

## **RAJDEEP DAS**

**EMP ID: 2152683 Date: 14.06.2022**

### **Assignment 7- P2P**

1. Create an Item
2. Create a Buyer
3. Create a Requisition
4. Write a query to display the details of the Item you created
5. Write a query to display the details of the Buyer you created
6. Is your Buyer an Employee or a Vendor? Which column tells you that your Buyer an Employee or a Vendor?
7. Write a query to display the name of the Vendor for your Requisition
8. Write a query to display the type of Requisition. What is the difference between Internal Requisition and Purchase Requisition?
9. Write a query to display the total amount of your Requisition.
10. Write a query to display the Requisition number, date, quantity, price, total amount, currency code for your Requisition.
11. Write a query to display complete details of your Requisition. (Use all 3 tables).

#### **ANSWERS:**

##### **Q1: Creating ITEM:**

Step 1: Go to Internet Explorer → Login to Oracle EBS Home page → In the Navigation bar, click on Inventory, Vision Operations (USA) → Click on Items → Click on Master Items

Step 2: Choose Vision Operations V1 as Organization. The Master Item dialogue box will appear.

Step 3: Named it as 'XXCTS\_RAJDEEP\_ALMOND'. Under the Main tab, choose Kilogram as primary unit. Go to Inventory tab and checked Inventory Item, Stockable Item and Transactable Item.

Master Item (V1)

Organization: V1 | Vision Operations

Item: XXCTS\_RAJDEEP\_ALMOND

Description: CALIFORNIA ALMOND

Display Attributes: Master, Org, All

Unit of Measure: Primary: Kilogram

Tracking: Primary

Pricing: Primary

Secondary:

Defaulting:

Deviation Factor +: 0 %

Deviation Factor -: 0 %

Conversions: Standard, Item specific, Both

User Item Type:

Item Status: Active

Long Description:

Master Item (V1)

Organization: V1 | Vision Operations

Item: XXCTS\_RAJDEEP\_ALMOND

Description: CALIFORNIA ALMOND

Display Attributes: Master, Org, All

Inventory Item: ☒ Stockable, ☒ Reservable (G), ☒ Transactable

Revision Control (D): ☐ Cycle Count Enabled

Lot Expiration (Shelf Life): Control: No Control, Shelf Life Days: 0, Retest Interval: , Expiration Action Interval: , Expiration Action:

Serial: Generation: No Control, Starting Prefix: , Starting Number: , Serial Tagging Enabled: ☐

Grade Controlled: ☐ Default Grade:

Material Classification Type:

Material Classification Control: No Control

Locator Control: No Control

Restrict Subinventories: ☐ Restrict Locators (J): ☐

Step 4: Under the Order Management tab, checked it as Shippable and Returnable.

Step 5: Under the Invoicing tab, checked both the Invoiceable Item and Invoice Enabled.

Master Item (V1)

Organization: V1 | Vision Operations

Item: XXCTS\_RAJDEEP\_ALMOND

Description: CALIFORNIA ALMOND

Display Attributes: Master, Org, All

Lead Times, Work In Process, Order Management, Invoicing, Process Manufacturing, Service, Web Option

Customer Ordered (Z): ☐ Internal Ordered: ☐ Pick Components: ☐ Assemble to Order: ☐ Ship Model Complete: ☐

Customer Orders Enabled: ☐ Internal Orders Enabled: ☐ Check ATP: None, ATP Rule: None, ATP Components: , Picking Rule: , Default Shipping Organization: , Default SO Source Type: Internal, Shipping Subinventory: , Charge Periodicity:

Returnable: ☒ RMA Inspection Required: ☐ Financing Allowed: ☐

Tolerances: Over Shipment: , Over Return: , Under Shipment: , Under Return:

Master Item (V1)

Organization: V1 | Vision Operations

Item: XXCTS\_RAJDEEP\_ALMOND

Description: CALIFORNIA ALMOND

Display Attributes: Master, Org, All

Lead Times, Work In Process, Order Management, Invoicing, Process Manufacturing, Service, Web Option

Invoiceable Item: ☒ Invoice Enabled: ☒

Accounting Rule:

Invoicing Rule:

