

**RAJDEEP DAS**  
**EMP ID: 2152683**  
**ASSIGNMENT 9- O2C Cycle**

**1. Perform the Steps of O2C cycle**

**2. Write queries for each step**

**Question 1 Answer: Perform the Steps of O2C Cycle**

Step 1: Switch to responsibility Order Management Super User, Vision Operations (USA) → Orders, Returns → Sales Order

Step 2: In the Customer field, I have chosen A. C. Networks. Rests of the fields are filled automatically.

The screenshot shows the 'Sales Orders (Vision Operations) - 70426, A. C. Networks' window. The 'Order Information' tab is active, and the 'Main' sub-tab is selected. The form contains the following data:

Field	Value
Customer	A. C. Networks
Customer Number	1143
Customer PO	
Customer Contact	
Ship To Location	Provo (OPS)
	3405 East Bay Blvd.
	Provo, UT, 84606, US
Bill To Location	Provo (OPS)
	3405 East Bay Blvd.
	Provo, UT, 84606, US
Order Number	70426
Order Type	Mixed
Date Ordered	16-JUN-2022 05:11:39
Price List	Corporate
Salesperson	Green, Suzanne
Status	Booked
Currency	USD
Subtotal	1.80
Tax	0.13
Charges	0.00
Total	1.93

At the bottom of the window, there are buttons for 'Actions', 'Related Items', 'Configurator', 'Availability', and 'Book Order'.

Step 3: Go to Line Items Tab just beside the Order Information tab above and I have chosen there 10-40W Oil as Ordered Item. Put 2 in the Qty field and click on Availability button below to check the availability of 10-40W Oil (whether it is available or not).

Below are the screenshots:



## ORDER TAB DETAILS:

Release Sales Orders For Picking

Based On Rule  Document Set All Pick Release Docum [ ]  
Batch

**Release Criteria**

Order Shipping Inventory

Orders Unreleased  
Order Number 70426  
☐ Prior Reservations Only  
Destination Type Ship-To Location  
Customer A. C. Networks  
Ship-To   
Item  
Category Set  Category   
Number   
Scheduled Ship Dates  
From   
To 16-JUN-2022 23:59:59  
Requested Dates  
From   
To 16-JUN-2022 23:59:59  
Order Type Mixed  
Ship Set   
Execute Ngw Concurrent

## SHIPPING TAB DETAILS:

Release Sales Orders For Picking

Based On Rule  Document Set All Pick Release Docum [ ]  
Batch

**Release Criteria**

Order Shipping Inventory

Trip   
Delivery   
Ship Method   
Line/Container   
Release Sequence Rule All Standard Orders  
Autocreate Delivery Yes  
Auto Pick Confirm Yes  
Ship Confirm Rule   
Actual Departure Date   
Stop   
Ship From M1- Seattle Mfg : 3455  
Shipment Priority   
☐ Include Assigned Lines  
Autocreate Across Orders  
Delivery Criteria   
Autopack Delivery Yes  
Append Deliveries No  
Execute Ngw Concurrent

## INVENTORY TAB DETAILS:

Release Sales Orders For Picking

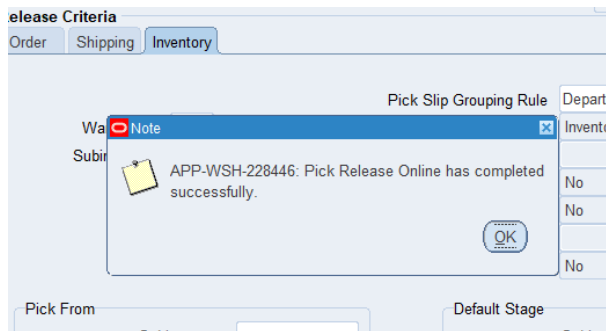
Based On Rule  Document Set All Pick Release Docum [ ]  
Batch

