Oracle SCM Cloud

SCM Foundation

Activity Guide

Important!

You've been assigned a unique, two-digit student number for this course. In the following pages, wherever you see "xx," substitute your student number.

Note: You student number is only valid for the duration of the course.

Practice 4-1: Creating a Subinventory

Overview

In this practice, you create your own subinventory to store inventory items.

Prerequisites: None

User Login: scmXX.student (XX is the student number assigned to you)

Data Entry Details

Inventory Organization	001
Subinventory Name	Student number followed by SUB Example: XXSUB
Subinventory Description	MJ Subinventory

Steps

Navigating to the Setup and Maintenance Work Area

1. From the **Navigator**, under **Others**, select **Setup and Maintenance**.
2. On the **Setup and Maintenance** page, select the **Manufacturing and Supply Chain Materials Management** offering.
3. On the **Setup: Manufacturing and Supply Chain Materials Management** page, click the **Inventory Management** functional area and then, click the **Manage Subinventories and Locators** task. The **Manage Subinventories** page opens.
4. Select Organization **001** and click **OK**.
5. Click the **Create plus** icon.
6. In the **Subinventory field**, enter your student number followed by SUB. For example, 03SUB.
7. In the **Subinventory Description** field, enter your Initials followed by Subinventory. For example, MJ Subinventory.
8. Click **Save and Close**.
9. Click **OK** to close the confirmation message dialog.
10. Click **Done** to return to the search page.
11. Click **Done** to return to the Setup and Maintenance work area.

Practice Complete:

In this practice, you created a subinventory.

Practice 5-1: Creating a Basic Item

Practice Overview

In this practice, you create a basic item.

Prerequisites: None.

User Login: scmXX.student (Replace XX with your student number)

Steps

1. From the **Navigator**, under **Product Management**, select **Product Information Management**.
2. Click the **Tasks** panel tab and then, select the **Create Item** link. The **Create Item** dialog box appears.
3. In the **Organization** field, select **000**.
4. In the **Item Class** field, select **Root Item Class**.
5. In the **Templates** region, in the **Available List** column, select the **Purchased Item** template.
6. Click the **Single Arrow** to move it to the **Selected List**.
7. The **Selected List** column now contains the following two templates: **Finished Goods** and **Purchased Item**.
8. Click **OK**.
9. Click **Yes** at the warning message.
10. The **Create Item** page appears.
11. In the **Item** field, enter: `Item_XX`. Replace XX with your student number. For example, Item _01.
12. In the **Description** field, enter: `Class Item 1`.
13. Click **Save**.
14. Click the **Associations** tab.
15. Click the **Select and Add** icon. The **Select and Add: Organization** dialog box appears. Alternatively, click the **Actions** menu and then, select **Select and Add**.
16. In the **Organization** field, enter `001` and then, click the **Search** icon. Select **Organization 001 Seattle** and then, click **Apply**.
17. In the **Organization** field, enter `002` and then, click the **Search** icon. Select **Organization 002 Atlanta** and then, click **Apply**.
18. Click **Done** to close the **Select and Add: Organization** dialog box.
19. Click **Save and Close**.

Practice Complete:

In this practice, you created a basic item.

Practice 10-1: Reviewing Lot and Serial Number Attributes for an Inventory Organization

Overview

In this practice, you review the Lot and Serial Number Generation attributes for a given inventory organization. Lot and Serial Number Generation attributes can be defined at the Inventory Organization level.

You can also define Lot and Serial Number related attributes at the item level. You navigate to the Product Information Management work area to review Lot and Serial Number attributes defined for a given item.

Prerequisites: None

User Login: scmXX.student (Replace XX with your student number)

Summary of Tasks:

- Navigate to the Setup and Maintenance Work Area
- Review Inventory Organization Level Lot and Serial Number Parameters
- Review Item Level Lot and Serial Number Parameters

Steps

Navigate to the Setup and Maintenance Work Area

1. From the **Navigator**, under **Others**, select **Setup and Maintenance**.
2. On the **Setup and Maintenance** page, click the icon and select the **Manufacturing and Supply Chain Materials Management** offering from the list.
3. In the **Functional Areas** region, select the **Facilities** functional area. A list of corresponding tasks appears on the right.
4. In the **Task** region, click the **Manage Inventory Organizations** task. The **Manage Inventory Organizations** page appears.

Review Inventory Organization Level Lot and Serial Number Parameters

5. In the **Organization** field, enter `001` and then, click **Search**. The search results display.
6. On the **Manage Inventory Organizations** page, select organization 001 Seattle from the search results, and then click the **Manage Organization Parameters** button.
7. On the **Manage Inventory Organization Parameters: Seattle** page, click the **Lot**, **Serial Number**, **and Packing Unit** tab.
8. Review the **Lot Generation** attributes including **Prefix**, **Total Length**, and **Zero pad suffix**.
9. Review the **Child Lot Control** parameters.
10. Review the **Serial Number Generation** attributes including **Uniqueness**, **Generation**, **Prefix**, and **Starting Serial Number**.
11. Click the **Cancel** button to return to the **Manage Inventory Organizations** page.
12. Click the **Done** button to return to the **Setup: Manufacturing and Supply Chain Materials Management** page.

Review Item Level Lot and Serial Number Parameters

13. From the **Navigator**, under **Product Management**, select **Product Information Management**.
14. Click the **Tasks** panel tab and then, select the **Manage Items** task link.
15. In the **Advanced Search** region, in the **Item** field, enter: `AS88000`. Alternatively, you can search for Item `AS4751200`.
16. Click **Search**.
17. Click the item link for Organization 000.
18. Click the **Specifications** tab.
19. Under **Item Organization**, click the **Inventory** link.
20. Review the **Lot** related attributes and fields including **Lot**, **Lot Expiration**, **Child Lot**, **Lot Split or Merge**, and **Grade Control** fields.
21. Review the **Serial** related attributes and fields including **Generation**, **Starting Prefix**, and **Starting Number**.
22. Click the **Cancel** button to return to the **Manage Items** page.
23. Click the **Done** button to return to the **Product Information Management** page.

Practice Complete:

In this practice, you reviewed the Lot and Serial Number Generation attributes for a given inventory organization.

Practice 12-1: Creating Miscellaneous Inventory Transaction

Note to instructor: Demonstrate this practice to the students.