Output Tax Classification Code:

Sales Account: 01-510-4110-0000-000

Payment Terms:

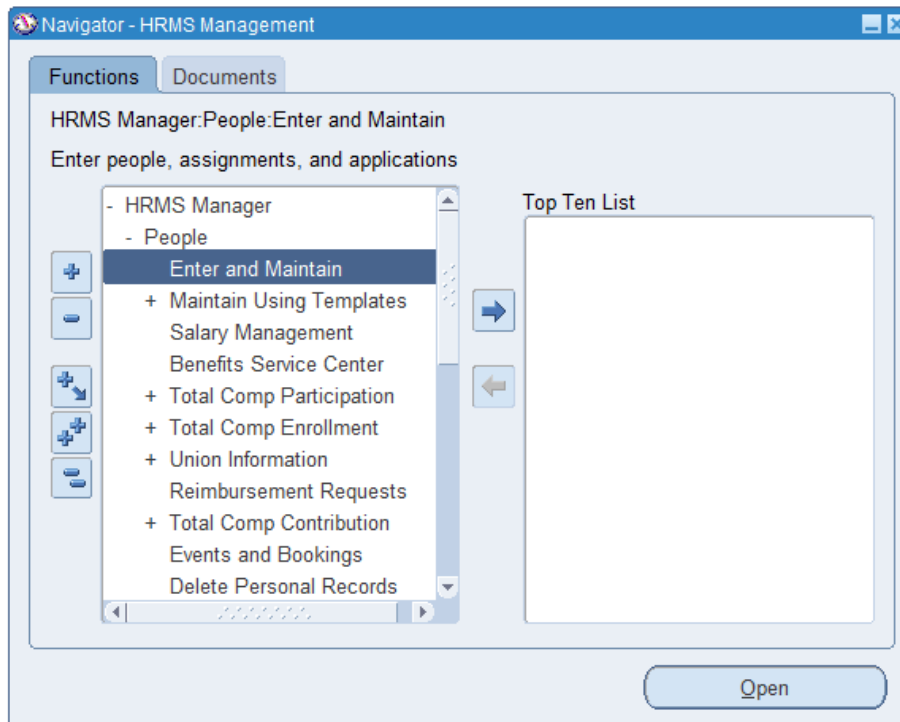
Step 6: Click on Save.

**ITEM IS CREATED. ----- END OF QUESTION 1.**

## Q2: Creating Buyer:

Step 1: Go to Oracle EBS Application. Switch to Responsibility.

Responsibility → HRMS Management → HRMS Manager → People → Enter and Maintain



Step 2: In the Find Person dialogue box choose Type as Employee and in the Find field search User. Then click on Find.

Or click on 'New' button to create new Employee.

Step 3: Attach that Buyer to your User Id in the Oracle EBS.

**BUYER CREATED. -----END OF QUESTION 2**

### Q3: Creating Requisition:

First go to System Administrator → Security → User → Define and start query to find XXCTS\_RAJDEEP. Here, the person field is filled as Barleycorn, John X.

Responsibility	Application	Description	Security Group	From	To
Application Developer	Application Object Lib	application develop	Standard	31-MAY-2022	
Workflow Administrator Web	Application Object Lib	Workflow	Standard	10-JUN-2022	
System Administrator	System Administration	system administrat	Standard	31-MAY-2022	
General Ledger, Vision Oper	General Ledger	general ledger	Standard	31-MAY-2022	
Payables, Vision Operations	Payables	payables	Standard	31-MAY-2022	

So, I am working on this existing Person as Buyer.

Step 1: Switch to Purchasing, Vision Operations (USA) and choose Requisitions → Requisitions. Requisitions dialogue box will appear on the screen.

Step 2: Operating Unit will be Vision Operations. Description is: "Requisition for Almonds". 'Type' is 'Purchase Requisition'. Under the Lines tab. Choose Type as Good (Default). Click on Item 3 dots and find your Items. Mine is XXCTS\_RAJDEEP\_ALMOND.

Step 3: Given 100 (kg) in Quantity column and 10000 in Price Column.

Step 4: Below in Organization, chosen 'Vision Operations', Location as 'Adelaide', Source as Supplier and Supplier as '3M Health Care'

Step 5: Go to the Currency tab, and set the Rate Type as 'INR'.

