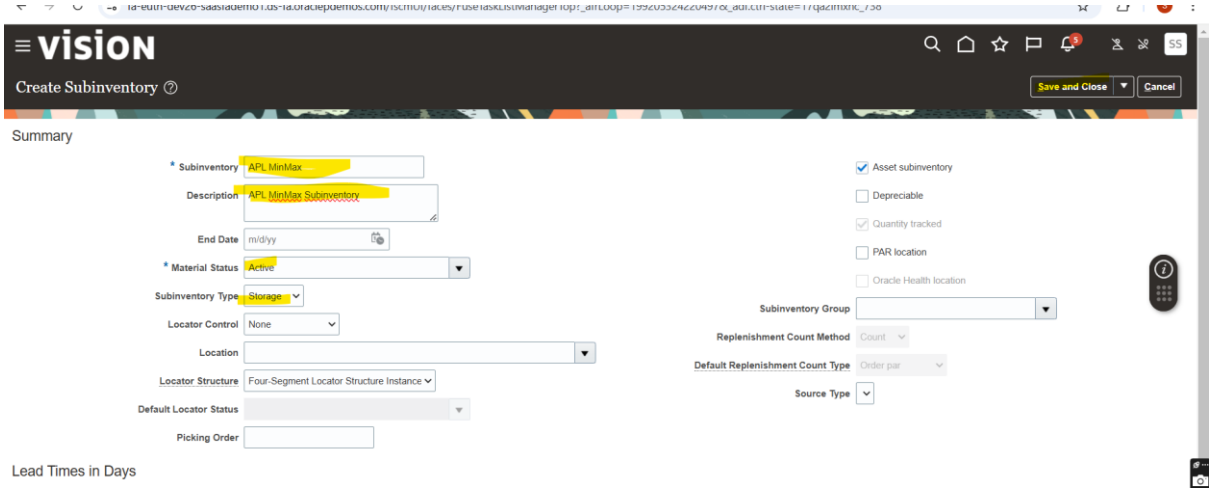
Global search> manage sub inventories>



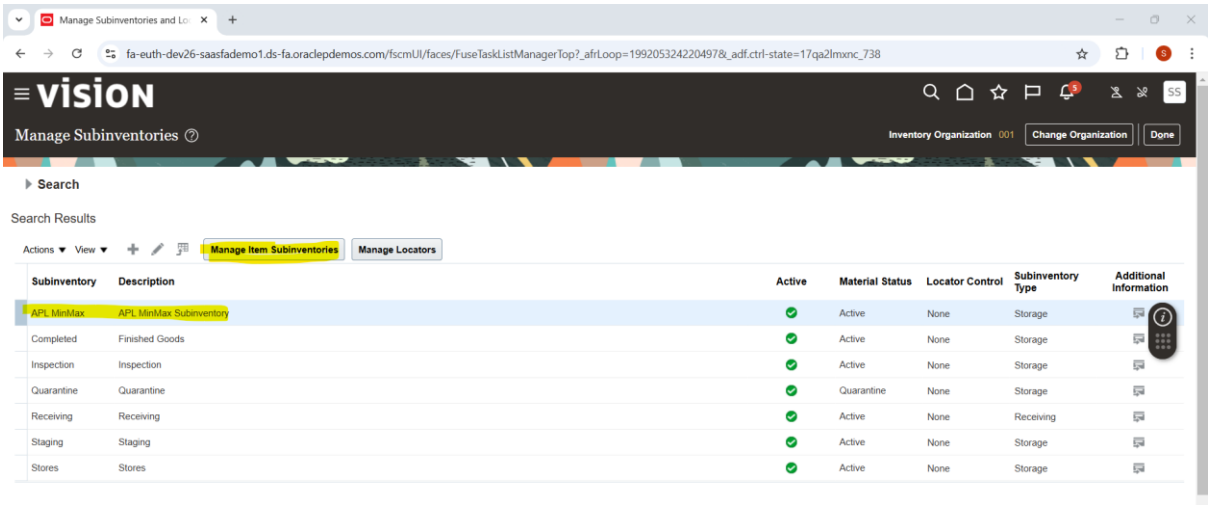


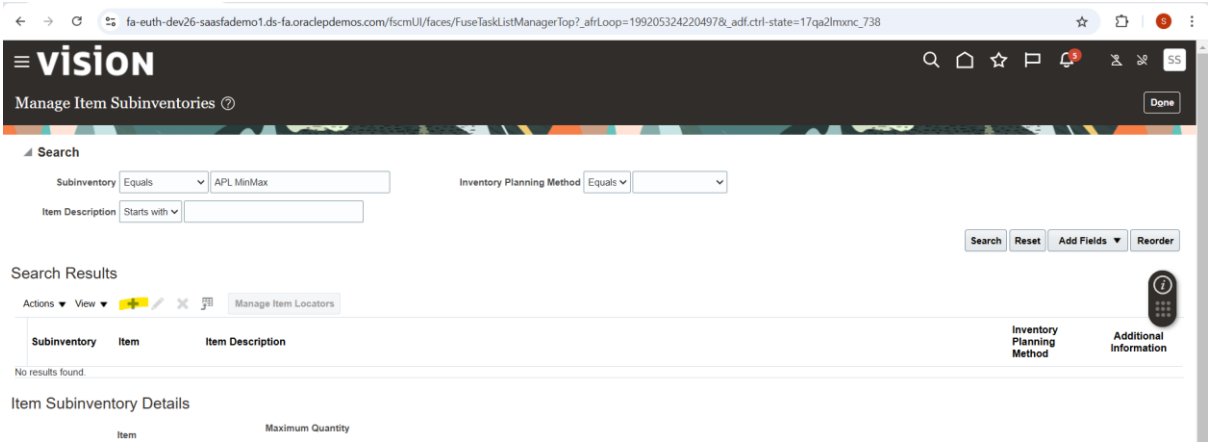

Click on +