**Release Criteria**

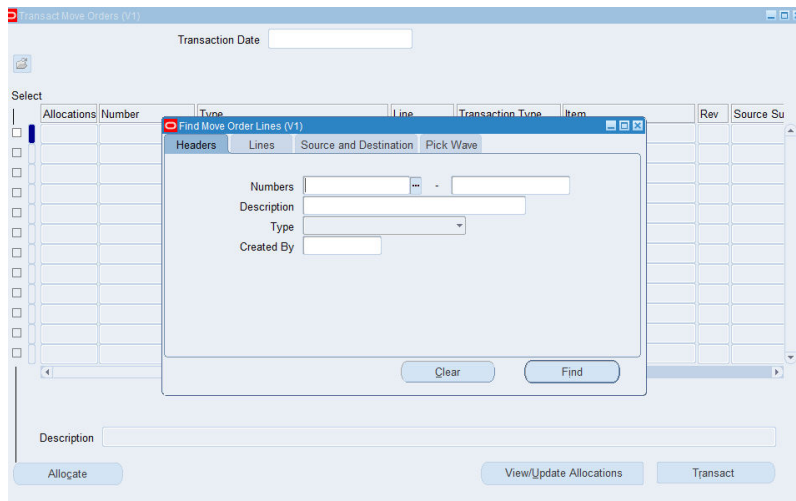
Order Shipping Inventory

Warehouse M1  
Subinventory   
Project   
Task   
Pick Slip Grouping Rule Departure, Delivery  
Allocation Method Inventory Only  
Cross Dock Criteria   
Auto Allocate No  
Plan Tasks No  
Task Priority   
Pull Replenishment No  
Pick From  
Subinventory   
Locator   
Default Stage  
Subinventory Staging1  
Locator   
Execute Ngw Concurrent

Step 8: Click on 'Execute Now'. Click on 'OK'. Stored the batch no.: 6462697



Step 9: Switch to Inventory Vision Operations (USA) responsibility → Move Orders → Transact Move Orders. (In the Step 7 we have done Auto-Pick Confirm: 'Yes', so we don't need apply this step else we can apply this step by entering the received order number in the Number field and proceed)



Step 10: Go to View → Requests

Set up as with these details:

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**Name: Workflow Background Process**

---

**Item type: OM Order Line**

---

**Process Defined: Yes**

---

**Process Timeout: Yes**

---

The image shows two overlapping windows from a software application. The background window is titled 'Submit Request' and contains fields for 'Name' (Workflow Background Process), 'Operating Unit', 'Parameters', 'Language' (American English), 'At these Times' (Run the Job: As Soon as Possible), 'Upon Completion' (Save all Output Files: checked), 'Layout', 'Notify', and 'Print to' (noprint). The foreground window is titled 'Parameters' and contains fields for 'Item Type' (OM Order Line), 'Minimum Threshold', 'Maximum Threshold', 'Process Deferred' (Yes), 'Process Timeout' (Yes), and 'Process Stuck'. Both windows have 'OK', 'Cancel', 'Clear', and 'Help' buttons.

Step 11: Click OK. Click Submit. Click No.

Step 12: Check if the process status normal.

### (Creating Invoice in Next Step)

Step 13: Switch to Receivables, Vision Operations (USA) responsibility → Transactions → Transactions

Filled details as it are shown:

- A. Source: Manual-Consult; Choose Bill to: A. C. Networks,
- B. Payment Term: 30 NET

The image shows the 'Transactions (Vision Operations : USD)' window. It has tabs for 'Main', 'More', 'Notes', 'Commitment', and 'Reference Information'. The 'Main' tab is active. The 'Transaction' section includes fields for 'Source' (Manual-Consult), 'Date' (16-JUN-2022), 'Transaction Number', 'GL Date' (31-MAY-2022), 'Class' (Invoice), 'Currency' (USD), 'Type' (Inv-Consult-East), 'Reference', 'Legal Entity' (Vision Operations), and a 'Complete' checkbox. The 'Balance Due' section has fields for 'Line', 'Tax', 'Freight', 'Charges', and 'Total', with 'Details' and 'Refresh' buttons. The 'Ship To' section has fields for 'Name', 'Number', 'Location', 'Address', and 'Contact'. The 'Bill To' section has fields for 'Name' (A. C. Networks), 'Number' (1143), 'Location' (Provo (OPS)), 'Address' (3405 East Bay Blvd.), and 'City' (Provo, UT 84606 United States). The 'Sold To' section has fields for 'Name' (A. C. Networks) and 'Number' (1143). The 'Paying Customer' section has fields for 'Name' (A. C. Networks), 'Number' (1143), and 'Location' (Provo (OPS)). The 'Payment Details' section has fields for 'Receipt Method' (Automatic Receipts), 'Payment Method' (Bank Account Transfer), and 'Instrument Number', with a 'Select Instrument' button. The 'Commitment' section has fields for 'Payment Term' (30 NET), 'Invoicing Rule', and 'Due Date' (16-JUL-2022). At the bottom, there are buttons for 'Line Items', 'Tax', 'Freight', 'Distributions', 'Sales Credits', and 'Incomplete'.