Overview

The Manage Item Quantities page allows you to search for items with on-hand quantities as well as items with inbound quantities on known shipments that have not yet been received. Additionally, you can search for items in receiving waiting to be put away into inventory locations. You can also review item quantities at various material storage locations including inventory organization, subinventory, and locator. The Manage Item Quantities page is used to identify the location where the item exists so that it can be picked and delivered to the Engineering department.

Prerequisites: None

User Login: scmXX.student (Replace XX with your student number)

Data Entry Details

Inventory Organization	001
Inventory Item	AS65001
Subinventory	Stores
Account	101-10-24220-000-000
Quantity	1

Summary of Tasks

- Review Item On-Hand Quantity
- Create a Miscellaneous Issue Transaction
- Find Location Where Item Exists and Review the Current Balance

Steps

Review Item On-Hand Quantity

1. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.
2. Click the **Tasks** panel tab, and in the **Show Tasks** list, select **Inventory**.
3. Select the **Manage Item Quantities** link. The **Manage Item Quantities** page appears.
4. Ensure that Inventory Organization 001 is selected in the top-right of the page. If not, click the **Change Organization** button and select 001.
5. Click the **OK** button.
6. On the **Manage Item Quantities** page, in the **Advanced Search** region, in the **Item** field, enter: `AS65001`.
7. Click the **Search** button.
8. Click the **Expand** icon next to **Item AS65001** to view on-hand quantity in the Inventory Organization.
9. Click the **Expand** icon next to the **Organization 001** to view the on-hand quantity in the Subinventory. Note the **On Hand** quantity for **Subinventory Stores**.
10. Click **Done** to return to the **Inventory Management** page.

Create a Miscellaneous Issue Transaction

11. Click the **Tasks** panel tab and then, select **Create Miscellaneous Transaction**.
12. In the **Type** list, select **Miscellaneous issue**.
13. Click the **Select: Account** icon next to the **Account** field. The **Account** dialog box appears.
14. In the **Account** dialog box, click the **Search** button.
15. Select the row with **Account 101.10.24220.000.000.000**.
16. Click the **OK** button.
17. Click the **Actions** menu and select **Add**. Alternatively, click the **Add** icon in the **Transaction Lines** region.
18. In the **Item** field, enter: `AS65001`.
19. In the **Subinventory** field, enter: `Stores`.
20. In the **Quantity** field, enter: `1`.
21. Click the **Submit** button.
22. Click the **OK** button to close the confirmation message.

Find Location Where Item Exists and Review the Current Balance

23. On the **Inventory Management** page, click the **Tasks** panel tab, and in the **Show Tasks** list, select **Inventory**.
24. Select the **Manage Item Quantities** link. The **Manage Item Quantities** page appears.
25. On the **Manage Item Quantities** page, in the **Advanced Search** region, in the **Item** field enter: `AS65001`.
26. Click the **Search** button.
27. Click the **Expand** icon next to **Item AS65001** to view on-hand quantity in the Inventory Organization.
28. Click the **Expand** icon next to **Organization 001** to view the on-hand quantity in Subinventory. Note the **On Hand** quantity for subinventory **Stores**. Notice that the on-hand quantity for Item **AS65001** in subinventory **Stores** is reduced by 1.

Practice Complete:

In this practice, you created a miscellaneous inventory transaction.

Practice 12-2: Creating and Processing Movement Request

Overview

In this practice, you create, pick, and pick confirm a movement request, requesting an item to be moved from one storage location to another.

Background

You are a warehouse manager who wants to move inventory from one subinventory to another. You create a movement request requisition that tells the warehouse operator the “from” and “to” locations to use to transfer the material. The warehouse operator uses the Movement Request Pick Slip Report to print the pick slip. The warehouse operator then physically transfers the material and records this material movement in the system using the Confirm Pick Slips page.

Prerequisites: None

User Login: scmXX.student (Replace XX with your student number)

Data Entry Details

Inventory Organization	001
Inventory Item	AS00104
Source Subinventory	Stores
Destination Subinventory	Inspection
Requested Quantity	5
Picked Quantity	5

Summary of Tasks

- Review Item On-Hand Quantity
- Create Movement Request
- Pick Movement Request
- Confirm Pick Slip
- Review Item On-Hand Quantity

Review Item On-Hand Quantity

1. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.
2. On the **Inventory Management** page, click the **Tasks** panel tab, and in the **Show Tasks** list, select **Inventory**.
3. Select the **Manage Item Quantities** link. The **Manage Item Quantities** page appears.
4. Ensure that Inventory Organization 001 is selected in the top-right of the page. If not, click the **Change Organization** button and select 001.
5. Click the **OK** button.
6. Click the **Tasks** panel tab, and in the **Show Tasks** list, select **Inventory**.
7. Select the **Manage Item Quantities** link. The **Manage Item Quantities** page appears.
8. In the **Advanced Search** region, in the **Item** field, enter: `AS00104`.
9. Click the **Search** button.

10. Click the **Expand** ▸ icon next to Item AS001004 to view on-hand quantity in the Inventory Organization.
11. Click the **Expand** ▸ icon next to Organization 001 to view the on-hand quantity in the Subinventory. Note the On-Hand Quantity for subinventory Stores and subinventory Inspection.
12. Click **Done** to return to the **Inventory Management** page.

Create Movement Request

13. Click the **Tasks** panel tab and then, select **Manage Movement Requests**.

    Note: You can create a movement request transfer to move material from a source subinventory to a destination subinventory. This is done using the **Manage Movement Request** page.
14. In the **Search Results** region, click the **Create** icon. The **Create Movement Request** page opens with a pre-numbered movement request. Note down your movement request number here_____ for use later in the exercise.
15. In the **Movement Request Description** field, enter: `Movement request`.
16. In the **Transaction Type** list, select **Movement Request Transfer**.
17. In the **Source Subinventory** field, select **Stores**.
18. In the **Destination Subinventory** field, select **Inspection**.
19. In the **Lines** region, click the **Create** icon.
20. In the **Item** field, enter: `AS00104`.
21. In the **Requested Quantity** field, enter: `5`.
22. Click the **Submit** button.
23. Click the **OK** button to close the confirmation message.
24. Click the **Done** button to return to the **Inventory Management** page.

Run Movement Request Pick Slip Report

25. From the **Navigator**, under **Tools**, click **Scheduled Processes**.
26. Click **Schedule New Process**.
27. In the **Name** field, select **Search**.
28. In the **Name** field, enter: `Print`.
29. Select **Print Movement Request Pick Slip Report** and then, click **OK**.
30. In the **Organization** field, select **001**.
31. In the **From Movement Request** field, enter the Movement Request number created in the previous section.
32. In the **To Movement Request** field, enter the Movement Request number created in the previous section.
33. In the **Release Approved Lines** field, select **Yes**.
34. Click **Submit**.
35. Click **OK**.
36. Click **Refresh** until your process is **Succeeded**.