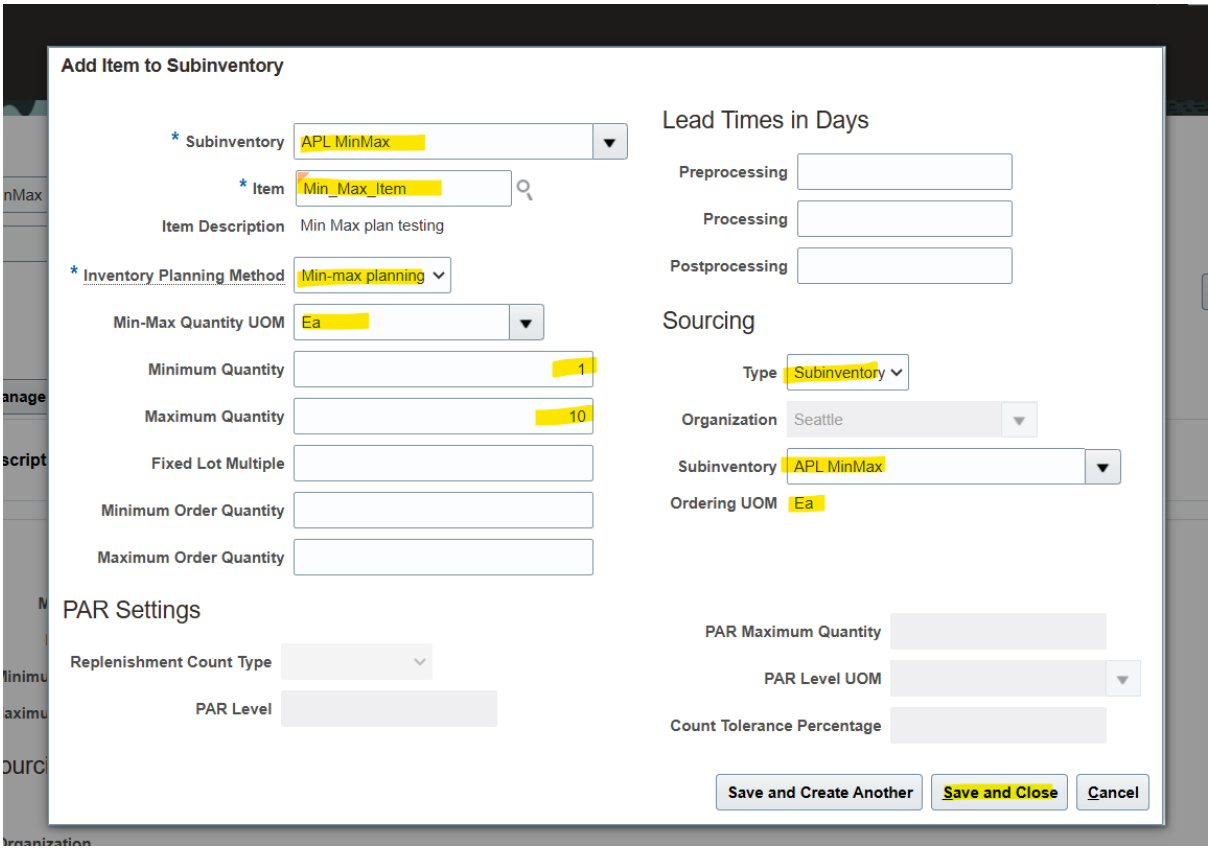



Save it




Select the sub inventory, Click on Manage item sub inventory






Enter the item name

Inventory planning method