Step 6: Saved it and got the Requisition number: 200684

**Requisitions - [New]**

Operating Unit: Vision Operations  
 Number: 200684  
 Description: Requisition For Alm

Type: Purchase Requi  
 Status: Incomplete

Preparer: Barleycorn, John X.  
 Total: USD 10,000,000.00

Lines Source Details Details Currency

Num	Type	Item	Rev	Category	Description	UOM	C
1	Goods	XXCTS_RAJDEEP_ALM		MISC.MISC	CALIFORNIA ALMOND	Kilogr	1

Destination Type: Inventory  
 Requester: Barleycorn, John X.  
 Organization: Vision Operations  
 Location: Adelaide  
 Subinventory:

Source: Supplier  
 Supplier: 3M Health Care  
 Site:  
 Contact:  
 Phone:

Outside Services Catalog... Distributions Approve...

**Requisitions - [New]**

Operating Unit: Vision Operations  
 Number: 200684  
 Description: Requisition For Alm

Type: Purchase Requi  
 Status: Incomplete

Preparer: Barleycorn, John X.  
 Total: USD 10,000,000.00

Lines Source Details Details Currency

Num	UOM	Quantity	Price	Need-By	Amount	Charge	Accou
1	Kilogr	100	100000		10,000,000.00		

Destination Type: Inventory  
 Requester: Barleycorn, John X.  
 Organization: Vision Operations  
 Location: Adelaide  
 Subinventory:

Source: Supplier  
 Supplier: 3M Health Care  
 Site:  
 Contact:  
 Phone:

Outside Services Catalog... Distributions Approve...

**Requisitions - 200684**

Operating Unit: Vision Operations  
 Number: 200684  
 Description: Requisition For Alm

Type: Purchase Requi  
 Status: Incomplete

Preparer: Barleycorn, John X.  
 Total: USD 10,000,000.00

Lines Source Details Details Currency

Currency Base Currency

Num	Rate Type	Rate Date	Rate	Price	Amou
1	Corporate	14-JUN-2022		100000	10,000,000.00

Destination Type: Inventory  
 Requester: Barleycorn, John X.  
 Organization: Vision Operations  
 Location: Adelaide  
 Subinventory:

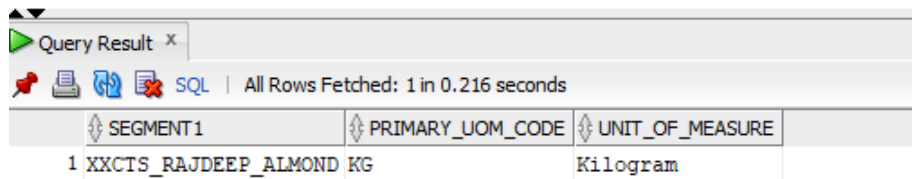
Source: Supplier  
 Supplier: 3M Health Care  
 Site:  
 Contact:  
 Phone:

Outside Services Catalog... Distributions Approve...

REQUISITION IS CREATED. ----- END OF QUESTION 3

**Q4: Write a query to display the details of the Item you created.**

```
SELECT SEGMENT1,PRIMARY_UOM_CODE,UNIT_OF_MEASURE
FROM MTL_SYSTEM_ITEMS_B MSIB , MTL_UNITS_OF_MEASURE_TL MUOMT
WHERE MSIB.PRIMARY_UNIT_OF_MEASURE = MUOMT.UNIT_OF_MEASURE
and segment1='XXCTS_RAJDEEP_ALMOND'
AND LANGUAGE ='US';
```



The screenshot shows a SQL query result window titled 'Query Result'. It displays the results of a query that filters for a specific item segment. The results are shown in a table with three columns: SEGMENT1, PRIMARY\_UOM\_CODE, and UNIT\_OF\_MEASURE. The first row shows the value '1 XXCTS\_RAJDEEP\_ALMOND' for SEGMENT1, 'KG' for PRIMARY\_UOM\_CODE, and 'Kilogram' for UNIT\_OF\_MEASURE. The status bar indicates 'All Rows Fetched: 1 in 0.216 seconds'.