Confirm Pick Slip

37. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.
38. Click the **Tasks** panel tab and then, select **Confirm Pick Slips**.

39. In the **Movement Request** field, enter the movement request number you noted in step# 12.
40. Click the **Search** button.
41. Click the **Pick Slip** number for your movement request.
42. Select the **Ready to Confirm** checkbox.
43. In the **Picked Quantity** field, enter: `5`.
44. Click the **Confirm** button.
45. Click the **Cancel** button.
46. Click the **Done** button to return to the **Manage Item Quantities** page.

Review Item On-Hand Quantity

47. In the **Manage Item Quantities** page, in the **Advanced Search** region, in the **Item** field, enter: `AS00104`.
48. Click the **Search** button.
49. Click the **Expand** ▶ icon next to Item AS00104 to view on-hand quantity in the Inventory Organization.
50. Click the **Expand** ▶ icon next to the Organization 001 to view the on-hand quantity in the Subinventory. Note the On-Hand Quantity for subinventory Stores and subinventory Inspection. Notice that the on-hand quantity in subinvetory stores is reduced by 5 and the on-hand quantity in subinventory inspection is increased by 5.

Practice Complete:

In this practice, you learned to create, pick, and pick confirm a movement request, requesting an item to be moved from one storage location to another.

Practice 13-1: Creating and Receiving an In-Transit Interorganization Transfer

Overview

In this practice, you create an Interorganization Transfer transferring material between two different warehouses in separate inventory organizations.

Background

In this scenario, material is being shipped via carrier from the main distribution warehouse to a second warehouse. This requires the use of an “in-transit” interorganization transfer. The “in-transit” interorganization transfer must be created in the source warehouse and then the product must be received and put away in the destination warehouse.

Prerequisites:

Interorganization parameters need to be set up for the “from” and “to” organizations with an “in-transit” transfer type in order to complete this practice. The Receipt Routing should be set to “Standard”.

User Login: scmXX.student (Replace XX with your student number)

Data Entry Details

User Login	scmXX.student
Destination Organization	002
Destination Subinventory	Stores
Item	CM28287
Quantity	5

Summary of Tasks

- Review on-hand quantity in destination organization
- Create interorganization transfer transferring a quantity of 5 from the source organization to the destination organization
- Receive the product in the destination organization using “Standard” receipt routing
- Put away the material to Inventory
- Review on-hand quantity in destination organization

Steps

Review On-Hand Quantity in Destination Organization

1. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.
2. Click the **Tasks** panel tab, and in the **Show Tasks** list, select **Inventory**.
3. Click the **Manage Item Quantities** link.
4. Ensure the organization is 002. If not, click **Change Organization** and select 002.
5. On the **Manage Item Quantities** page, in the **Advanced Search** region, in the **Item** field, enter: `CM28287`.
6. Click the **Search** button.

7. Click the **Expand** ▸ icon next to the **Item** to view on-hand quantity in the **Inventory Organization**.
8. Click the **Expand** ▸ icon next to the **Organization** to view the on-hand quantity in the **Subinventory**.
9. Note the **On-Hand Quantity** for Subinventory Stores.
10. Click **Done** to return to the **Inventory Management** page.

Data Entry Details

Inventory Organization	001
Destination Organization	002
Transaction Type	In-transit Shipment
Item	CM28287
Source Subinventory	Stores
Destination Subinventory	Stores
Quantity	5
Transfer Type	In-transit (Transfer type must be set to 'In transit' in the Manage Interorganization Parameters user interface)

Create Interorganization Transfer

11. Click the **Tasks** panel tab and then, select **Create Interorganization Transfer**.
12. Ensure that Organization 001 is selected. If not, click **Change Organization** and then, select **001** in the **Organization** list.
13. In the **Destination Organization** list, select **002- Atlanta**.
14. In the **Transaction Type** list, select **Intransit Shipment**. This field should automatically populate for you.
15. Click the **Generate Shipment Number** button and record your shipment number._____
16. In the **Transaction Lines** region, click the **Add** icon.
17. In the **Item** field, enter: `CM28287`.
18. In the **Source Subinventory** field, select **Stores**.
19. In the **Destination Subinventory** field, select **Stores**.
20. In the **Quantity** field, enter: `5`.
21. Click the **Submit** button.

Data Entry Details

User Login	scmXX.student
Destination Organization	002

Navigate to Receipts Work Area

22. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.

23. Click the **Tasks** panel tab and then, in the **Show Tasks** list, select **Receipts**.
24. Ensure that Organization 002 is selected. If not, click **Change Organization** and select **002** in the Organization field.
25. Select **Receive Expected Shipments**.
26. In the **In-Transit Shipment** field, enter your in-transit shipment number that you recorded in step# 15.
27. Click the **Search** button.
28. Select the record and then, click the **Receive** button.
29. Click the **Show Receipt Quantity** button. This action defaults the quantity entered for Interorganization transfer.
30. Click the **Create Receipt** button.
31. Click the **Submit** button. Note the receipt number here _____for use later in the exercise.
32. Click **OK** to confirm.
33. Click the **Done** button.
34. Click the **Tasks** panel tab and then, select **Put Away Receipts**.
35. Enter your **Receipt** or **In-Transit Shipment** number.
36. Click the **Search** button.
37. Select the record and click the **Put Away** button.
38. Click the **Submit** button.
39. Click the **OK** button to close the confirmation message.
40. Click **Done**.

Review the On-hand Quantity in the Destination Organization

41. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.
42. Click the **Tasks** panel tab and show tasks for Inventory.
43. Select the **Manage Item Quantities** task.
44. In the **Advanced Search** region, in the **Item** field, enter: `CM28287`.
45. Click the **Search** button.
46. Click the **Expand** ▸ icon next to your organization to see on-hand in all subinventories.
47. Click the **Expand** ▸ icon next to the subinventory that was received against.
48. Verify the on-hand quantity is correct based upon the transactions you performed.
    The on-hand quantity should have increased by 5.

Practice Complete:

In this practice, you created an Interorganization Transfer transferring material between two different warehouses in separate inventory organizations.