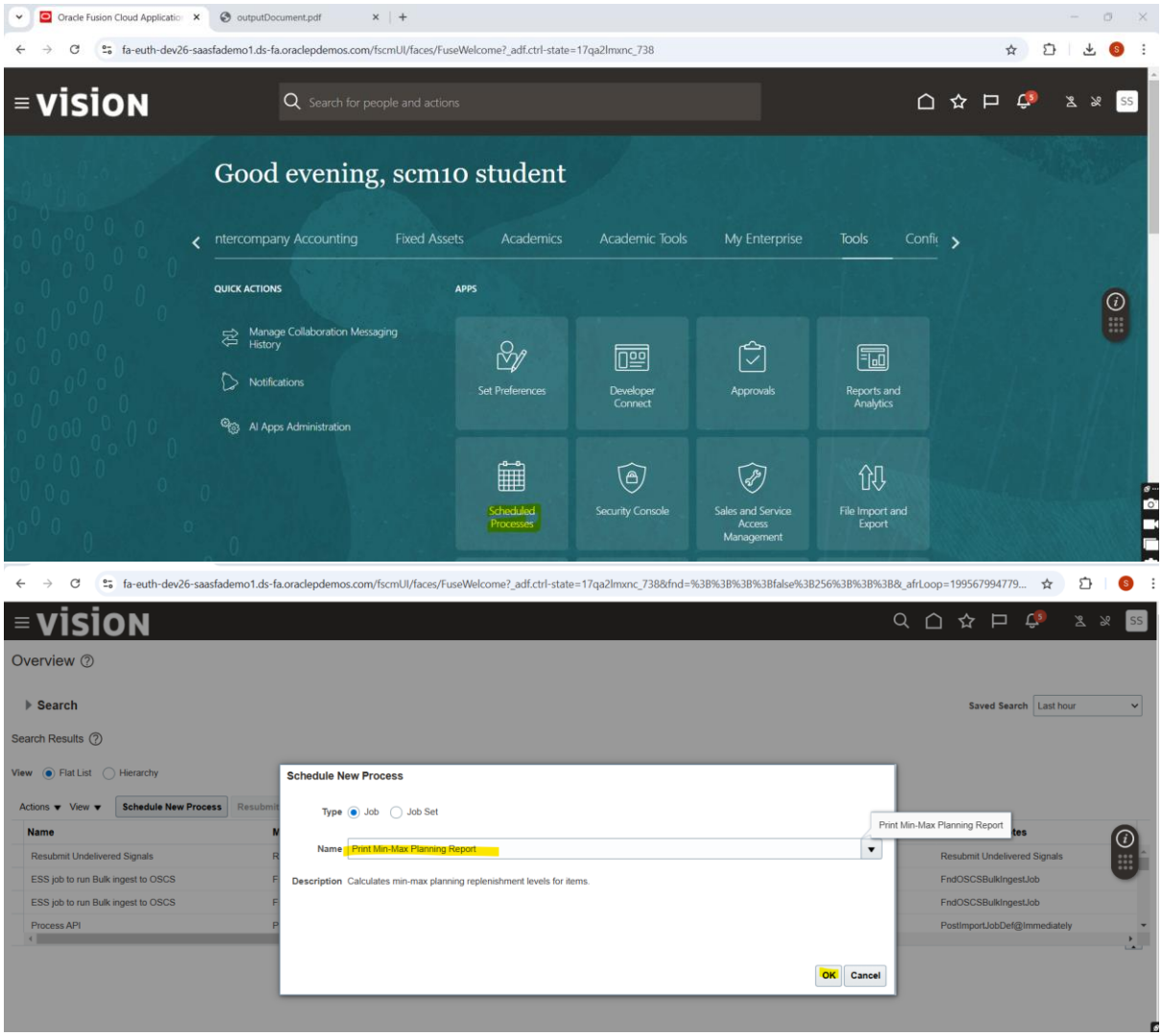
Sourcing Type:

Sub inventory/supplier/organization

Movement order/ transfer order will trigger automatically, when it reaches to minimum quantity.