SEGMENT1	PRIMARY_UOM_CODE	UNIT_OF_MEASURE
1 XXCTS_RAJDEEP_ALMOND	KG	Kilogram

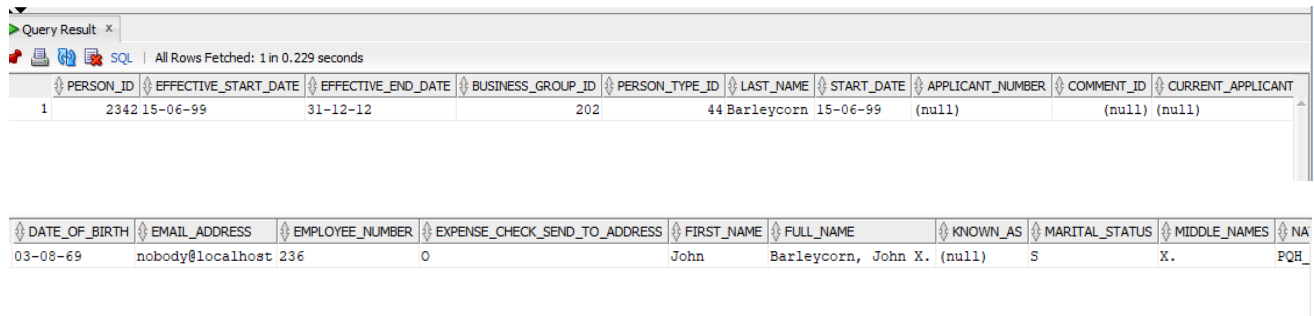
-----END OF QUESTION 4-----

**Q5. Write a query to display the details of the Buyer you created.**

Query:

```
SELECT * FROM PER_ALL_PEOPLE_F WHERE LAST_NAME = 'Barleycorn';
```

(Running Query on existing person as Buyer in my user profile i.e. XXCTS\_RAJDEEP)

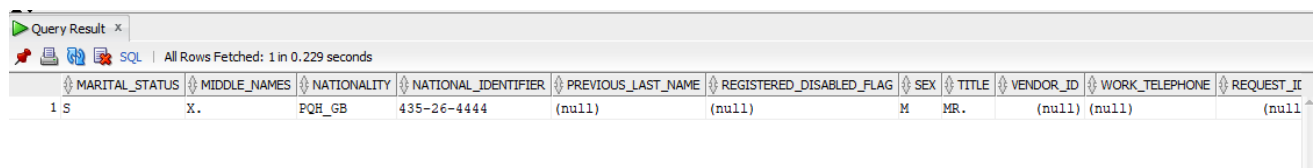


The screenshot shows a SQL query result window titled 'Query Result'. It displays the results of a query that filters for a specific person's last name. The results are shown in two tables. The first table has columns: PERSON\_ID, EFFECTIVE\_START\_DATE, EFFECTIVE\_END\_DATE, BUSINESS\_GROUP\_ID, PERSON\_TYPE\_ID, LAST\_NAME, START\_DATE, APPLICANT\_NUMBER, COMMENT\_ID, and CURRENT\_APPLICANT. The second table has columns: DATE\_OF\_BIRTH, EMAIL\_ADDRESS, EMPLOYEE\_NUMBER, EXPENSE\_CHECK\_SEND\_TO\_ADDRESS, FIRST\_NAME, FULL\_NAME, KNOWN\_AS, MARITAL\_STATUS, MIDDLE\_NAMES, and NA. The status bar indicates 'All Rows Fetched: 1 in 0.229 seconds'.