Practice 15-1: Running Min-Max Planning at the Subinventory Level

Overview

In this practice, you run the Min-Max Planning report at the subinventory level.

Background

In this scenario you need to replenish one of your subinventories that has been configured to support min-max planning. Min-max planning is performed by running the Min-max planning report. By selecting the subinventory level planning and specifying a subinventory, you run min-max planning for a single subinventory only.

User Login: scmXX.student (XX is the student number assigned to you)

Data Entry Details

Inventory Organization	000

Summary of Tasks

- Create a new item
- Create a subinventory with required min-max parameters
- Run the min-max planning process for the subinventory
- View the Min-Max Report

Steps

Define New Item to use in Min-Max Planning

1. From the **Navigator**, under **Product Management**, select **Product Information Management**.
2. Click the **Tasks** panel tab and then, select the **Create Item** task.
3. In the **Create Item** dialog box, in the **Organization** field, enter: `000`.
4. Leave the **Create New** option selected.
5. In the **Item Class** list, select **Root Item Class**.
6. In the **Available List** column, select **Purchased Item**.
7. Click the › icon to move it to the **Selected List** column. Then, click **OK**.
8. In the **Item** field, enter: `SCM_AB_XX`. Replace XX with your student number.
9. In the **Description** field, enter an appropriate description.
10. Click the **Save** button.
11. Record your **Item** _____. This Item will be used later in this practice.
12. Click the **Associations** tab.
13. Click the **Select and Add** icon.
14. Search for **Organization 001** by entering **001** in the **Search** field and click the **Search** icon.
15. Select the **Organization 001** and click **Apply**.
16. Click the **Done** button once **Organization 001** has been added.
17. Click the **Save and Close** button at the top of the page.

Create New Subinventory to use in Min-Max Process

Data Entry Details

User Login	scmXX.student
Subinventory	User Defined (InitialsMINMAX)

18. From the **Navigator**, under **Others**, select **Setup and Maintenance**.
19. On the **Setup and Maintenance** page, click the **Manufacturing and Supply Chain Materials Management** offering.
20. On the **Setup: Manufacturing and Supply Chain Materials Management** page, click the **Inventory Management** functional area, and then click the **Manage Subinventories and Locators** task. The **Manage Subinventories and Locators** page appears.
21. Select Organization **001** and click **OK**.
22. Click the **Create** icon.
23. In the **Subinventory Name** field, enter YZMINMAX. Replace YZ with your initials.

    Note: You will need to remember your subinventory name for later in this practice.
24. In the **Description** field, enter an appropriate description.
25. Click the **Save and Close** button.
26. Click the **OK** button to close the Confirmation dialog window.
27. Click the **Manage Item Subinventories** button.
28. Click the **Add** icon.
29. Enter the item that you recorded earlier in this practice in Step 11.
30. Select the **Min-Max planning** check box.
31. In the **Minimum Quanity** field, enter: `1` and in the **Maximum Quantity** field, enter: `10`.
32. In the **Sourcing** section, in the **Type** list, select **Subinventory**.

    Note: Selecting Subinventory causes the min-max planning to create a movement request. To create a transfer order that does a subinventory transfer within the same organization, select Organization as the Source Type and enter the same organization you are creating the new subinventory under (001 in this use case).
33. Click the **Save and Close** button.
34. Click the **Done** button.
35. Click the **Done** button on the **Manage Subinventory** page.

Run the Min-Max Scheduled Process

36. From the **Navigator**, under **Tools**, select **Scheduled Processes**.
37. Click the **Schedule New Process** button.
38. Select Scheduled Process **Print Min-Max Planning Report** and click **OK**.
39. In the **Process Detail Parameters** dialog box, enter or select values as follows:

Field	**Value**
Organization	001
Sort By	Inventory Item
From Item	Item number you recorded in Step 11
To Item	Item number you recorded in Step 11

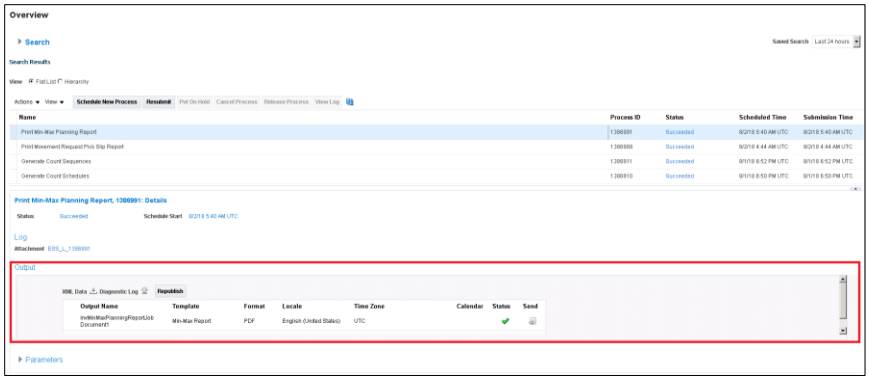
Planning Level	Subinventory
Item Selection	All min-max planned items
Subinventory	Your Subinventory
Lot Control	Included both lot and not lot controlled items
Demand Cutoff Date	Current Date
Demand Cutoff Date Offset	0
Supply Cutoff Date	Current Date
Supply Cutoff Date Offset	0
Restock	Yes

40. Additionally, perform the following steps:
    a. In the **Process Details** dialog box, click the **Advanced** button.
    b. Click the **Output** tab.
    c. Click the **Add** icon.
    d. In the **Format** list, select **PDF**.
41. Click the **Submit** button.
42. Click the **OK** button to close the confirmation message.

View the Min-Max Report

43. Click the **Refresh** button and select the line with the Print Min-Max Planning report process that was just executed.

    Note: Click the **Refresh** icon until the status changes to “Succeeded”.
44. Select the row with Print Min-Max Planning Report.
45. Scroll down to the **Output** section.



46. Click the **Republish** button. The Oracle BI Publisher window displays.
47. Click the **View Report** icon and then, select **PDF**.
48. View the report details. Confirm the Minimum Quantity, Maximum Quantity, and Reorder Quantity.
49. Close the Oracle BI Publisher Window by clicking the “X” in the upper right hand corner.

View Movement Request Created by Min-max Planning Process

50. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.

51. Ensure that Inventory Organization **001** is selected. If not, click **Change Organization** and then, select 001.
52. Click the **Tasks** panel tab and then, select **Manage Movement Requests**.
53. Search for your item and then, click the **Search** button.
54. View the movement request that was created by min-max processing.