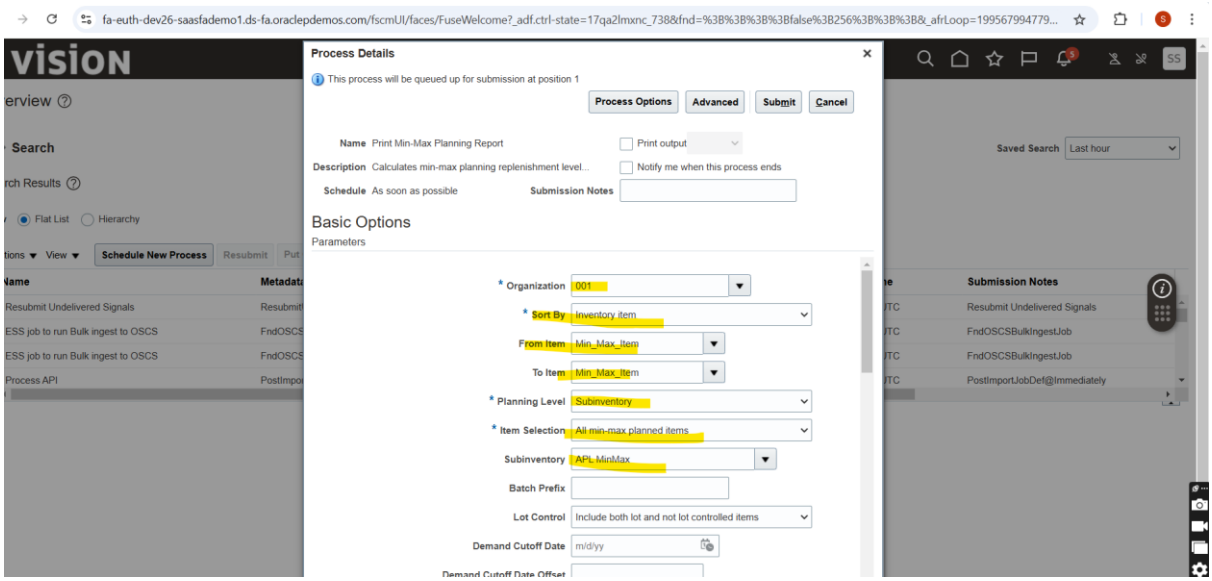
Save and close

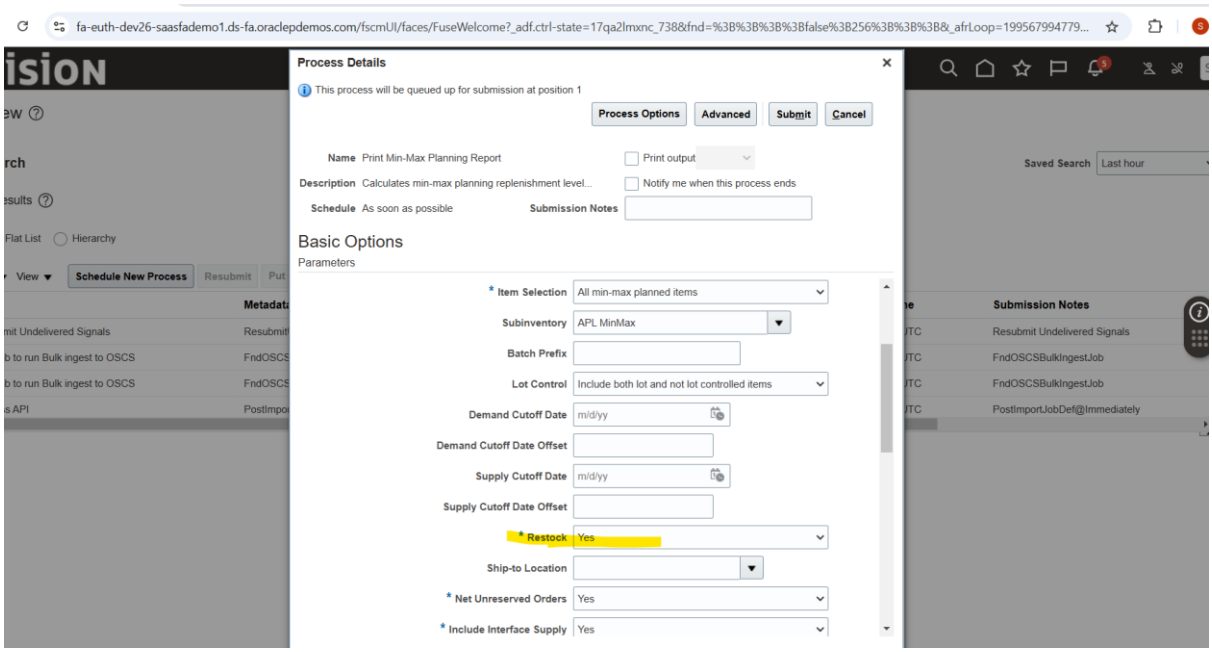
We need to run the min-max planning:



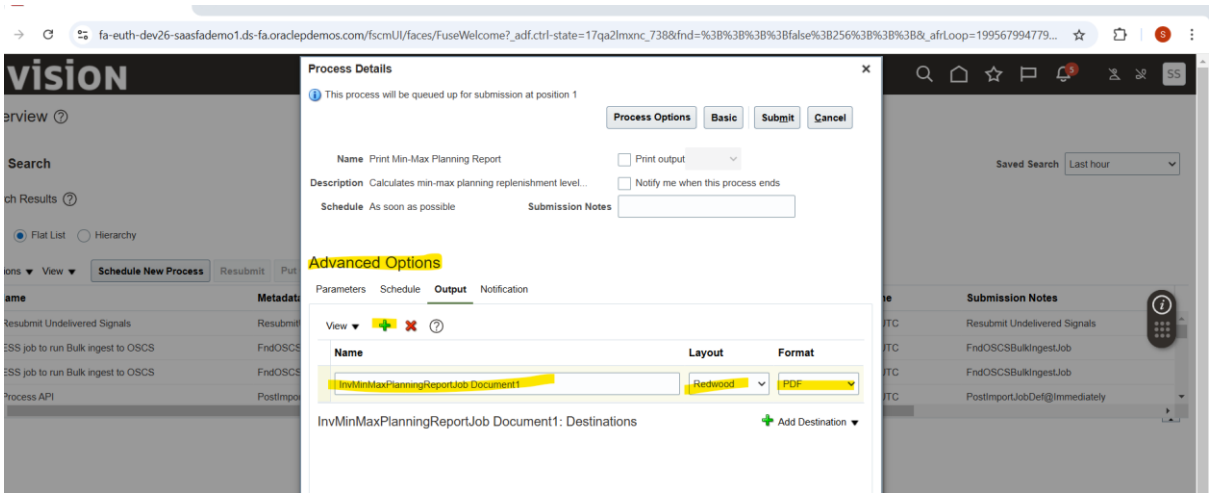

Schedule process name: Run min-Max Planning report

Click on ok

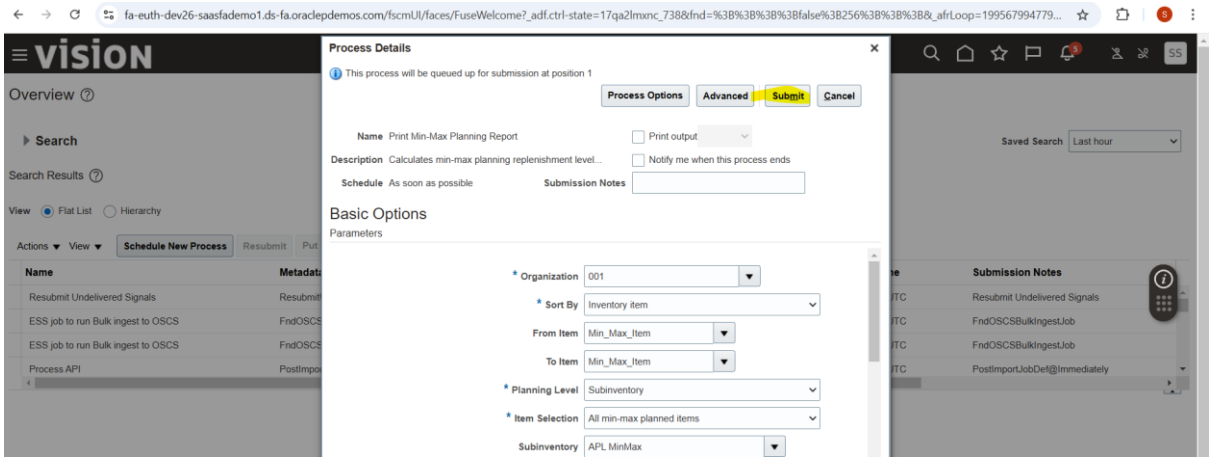




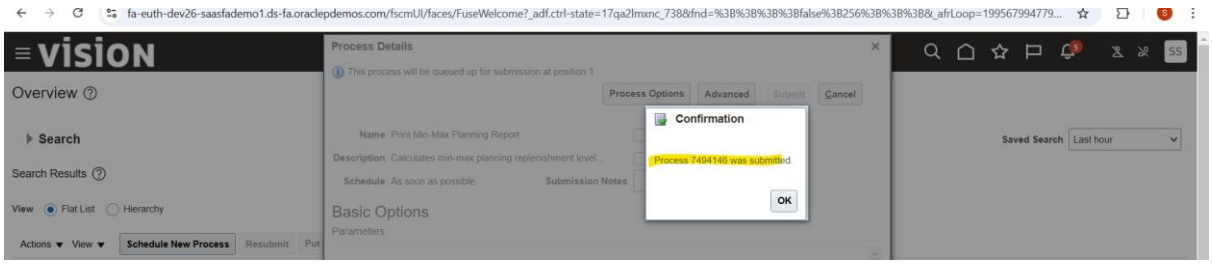