PERSON_ID	EFFECTIVE_START_DATE	EFFECTIVE_END_DATE	BUSINESS_GROUP_ID	PERSON_TYPE_ID	LAST_NAME	START_DATE	APPLICANT_NUMBER	COMMENT_ID	CURRENT_APPLICANT
1	2342 15-06-99	31-12-12	202	44	Barleycorn	15-06-99	(null)	(null)	(null)

DATE_OF_BIRTH	EMAIL_ADDRESS	EMPLOYEE_NUMBER	EXPENSE_CHECK_SEND_TO_ADDRESS	FIRST_NAME	FULL_NAME	KNOWN_AS	MARITAL_STATUS	MIDDLE_NAMES	NA
03-08-69	nobody@localhost	236	0	John	Barleycorn, John X.	(null)	S	X.	PQH



The screenshot shows a SQL query result window titled 'Query Result'. It displays the results of a query that filters for a specific person's last name. The results are shown in a table with columns: MARITAL\_STATUS, MIDDLE\_NAMES, NATIONALITY, NATIONAL\_IDENTIFIER, PREVIOUS\_LAST\_NAME, REGISTERED\_DISABLED\_FLAG, SEX, TITLE, VENDOR\_ID, WORK\_TELEPHONE, and REQUEST\_IT. The status bar indicates 'All Rows Fetched: 1 in 0.229 seconds'.

MARITAL_STATUS	MIDDLE_NAMES	NATIONALITY	NATIONAL_IDENTIFIER	PREVIOUS_LAST_NAME	REGISTERED_DISABLED_FLAG	SEX	TITLE	VENDOR_ID	WORK_TELEPHONE	REQUEST_IT
1 S	X.	PQH_GB	435-26-4444	(null)	(null)	M	MR.	(null)	(null)	(null)

-----END OF QUESTION 5-----

**Q6. Is your Buyer an Employee or a Vendor? Which column tells you that your Buyer an Employee or a Vendor?**

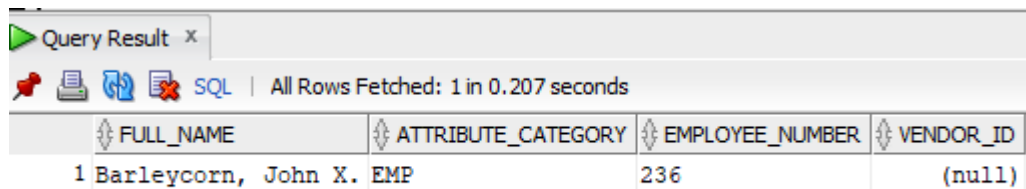
ANSWER: Buyer is here Employee.

Name: 'Barleycorn, John X.

Proof:

```
SELECT FULL_NAME, ATTRIBUTE_CATEGORY, EMPLOYEE_NUMBER, VENDOR_ID
FROM PER_ALL_PEOPLE_F WHERE FULL_NAME = 'Barleycorn, John X.';
```

Output:



FULL_NAME	ATTRIBUTE_CATEGORY	EMPLOYEE_NUMBER	VENDOR_ID
1 Barleycorn, John X.	EMP	236	(null)

Here VENDOR\_ID is null but EMPLOYEE\_NUMBER is 236 and ATTRIBUTE\_CATEGORY is EMP.

The Attribute\_Category and Employee\_Number Column are denoting that the Buyer is Employee.

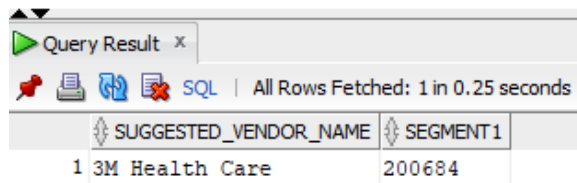
So, 'Barleycorn, John X. is Employee.

-----END OF QUESTION 6-----

**Q7. Write a query to display the name of the Vendor for your Requisition.**

QUERY:

```
SELECT SUGGESTED_VENDOR_NAME, SEGMENT1 FROM PO_REQUISITION_HEADERS_ALL PRHA,
PO_REQUISITION_LINES_ALL PRLA
WHERE PRHA.REQUISITION_HEADER_ID = PRLA.REQUISITION_HEADER_ID
AND PRHA.SEGMENT1 = '200684';
```



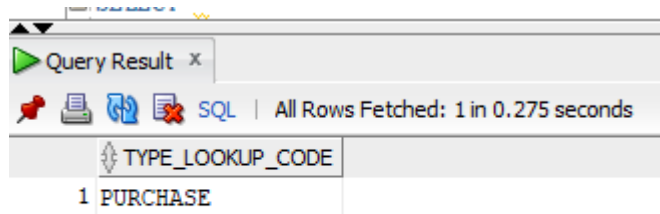
	SUGGESTED_VENDOR_NAME	SEGMENT1
1	3M Health Care	200684