Practice Complete:

In this practice, you ran the Min-Max Planning report at the subinventory level.

Practice 16-1: Creating Cycle Count, Recording Count Sequences, and Approving Count Sequences

Instructor Note: Demonstrate this practice to the students.

Overview

The Counts work area shows count sequences that need to be recorded as well as count sequences that have been recorded but have discrepant quantities from the current system quantity and need to be approved based on the approval settings of the cycle count.

Background

In this scenario, the warehouse manager performs a miscellaneous receipt into a subinventory, defines a cycle count, generates count sequences, records count sequences and approves count sequences. This process shows adjusting inventory with the correct item quantity.

Prerequisites: None

User Login: scmXX.student (Replace XX with your student number)

Data Entry Details

Organization	001
Count Name	Your Initials_CYCLE1
Item	Item that you created in Practice 5-1: Creating a Basic Item
Subinventory	Your Initials Subinventory

Summary of Tasks

- Review the ABC Setups
- Create a Subinventory
- Perform a Miscellaneous Receipt
- Create a Cycle Count
- Generate Count Schedules and Count Sequences

Steps:

Review the ABC Setups

1. From the **Navigator**, under **Others**, select **Setup and Maintenance**.
2. On the **Setup and Maintenance** page, select the **Manufacturing and Supply Chain Materials Management** offering.
3. Select the **Inventory Management** functional area and then, select the **Manage ABC Classes** task.
4. On the **Manage ABC Classes** page, ensure that Org 001 is selected. If not, click the **Change Organization** button and select it. Then, review the following:

ABC Class	Description
Class A	Most Important Items
Class B	Medium Important Items
Class C	Less Important Items

5. Click **Cancel** to return to the **Setup and Maintenance** page.
6. Select the **Manage ABC Classification Sets** task.
7. On the **Manage ABC Classification Sets** page, review the following:

Field	Value
Name	ABC_OnHandValue_Set
Criteria	Current on-hand value
Content Scope	Subinventory
Subinventory	Stores
Valuation Scope	Subinventory
Status	Complete

8. Click **Done** to return to the **Setup and Maintenance** page.
9. Select the **Manage ABC Assignment Groups** task.
10. On the **Manage ABC Assignment Groups** page, review the following:

Field	Value
Assignment Group Name	ABC_OnHandValue_GRP
ABC Classification Set	ABC_OnHandValue_Set
Criteria	Current on-hand value
Subinventory	Stores
Valuation Scope	Subinventory
Number of ABC Assignments	All

11. Click **Cancel** to return to the **Setup and Maintenance** page.

Create a Subinventory

12. Select the **Manage Subinventories and Locators** task. The **Manage Subinventories and Locators** page appears.
13. Change the Organization to **001**.
14. Click the **Create** icon.
15. In the **Subinventory** field, enter your initials followed by SUB. For example, MJSUB.
16. In the **Description** field, enter an appropriate description for your subinventory.
17. Click the **Save and Close** button.
18. Click the **OK** button to close the confirmation message.
19. Click the **Done** button to return to the search page.

Perform a Miscellaneous Receipt

20. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.
21. Click the **Tasks** panel tab and show the tasks for **Inventory**.
22. Select the **Create Miscellaneous Transaction** link. The **Create Miscellaneous Transaction** page appears.
23. Ensure the 001 organization is selected. If not, click **Change Organization** and select 001.
24. In the **Type** field, select **Miscellaneous Receipt**.
25. In the **Transaction Lines** region, click the **Add** icon.
26. In the **Item** field, enter the item you created in Practice 5-1: Creating a Basic Item. Then, tab out.
27. In the **Subinventory** field, enter the subinventory you created in step# 6.
28. In the **Quantity** field, enter: `10`.
29. Select any **Account** from the list of values on the **Account** field.
30. Click **Submit**. A message stating your transaction processed with no issues appears.

Create a Cycle Count

31. On the **Inventory Management** page, click the **Tasks** panel tab and show tasks for **Counts**.
32. Click the **Create Cycle Count** task link. The **Create Cycle Count: Enter Primary Details** train stop appears.
33. In the **Count Name** field, enter: `Your Initials _CYCLE1`.
34. In the **Description** field, enter: `Your Initials _Cycle Count 1`.
35. In the **Subinventories to Count** region, select your subinventory and click the **Include in Count** button.
36. Click the **Next** button. The **Define Schedules and Approvals** train stop appears.
37. In the **Schedules** section, select the **Automatically Schedule** checkbox.
38. In the **Frequency** field, select **Daily**.
39. In the **Workday Schedule** field, select **Operations.**
40. In the **Approvals** section, click the **Approval Required** check box.
41. In the **Approval Type** option, select **Always**.
42. Click the **Next** button. The **Define Parameters** train stop appears.
43. In the **Starting Count Sequence** field, enter: `10000`.
44. In the **Maximum Days Before Late** field, enter: `1` .
45. Accept the default settings under the **Serial Number Options** section.
46. Click the **Next** button. The **Define Items and Classes** train stop page appears.
47. In the **ABC Classes** region, click the **Add Row** icon.
48. In the **ABC Class** list, select **Class A**.
49. In the **Counts per Year** field, enter: `152` and then, tab out of field.
50. In the **Class A: Items** region, click the **Add Row** icon.
51. Enter your item in the item field and tab out.
52. Select the **Include in Schedule** check box.
53. Click the **Next** button. The **Review** train stop appears.
54. Review all Cycle Count settings on this train stop.

55. Click the **Define Classes and Items** train stop in the Cycle Count Definition train and verify the counts per year is **152**. Click **Save and Close**. The **Manage Cycle Counts** page appears with the cycle count just created listed in the search results.