Click on Advanced



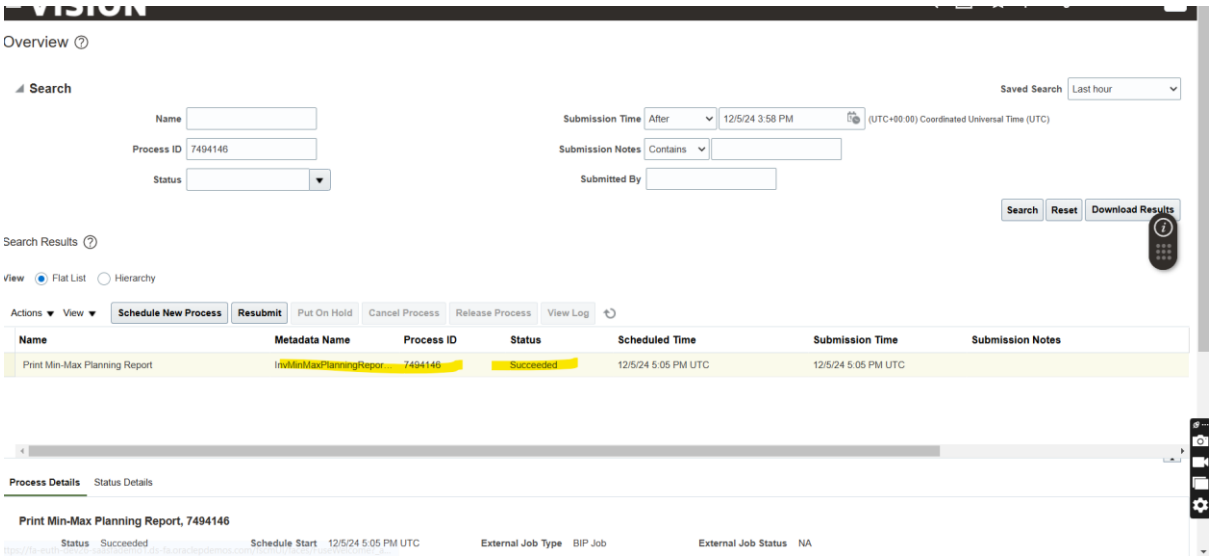

Select the output type as pdf

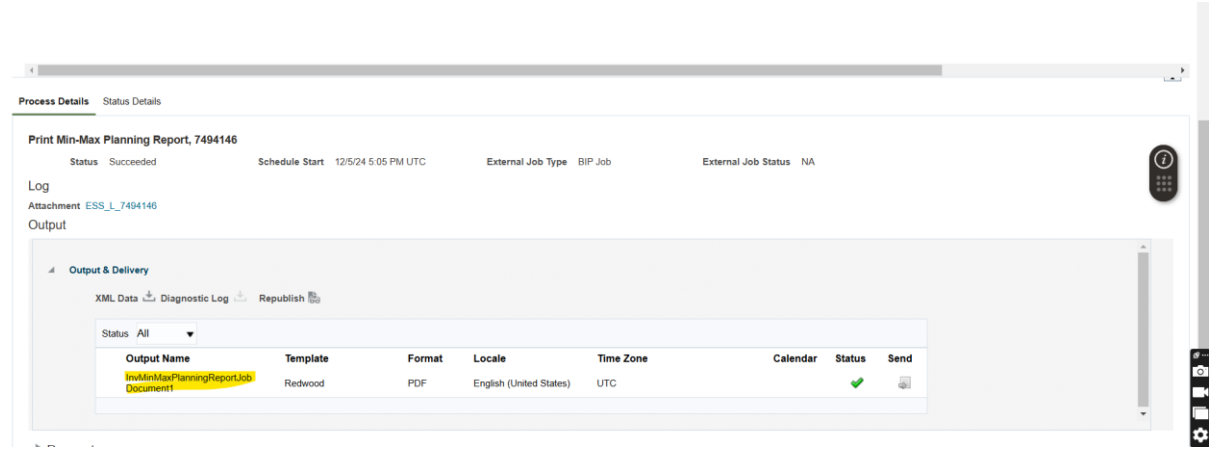



Click on submit.




Schedule process has been submitted.