Step 14: Click on Line Items button below. Fill it as shown and saved it:

Under the Main tab, in the Item field 'Oil Change', I have given Quantity 2 and Unit Price 0.9.

Num	Item	Description	UOM	Quantity	Unit Price	Amount	Tax Classifica	Trans
1	Oil Change	Vehicle Oil Change Activity	Each	2	.9	1.80	Location	

Step 15: Save it, Close it and got the generated Invoice number: 501681

Step 16: Now navigating to Receipts→Receipts

Filled as shown and saved it:

- Receipt no. is randomly given no.
- USD is now 1.80 (Shown in the Step 14)
- As the newly created Invoice Number is not available in the Trans Number field under Main Tab, so we have chosen existing one i.e. 501.

Receipts (Vision Operations : USD)

Receipt

Receipt Method: Manual  
 Receipt Number: 1455  
 Receipt Amount: USD 1.80  
 Receipt Type: Standard  
 State: Cleared

Receipt Date: 16-JUN-2022  
 GL Date: 31-MAY-2022  
 Maturity Date: 16-JUN-2022  
 Functional Amount: 1.80

Balances

Unidentified	0.00
Applied	0.00
On Account	0.00
Unapplied	1.80
Cash Claims	0.00
Prepayments	0.00

Main More

Detail

Identify By  
 Trans Number: 501

Earned Discounts: 0.00  
 Unearned Discounts: 0.00

Customer

Name: Mahali Holdings, Inc.  
 Number: 2078  
 Location: 5418  
 Taxpayer ID:

Bank Charges:

Customer Bank

Name:  
 Account:  
 PSN:

Remittance Bank

Name: Bank of America  
 Branch: New York  
 Account: \*\*\*\*\*619

Reference:  
 Postmark Date:

Comments:

Confirm... 1 Reverse... 1 Receipt History Search and Apply Apply

Step 17: Switch to General Ledger Vision Operations (USA) responsibility→ Journals→ Enter

Step 18: Click New Journal button.

Step 19: Running Query and got my Journal i.e. RAJDEEP\_JOURNAL.

Step 20: Entered another detail under the Lines tab in the new row 2. Saved it.

Journals (Vision Operations Corp.) - RAJDEEP\_JOURNAL 15-JUN-2022 14:34:26

Journal: RAJDEEP\_JOURNAL

Description:

Ledger: Vision Operations (U) Category: Adjustment

Period: Jul-22 Effective Date: 01-JUL-2022

Balance Type: Actual Budget:

Clearing Company: Tax: Not Required

Journal Type: Standard Control Total:

Conversion

Currency: USD  
 Date: 01-JUL-2022  
 Type: User  
 Rate: 1

Reverse

Date:  
 Period:  
 Method: Switch Dr/Cr  
 Status: Not Reversed

Reverse

Lines Other Information

Line	Account	Debit (USD)	Credit (USD)	UOM	Qty	Description
1	01-000-2210-0000-000	22,785.00				
2	01-000-2210-0000-000	1.80				
		22,786.80				

Acct Desc: Operations-No Department-Accounts Payable-No Sub Account-No Product

Post AutoConv Batch Approve Line Drilldown T Accounts

For Account, I have chosen Payables. Debit: 1.80

Step 21: Saved it.

-----END OF QUESTION 1-----

## Question 2: Write queries for each step

-----AFTER ENTERING THE ORDER-----

--ORDER\_NUMBER: 70426

```
SELECT HEADER_ID, ORDER_NUMBER, FLOW_STATUS_CODE, BOOKED_FLAG, ORG_ID
FROM OE_ORDER_HEADERS_ALL
WHERE ORDER_NUMBER='70426';
```

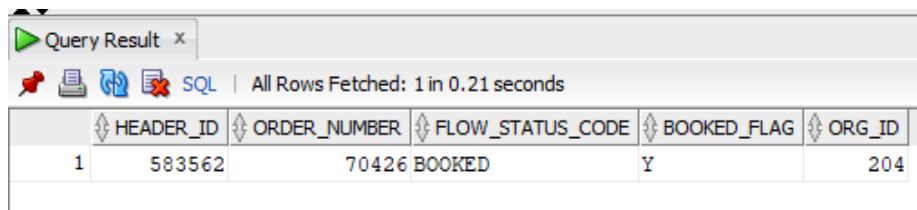
-- HEADER\_ID: 583562

```
SELECT HEADER_ID, LINE_ID, flow_status_code, line_number, ordered_item, ordered_quantity,
unit_list_price_per_pqty
FROM OE_ORDER_LINES_ALL
WHERE HEADER_ID='583562';
```