Generate Count Schedules and Count Sequences

56. On the **Manage Cycle Counts** page, select the row with "**Your Initials_CYCLE1**".
57. Click the **Actions** menu and then, select **Generate Count Schedules**.
58. Click the **OK** button.
59. Review the concurrent process from this action. From the **Navigator**, under **Tools**, select **Scheduled Processes**.
60. The **Scheduled Processes** page appears. Click the **refresh** icon and verify that the **Generate Count Schedules** process has a status of **Succeeded**.
61. Do NOT attempt the next action until the **Generate Count Schedules** process has succeeded.
62. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.
63. Click the **Tasks** panel tab and show tasks for **Counts**.
64. Select the **Manage Cycle Counts** link.
65. Expand the Advanced Search and then, search for **Your Cycle Count** by entering **Your Cycle Count** in the **Count Name** field. Click **Search**.
66. Select **Your Cycle Count**, and then click the **Actions** menu. Select **Generate Count Sequences**.
67. Review the concurrent process from this action. From the **Navigator**, under **Tools**, select **Scheduled Processes**.
68. The **Scheduled Processes** page appears. Click the **Refresh** icon and verify the **Generate Count Sequences** process has a status of **Succeeded**.
69. Navigate back to the **Counts** work area. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.
70. Click the **Tasks** panel tab and select the **Record Count Sequences** link. The **Record Count Sequence** page appears.
71. In the **Advanced Search** region, in the **Count Name** field, enter: `Your Initials_Cycle1`.
72. Click the **Search** button. The Count Sequence is shown in the Search Results region.
73. Select the Count Sequence. In the **Count Quantity** field, enter `5`.
74. Accept the default, or select a name in the **Counted By** list.
75. Click **Submit**. A confirmation message indicating the number of count sequences processed appears.
76. Click the **OK** button to return to the **Inventory Management** work area.
77. On the **Cycle Count Sequences** infolet, count sequences needing approval are displayed.
78. Click the appropriate section of the ring on the infolet that displays count sequences to approve.
79. In the **Total** column for your count, click the number link. The **Approve Count Sequences** page displays with the count sequence populated in the Search Results table.
80. Accept the default, or select from the list of values a **Reviewed By** name, select the row and click the **Approve** button.

81. Notice that the **Count Sequence Status** changes from **Pending approval** to **Approved, not submitted**.
82. Click the **Submit** button. A confirmation message indicating the approval process was completed and the adjustments were processed appears.

Practice Complete:

In this practice, you created cycle count, recorded count sequences, and approved count sequences.

Practice 18-1: Loading Inventory Data from External Source Using File-Based Loader Template

Note to instructor: Demonstrate this practice to the students.

Overview

In this practice, you upload inventory opening balances for an inventory organization from an external source, using the Inventory Transaction File-Based Loader template.

Note: The instructor will provide instructions to access the **Integration Lesson Sample Spreadsheet.xlsm**.

Prerequisites: None

User Login: scmXX.student (Replace XX with your student number)

Data Entry Details

Organization Name	001 Seattle
Inventory Item	AS00104
Subinventory	Stores
Transaction Date	Today's Date
Quantity	250
Cost	5.00

Summary of Tasks

- Review Current On-Hand Quantity
- Upload Inventory Balances
- Confirm On-Hand Quantity

Review Current On-Hand Quantity

Prior to uploading the inventory balances, you review and record the current on-hand quantity for your item.

1. From the **Navigator**, under **Supply Chain Execution**, click **Inventory Management**.
2. Click the **Tasks** panel tab and then, select **Manage Item Quantities**.
3. On the **Manage Item Quantities** page, in the **Item** field, enter: `AS00104`.
4. In the **Subinventory** field, select or enter: `Stores`.
5. Click the **Search** button.
6. Record the **Quantity** for your item here: _____. You will use the quantity recorded to compare against the on-hand quantity after completing the data upload practice.

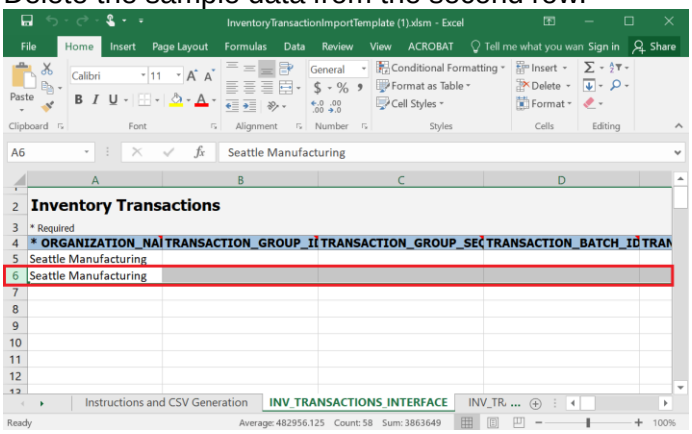
Setting Microsoft Excel Trust Settings

7. Launch Microsoft Excel from the Desktop.

8. Select **File**, then click **Options**.
9. In the Edit Options dialog, click **Trust Center**.
10. Click the **Trust Center Settings** button.
11. In the **Trust Center** dialog, click **ActiveX Settings**.
12. Select the **Prompt me before enabling all controls with minimal restrictions** option.
13. Click **Macro Settings**.
14. Select the **Disable all macros with notification** option.
15. Click **OK**.

Upload Inventory Balances

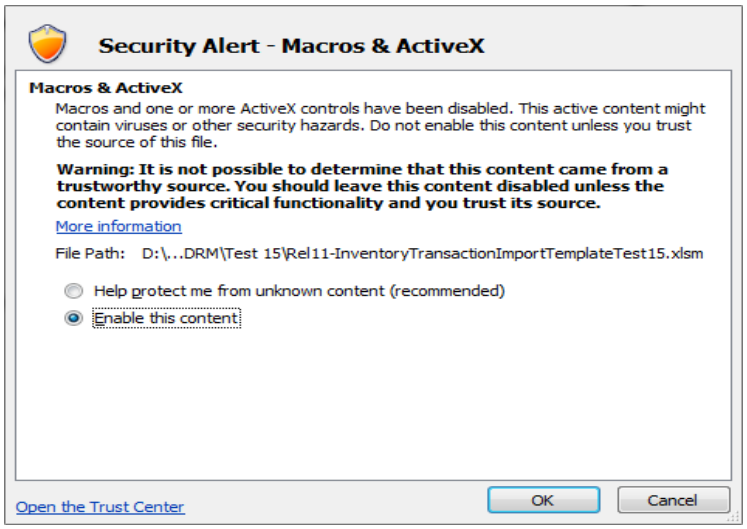
16. Locate the file based loader template: **Integration Lesson Sample Spreadsheet.xlsm**.
17. Open the **Integration Lesson Sample Spreadsheet.xlsm** template.
18. Open the Worksheet **'INV_TRANSACTIONS_INTERFACE'**.
19. Delete the sample data from the second row.