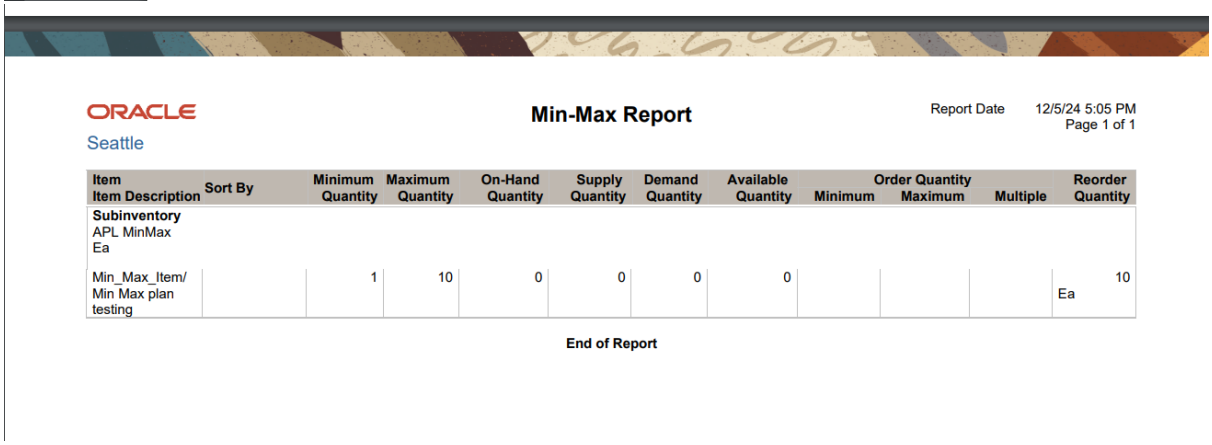

Click on the output

ORACLE

Seattle

**Min-Max Report**

| Report Parameters | |
|---|---|
| Organization | Seattle |
| Planning Level | Subinventory |
| Subinventory | APL MinMax |
| Item Selection | All min-max planned items |
| From Category | |
| To Category | |
| From Item | Min_Max_Item |
| To Item | Min_Max_Item |
| From Buyer | |
| To Buyer | |
| Sort By | Inventory item |
| Demand Cutoff Date | 12/5/24 |
| Supply Cutoff Date | 12/5/24 |
| Restock | Yes |
| Ship-to Location | |
| Net Unreserved Orders | Yes |
| Net Reserved Orders | Yes |
| Include PO Supply | Yes |
| Include Move Order Supply | Yes |
| Include Interface Supply | Yes |
| Include Nonnettable Subinventories | Yes |
| Lot Control | Include both lot and not lot controlled items |
| Display Format | Display all information |
| Display Item Description | Yes |
| From Planner | |
| To Planner | |
| Net WIP Demand | Yes |
| Include WIP Supply | Yes |
| Include Subinventories Without On-Hand Quantities | Yes |
| Batch Name | MINMAX7494146 |



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Seattle

**Min-Max Report**

Report Date 12/5/24 5:05 PM
Page 1 of 1

| Item<br>Item Description | Sort By | Minimum Quantity | Maximum Quantity | On-Hand Quantity | Supply Quantity | Demand Quantity | Available Quantity | Order Quantity<br>Minimum | <br>Maximum | <br>Multiple | Reorder Quantity |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Subinventory**<br>APL MinMax<br>Ea | | | | | | | | | | | |
| Min_Max_Item/<br>Min Max plan testing | | 1 | 10 | 0 | 0 | 0 | 0 | | | | 10<br>Ea |

**End of Report**

This is output file generated. And reordered quantity is 10.

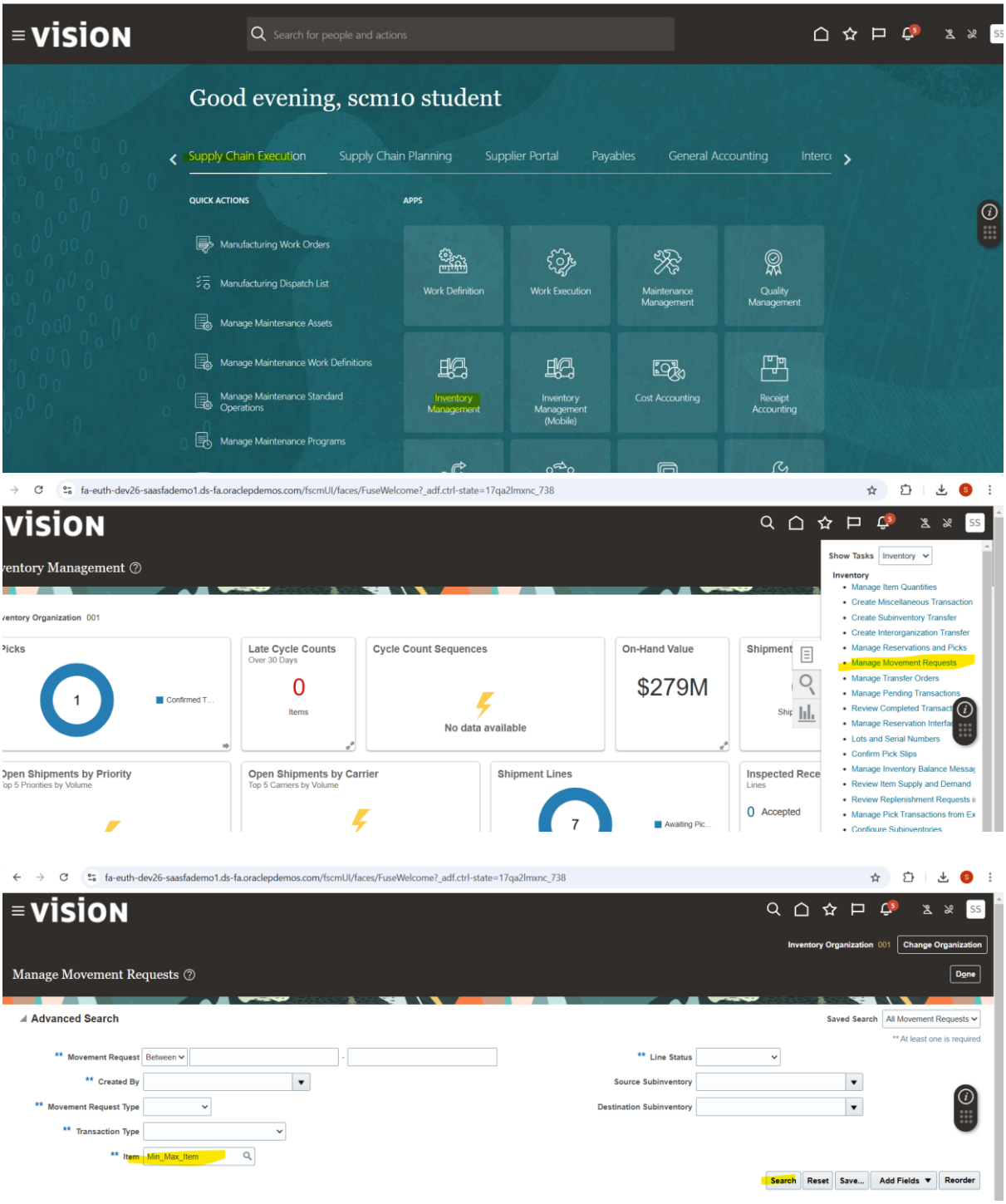
Reorder quantity = max-quantity- on-hand available quantity