--LINE\_ID: 772490

-----AFTER BOOKING THE ORDER-----

```
SELECT HEADER_ID, ORDER_NUMBER, FLOW_STATUS_CODE, BOOKED_FLAG, ORG_ID
FROM OE_ORDER_HEADERS_ALL
WHERE ORDER_NUMBER='70426';
```



The screenshot shows a 'Query Result' window with a toolbar containing icons for save, print, refresh, and SQL. Below the toolbar, it states 'All Rows Fetched: 1 in 0.21 seconds'. The table below has columns: HEADER\_ID, ORDER\_NUMBER, FLOW\_STATUS\_CODE, BOOKED\_FLAG, and ORG\_ID. The first row contains the values: 1, 583562, 70426, BOOKED, and Y.

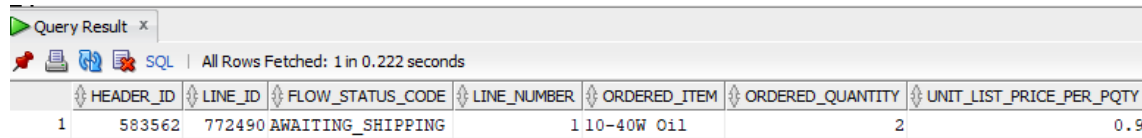
	HEADER_ID	ORDER_NUMBER	FLOW_STATUS_CODE	BOOKED_FLAG	ORG_ID
1	583562	70426	BOOKED	Y	204

```
SELECT HEADER_ID, LINE_ID, flow_status_code, line_number, ordered_item, ordered_quantity,
unit_list_price_per_pqty
```



FROM OE\_ORDER\_LINES\_ALL

WHERE HEADER\_ID='583562';



Query Result x

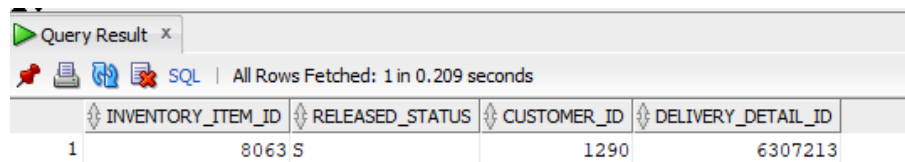
All Rows Fetched: 1 in 0.222 seconds

HEADER_ID	LINE_ID	FLOW_STATUS_CODE	LINE_NUMBER	ORDERED_ITEM	ORDERED_QUANTITY	UNIT_LIST_PRICE_PER_PQTY
1	583562	772490	AWAITING_SHIPPING	1 10-40W 011	2	0.9

SELECT INVENTORY\_ITEM\_ID, RELEASED\_STATUS, CUSTOMER\_ID, delivery\_detail\_id

FROM WSH\_DELIVERY\_DETAILS

WHERE source\_header\_id='583562';



Query Result x

All Rows Fetched: 1 in 0.209 seconds

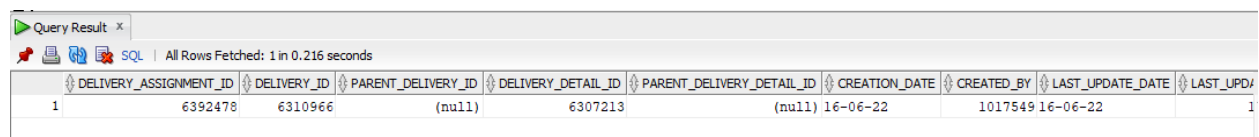
INVENTORY_ITEM_ID	RELEASED_STATUS	CUSTOMER_ID	DELIVERY_DETAIL_ID
1	8063 S	1290	6307213

--DELIVERY\_DETAIL\_ID: 6307213

SELECT \*

FROM WSH\_DELIVERY\_ASSIGNMENTS

WHERE DELIVERY\_DETAIL\_ID='6307213';



Query Result x

All Rows Fetched: 1 in 0.216 seconds

DELIVERY_ASSIGNMENT_ID	DELIVERY_ID	PARENT_DELIVERY_ID	DELIVERY_DETAIL_ID	PARENT_DELIVERY_DETAIL_ID	CREATION_DATE	CREATED_BY	LAST_UPDATE_DATE	LAST_UPDATE_DATE
1	6392478	6310966	(null)	6307213	(null)	16-06-22	1017549	16-06-22