20. In the first row, in the **Organization_Name** column, enter: `Seattle`.
21. In the **Process_Flag** column, enter: `1`
22. In the **Item_Number** column, enter: `AS00104`.
23. In the **Subinventory_Code** column, enter `Stores`.
24. In the **Transaction_Quantity** column, enter `250`.
25. In the **Transaction_Unit_of_Measure** column, enter `Ea`.
26. In the **Transaction_Date** column, enter the current date.
27. In the **Transaction_Type_Name** column, enter `Miscellaneous Receipt`.
28. Leave all other data in remaining columns.
29. Open the tab **INV_TRANSACTIONS_LOTS_INTERFACE** and delete all sample data.
30. Open the tab **INV_SERIAL_NUMBERS_INTERFACE** and delete all sample data.
31. Open the tab **CST_I_INCOMING_TXN_COSTS** and delete all sample data.
32. In the **CST_I_INCOMING_TXN_COSTS** tab, delete the sample data in the second row.
33. In the **Cost** column, enter: **5**.
34. Open the tab **'Instructions and CSV Generation.'**
35. Generate the CSV File by clicking the **Generate CSV File** button.

    Note: The **Generate CSV File** button runs an Excel Macro to generate a .zip file. If the Excel Macro does not run, check the Security Warning message at the top of the Excel Spreadsheet.

36. Clicking the **Options** button in the **Security Warning** message displays the dialog box displayed in the screenshot below. Select the **Enable this content** option and then, click the **OK** button.



37. On clicking the **Generate CSV File** button, a file of type Zip Files **(*.zip)** is generated. Select a location to save the file.

    Note: When saving your Zip File make sure that you put your initials in the file name. For example InvTransactionsInterface_MJ.zip. This will ensure that you can select your file when performing the File import.
38. From the **Navigator**, under **Tools**, select **File Import and Export**.
39. On the **File Import and Export** page, click the **Upload** icon in the toolbar.
40. Clicking the **Upload** + icon opens the **Upload File** dialog box.
41. Click the **Browse** or **Choose File** button and select the .ZIP File saved to your directory.
42. Select the **scm/inventoryTransaction/import** account and click the **Save and Close** button.

    Note: Ensure you select the file saved with your initials. For example, select file InvTransactionsInterface_MJ.zip. This will ensure that you are uploading the file you created.
43. The file appears in the Search Results within the **File Import and Export** page.
44. From the **Navigator**, under **Tools**, select **Scheduled Processes**.
45. On the **Scheduled Processes** page, click the **Schedule New Process** button.
46. Search and Select the **Load Interface File for Import** scheduled process.
47. Click the **OK** button to open the **Process Details** dialog window.
48. Select the Import Process **Create Inventory Transactions** and select the Data File **InvTransactionsInterface_(Your Initials).zip**.
49. Click the **Submit** button. A confirmation message appears.
50. The Status of the Scheduled Process should be **Succeeded**.
51. On the **Scheduled Processes** page, click the **Schedule New Process** button.
52. Search and select the **Manage Inventory Transactions** scheduled process. Click **OK**.

53. Click the **OK** button again to open the **Process Details** dialog window.
54. Click the **Submit** button. A confirmation message appears.
55. Click **OK** to close the confirmation message.
56. On the **Scheduled Processes** page, click the **Refresh** icon.
57. The Status of the Scheduled Process should be **Succeeded**.

Confirm On-Hand Quantity

58. After completing the data upload, confirm the on-hand quantity.
59. From the **Navigator**, under **Supply Chain Execution**, select **Inventory Management**.
60. Click the **Tasks** panel tab and then, select **Manage Item Quantities** page.
61. In the **Item** field, enter your item. Then, in the **Subinventory** field, select or enter **Stores**.
62. Click the **Search** button.
63. Record the **Item Quantity**. The quantity recorded should reflect the beginning on-hand balance plus the inventory balance uploaded_____.

Practice Complete:

In this practice, you loaded inventory data from external source using File-Based Loader Template.

Practice 19-1: Creating an Ad-Hoc OTBI analysis

Overview

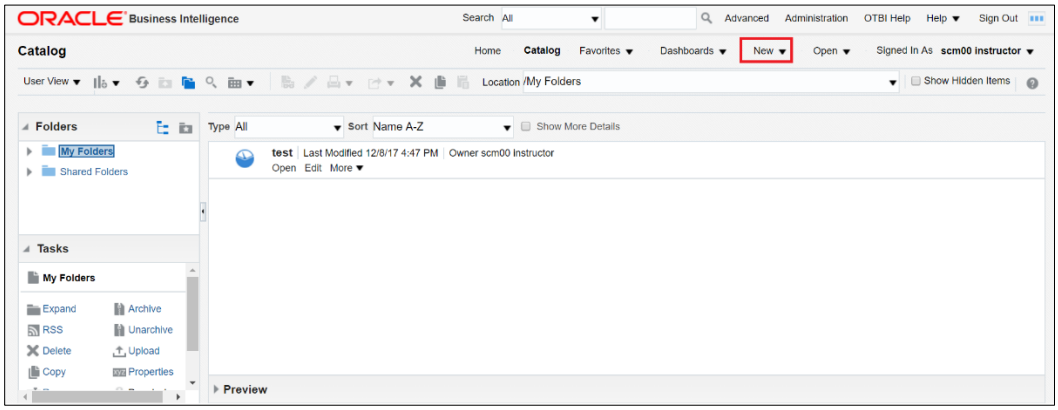
In this practice, you navigate to the Business Intelligence (BI) Answers page and build an OTBI report to analyze inventory balances.

Prerequisites: None

User Login: scmXX.student (replace XX with your student number)

Steps:

1. From the **Navigator**, under **Tools**, select **Reports and Analytics**.
2. On the **Reports and Analytics** page, in the **Contents** pane, click the **Browse Catalog** button. The **Oracle BI Answers** page opens in a new browser tab.
3. Click the **New** menu. In the **Analysis and Interactive Reporting** section, select the **Analysis** link.



4. In the **Select Subject Area** pane, select the **Inventory – Inventory Balance Real Time** subject area. After selecting the Inventory Balance Real Time subject area, subject area with a series of folders on the left hand side of the BI Answers page are displayed. These folders have the attributes and measures that you may require to build reports for a certain content area, in this case Inventory Balances.