= 10-0

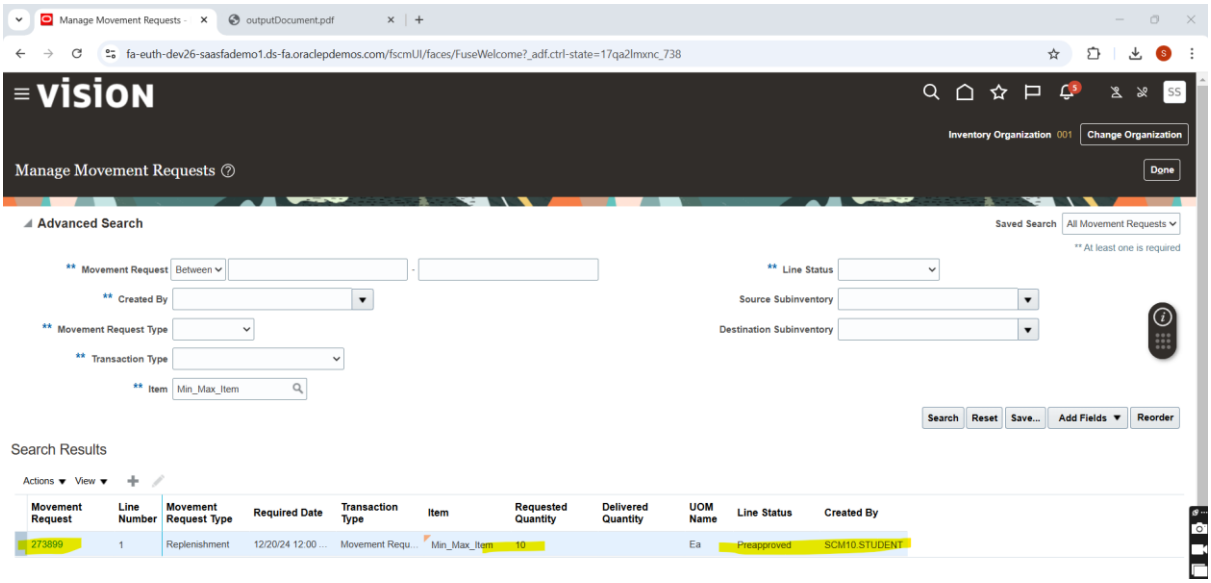
Reordered quantity =10

Check the Requisition created or not: -

Goto manage Move order request


VISION
Search for people and actions
Good evening, scm10 student
Supply Chain Execution
Supply Chain Planning
Supplier Portal
Payables
General Accounting
QUICK ACTIONS
Manufacturing Work Orders
Manufacturing Dispatch List
Manage Maintenance Assets
Manage Maintenance Work Definitions
Manage Maintenance Standard Operations
Manage Maintenance Programs
APPS
Work Definition
Work Execution
Maintenance Management
Quality Management
Inventory Management
Inventory Management (Mobile)
Cost Accounting
Receipt Accounting
fa-euth-dev26-saasfademo1.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=17qa2lmxnc_738
Late Cycle Counts
Over 30 Days
Cycle Count Sequences
No data available
On-Hand Value
$279M
Open Shipments by Priority
Open Shipments by Carrier
Top 5 Carriers by Volume
Shipment Lines
Show Tasks
Inventory
Manage Item Quantities
Create Miscellaneous Transaction
Create Subinventory Transfer
Create Interorganization Transfer
Manage Reservations and Picks
Manage Movement Requests
Manage Transfer Orders
Manage Pending Transactions
Lots and Serial Numbers
Confirm Pick Slips
Manage Inventory Balance
Review Item Supply and Demand
Manage Pick Transactions from Ex
Configure Subinventories


fa-euth-dev26-saasfademo1.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?_adf.ctrl-state=17qa2lmxnc_738
VISION
Inventory Organization 001
Change Organization
Manage Movement Requests
Done
Advanced Search
Saved Search
All Movement Requests
** At least one is required
** Movement Request
Between
** Created By
** Movement Request Type
** Transaction Type
** Item
Min_Max_Item
** Line Status
Source Subinventory
Destination Subinventory
Search
Reset
Save...
Add Fields
Reorder




Automatically Movement request has been generated for the reordered quantity 10.