-----END OF QUESTION 7-----

**Q8: Write a query to display the type of Requisition. What is the difference between Internal Requisition and Purchase Requisition?**

QUERY:

```
SELECT TYPE_LOOKUP_CODE FROM PO_REQUISITION_HEADERS_ALL
WHERE SEGMENT1 = '200684';
```



	TYPE_LOOKUP_CODE
1	PURCHASE

Difference between Internal and Purchase Requisition is:

Internal Requisition works within an organization but Purchase Requisition works when we have to request from Suppliers from External source.

-----END OF QUESTION 8-----

**Q9: Write a query to display the total amount of your Requisition.**

QUERY:

```
SELECT SEGMENT1, UNIT_PRICE*QUANTITY AS TOTAL_AMOUNT
FROM PO_REQUISITION_HEADERS_ALL PRHA, PO_REQUISITION_LINES_ALL PRLA
WHERE PRHA.REQUISITION_HEADER_ID = PRLA.REQUISITION_HEADER_ID
AND PRHA.SEGMENT1 = '200684';
```





## ANSWER:

All the screenshots below are of the single row output.

Query Result x

All Rows Fetched: 1 in 0.438 seconds

REQUISITION_HEADER_ID	PREPARER_ID	LAST_UPDATE_DATE	LAST_UPDATED_BY	SEGMENT1	SUMMARY_FLAG	ENABLED_FLAG	SEGMENT2	SEGMENT3	SEGMENT4	SEGMENTS	STAF
1	667981	2342 14-06-22	1017549 200684	N	Y	(null)	(null)	(null)	(null)	(null)	(null)

Query Result x

All Rows Fetched: 1 in 0.438 seconds

LAST_UPDATE_LOGIN	CREATION_DATE	CREATED_BY	DESCRIPTION	AUTHORIZATION_STATUS	NOTE_TO_AUTHORIZER	TYPE_LOOKUP_CODE	TRANSFERRED_TO_OE_FLAG	A
1	7824496 14-06-22	1017549	Requisition For Almonds	INCOMPLETE	(null)	PURCHASE	(null)	(nu

Query Result x

All Rows Fetched: 1 in 0.438 seconds

REQUISITION_LINE_ID	REQUISITION_HEADER...	LINE_NUM	LINE_TYPE_ID	CATEGORY_ID	ITEM_DESCRIPTION	UNIT_MEAS_LOOKUP_CODE	UNIT_PRICE	QUANTITY	DELIVER_TO_LOC
1	718428	667981	1	1	1 CALIFORNIA ALMOND	Kilogram	100000	100	

Query Result x

All Rows Fetched: 1 in 0.438 seconds

DELIVER_TO_LOCATION_ID	TO_PERSON_ID	LAST_UPDATE_DATE_1	LAST_UPDATED_BY_1	SOURCE_TYPE_CODE	LAST_UPDATE_LOGIN_1	CREATION_DATE_1	CREATED_BY_1	ITEM_ID	ITE
1	2084	2342 14-06-22	1017549	VENDOR	7824496 14-06-22	1017549	315243	(nul	

Query Result x

All Rows Fetched: 1 in 0.438 seconds

RATE_DATE	RATE	CURRENCY_UNIT_PRICE	SUGGESTED_VENDOR_NAME	SUGGESTED_VENDOR_LOCATION	SUGGESTED_VENDOR_CONTACT	SUGGESTED_VENDOR_PHONE	SUGGESTED_VENDOR...
1 14-06-22	(null)	(null)	3M Health Care	(null)	(null)	(null)	(null)

Query Result x

All Rows Fetched: 1 in 0.438 seconds

DESTINATION_TYPE_CODE	DESTINATION_ORGANIZATION_ID	DESTINATION_SUBINVENTORY	QUANTITY_CANCELLED	CANCEL_DATE	CANCEL_REASON	CLOSED_CODE_1	AGENT_RETURN_NOTE
1 INVENTORY	204 (null)		(null)	(null)	(null)	(null)	(null)

-----END OF QUESTION 11-----