   To start building an ad-hoc report, you can drag and drop the desired attributes or metrics into the **Selected Columns** pane on the right. Alternatively, you can double click the desired attribute or measure.
5. On the left of the page, in the **Subject Areas** pane, click the **Expand** icon next to the **Item** folder and then, the **Main** sub folder. Select **Item Name** by double clicking.
6. Click the **Expand** icon next to the **Inventory Organization** folder and then, double click the **Inventory Organization Name**.
7. Click the **Expand** icon next to the **Current On-Hand Inventory** folder and double click **On-Hand Quantity** to add this metric to the analysis.
8. Click the **Results** tab to see the default tabular report that is generated.
9. Click the **Save As** icon in the top-right of the page below your user name. The **Save As** dialog box appears.

10. Enter `Inventory Balances Report XX` in the **Name** field. Replace XX with your student number. Save your report under **/Shared Folders/Custom/SCM/Inventory**.
11. Click **OK** to close the **Save As** dialog box.

Practice Complete:

In this practice, you navigated to BI Answers and created an ad-hoc report using an existing SCM OTBI subject area to review on hand quantity by item and inventory organization.

Practice 19-2: Creating a Dashboard and Linking an OTBI Report to the Dashboard

Overview

In this practice, you navigate to BI Answers, build a Dashboard, and link an OTBI report to the Dashboard.

Prerequisites: None

User Login: scmXX.student (Replace XX with your student number)

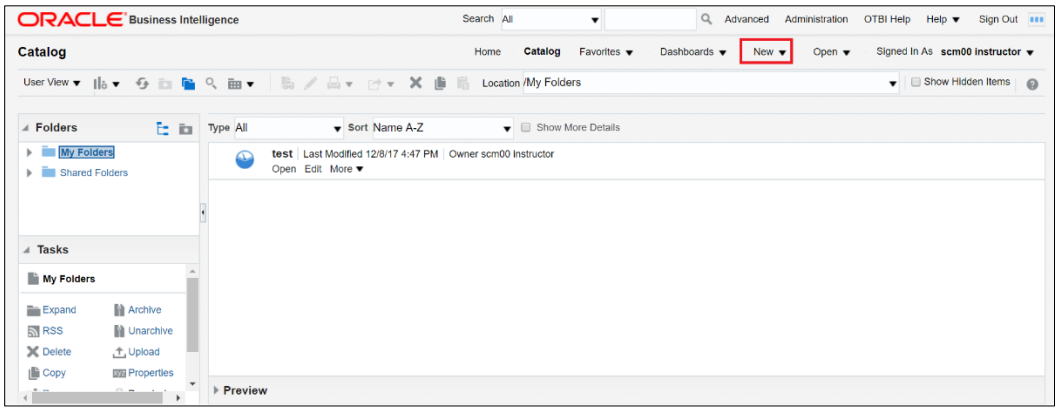
Steps:

Navigate to the BI Answers Page

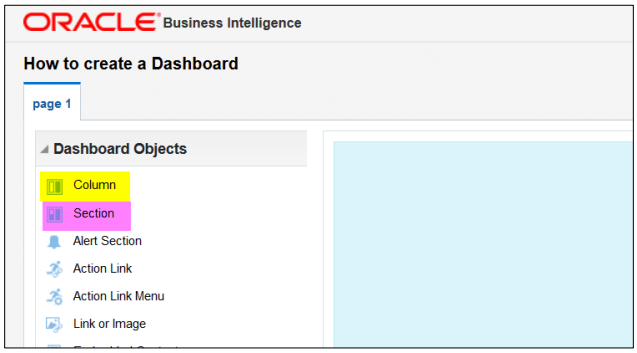
1. From the **Navigator**, under **Tools**, select **Reports and Analytics**.
2. On the **Reports and Analytics** page, in the **Contents** pane, click the **Browse Catalog** button. The **Oracle BI Answers** page opens in a new browser window.

Build a Dashboard

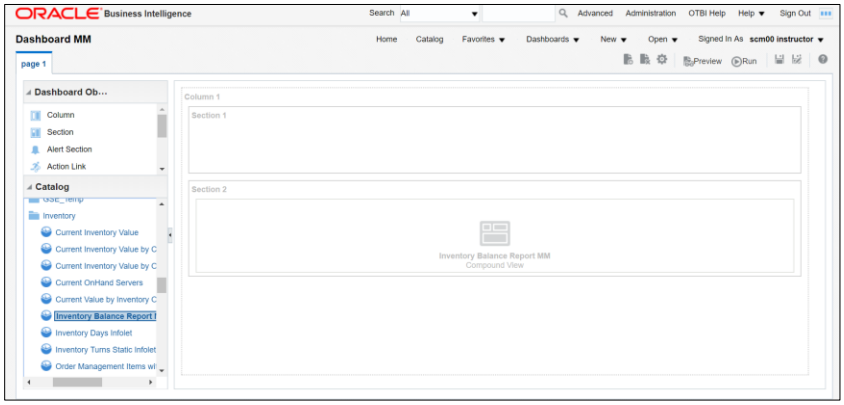
3. On the **BI Answers** page, click the **New** menu and then, select the **Dashboard** Link.



4. In the **New Dashboard** dialog box, in the **Name** field, enter: `Dashboard XX`. In the **Description** field, enter: `Inventory Balances Report Dashboard XX`. Replace XX with your student number.
5. Specify a location for the new Dashboard. /Shared Folder/Custom/Dashboards is the default location.
6. Either select the **Add content now** option, or the **Add content later** option. Click **OK**.
7. In the left-hand pane, select the **Column** icon and drag it over to the blank canvas on the right-hand side. Then, select the **Section** icon and drag it over to the blank canvas on the right-hand side.



8. On the bottom left of the page, in the **Catalog** section, expand the following folders in succession:
    - Shared Folders
    - Custom
    - SCM
    - Inventory
9. In the **Inventory** folder, locate the **Inventory Balances Report** that you created in “Practice 19-1: Create an ad-hoc OTBI analysis using BI answers and then, drag and drop it in the **Section 1** area of the blank canvas.



10. Click the **Preview** button on the top right of the page to preview the report on the Dashboard. The **Inventory Balances Report** opens in a new window.

11. To save the Dashboard to a particular location, click the **Save Dashboard As** icon on the top right of the page. In the **Save As** dialog box, specify a location (For example: Shared Folders/Custom/SCM/Inventory) to save the Dashboard.
12. Click **OK** to close the **Save As** dialog box. To view the Dashboard, click the **Run** Run icon in the top-right of the page. Alternatively, click the **Dashboard** menu in the top-right of the page and then, select your Dashboard.

Practice Complete:

You navigated to BI Answers and created a Dashboard and link an OTBI report to the Dashboard. You created a simple Dashboard and pulled an OTBI report into a Dashboard.