--DELIVERY\_ASSIGNMENT\_ID: 6392478

-----AFTER PICK RELEASE-----

SELECT INVENTORY\_ITEM\_ID, RELEASED\_STATUS, CUSTOMER\_ID, delivery\_detail\_id

FROM WSH\_DELIVERY\_DETAILS

WHERE source\_header\_id='583562';

Query Result x			
All Rows Fetched: 1 in 0.22 seconds			
INVENTORY_ITEM_ID	RELEASED_STATUS	CUSTOMER_ID	DELIVERY_DETAIL_ID
1	8063 S	1290	6307213

--CUSTOMER\_ID: 1290

--INVENTORY\_ITEM\_ID: 8063

SELECT \*

FROM WSH\_DELIVERY\_ASSIGNMENTS

WHERE DELIVERY\_DETAIL\_ID='6307213';

Query Result x									
All Rows Fetched: 1 in 0.221 seconds									
DELIVERY_ASSIGNMENT_ID	DELIVERY_ID	PARENT_DELIVERY_ID	DELIVERY_DETAIL_ID	PARENT_DELIVERY_DETAIL_ID	CREATION_DATE	CREATED_BY	LAST_UPDATE_DATE	LAST_UPD	
1	6392478	6310966	(null)	6307213	(null)	16-06-22	1017549	16-06-22	

--DELIVERY\_ASSIGNMENT\_ID: 6392478

--DELIVERY\_ID: 6310966

SELECT \*

FROM FND\_USER

WHERE USER\_NAME='XXCTS\_RAJDEEP';

Query Result x							
All Rows Fetched: 1 in 0.206 seconds							
USER_ID	USER_NAME	LAST_UPDATE_DATE	LAST_UPDATED_BY	CREATION_DATE	CREATED_BY	LAST_UPDATE_LOGIN	ENCRYPTED_FOUNDATION_PASSWORD
1	1017549 XXCTS_RAJDEEP	15-06-22	1017549	31-05-22	1016345	7825141	VH111QMZELsC50vBwY46seB9LdDZygnw23vFPk/YNOHPHs=

--USER\_ID: 1017549

SELECT INTERFACE\_HEADER\_ATTRIBUTE1

FROM RA\_CUSTOMER\_TRX\_ALL

WHERE INTERFACE\_HEADER\_CONTEXT='ORDER ENTRY';

```

SELECT *

FROM RA_CUSTOMER_TRX_ALL

WHERE INTERFACE_HEADER_ATTRIBUTE1='602071';

```

Query Result x

All Rows Fetched: 1 in 0.296 seconds

CUSTOMER_TRX_ID	LAST_UPDATE_DATE	LAST_UPDATED_BY	CREATION_DATE	CREATED_BY	LAST_UPDATE_LOGIN	TRX_NUMBER	CUST_TRX_TYPE_ID	TRX_DATE	SET_OF_BOOKS_
1	845341 16-02-09	2190	16-02-09	2190	5964021	2625	1522	11-02-09	2

```

SELECT *

FROM AR_CASH_RECEIPTS_ALL

WHERE RECEIPT_NUMBER='1455';

```

Query Result x

All Rows Fetched: 1 in 0.207 seconds

CASH_RECEIPT_ID	LAST_UPDATED_BY	LAST_UPDATE_DATE	LAST_UPDATE_LOGIN	CREATED_BY	CREATION_DATE	AMOUNT	SET_OF_BOOKS_ID	CURRENCY_CODE	RECEIVABLES
1	271304	1017549	16-06-22	-1	1017549	16-06-22	1.8	1 USD	

```
-- CASH_RECEIPT_ID: 271304
```

```

SELECT *

FROM GL_JE_HEADERS GJH, GL_JE_LINES GJL

WHERE GJL.JE_HEADER_ID=GJH.JE_HEADER_ID

AND NAME='RAJDEEP_JOURNAL';

```

Query Result x

All Rows Fetched: 2 in 0.23 seconds

JE_HEADER_ID	LAST_UPDATE_DATE	LAST_UPDATED_BY	LEDGER_ID	JE_CATEGORY	JE_SOURCE	PERIOD_NAME	NAME	CURRENCY_CODE	STATUS	DATE_CREATED
1	7225894 16-06-22	1017549	1	Adjustment	Manual	Jul-22	RAJDEEP_JOURNAL	USD	U	15-06-22
2	7225894 16-06-22	1017549	1	Adjustment	Manual	Jul-22	RAJDEEP_JOURNAL	USD	U	15-06-22

-----END OF QUESTION 2-----