

Lab Assignment for Week #9 (MI - Oracle)
(Project Questions from Chapter 7 of the textbook)

(NOTE: Screen shot examples in these instructions may be different than your screen shot values)

Screen Shot #1A: Displaying the STORE table records

Display the records contained in the STORE table. To accomplish this, left click on the table name in the object panel. From the query results panel on the right, select the “Data” tab.

NOTE: Make changes to the Inert_Data SQL file, as outlined below, before you populate the STORE table

IMPORTANT – Ensure that the record which contains the name “Jade Antiques” has been changed to reflect your first and last name (DO NOT alter any other information regarding this record). (Example, for student Sara Jones, the store would be renamed Sara Jones Antiques.)
IMPORTANT – Ensure that all tables and views are visible in the object panel of the Oracle SQL Developer screen

The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' pane shows the 'QAC Store' connection selected. The 'Object Explorer' pane lists various database objects, including tables like EMPLOYEE, PURCHASE_ITEM, SHIPMENT, SHIPMENT_ITEM, SHIPMENT_RECEIPT, SHIPPER, and the selected 'STORE' table. The main window shows the 'STORE' table's 'Data' tab, displaying a list of records with columns STOREID, STORENAME, CITY, and COUNTRY. The record with STOREID 1100 is highlighted, showing the name 'Abdullah Ilgun' in the STORENAME column. The bottom status bar indicates the current session is 'Running: ldeConnections%23QAC+Store.jpr - Log'.

STOREID	STORENAME	CITY	COUNTRY
1	1000 Eastern Sales	Singapore	Singapore
2	1050 Eastern Treasures	Manila	Philippines
3	1100 Abdullah Ilgun	Singapore	Singapore
4	1150 Andes Treasures	Lima	Peru
5	1200 Eastern Sales	Hong Kong	People's Republic of China
6	1250 Eastern Treasures	New Delhi	India
7	1300 EuropeanImports	New York City	United States

Screen Shot #1B: Displaying the STORE table details

Display the details of the STORE table. To accomplish this, left click on the view name in the object panel. From the query results panel on the right, select the “Details” tab.

IMPORTANT – Ensure that all tables and views are visible in the object panel of the Oracle SQL Developer screen

IMPORTANT – Ensure that the OWNER row is visible (you being the owner)

The screenshot displays the Oracle SQL Developer interface. The title bar reads "Oracle SQL Developer: Table SYSTEM.STORE@QAC Store". The menu bar includes File, Edit, View, Navigate, Run, Team, Tools, Window, and Help. The main window is divided into three panes. The left pane, titled "Connections", shows a tree view of database objects for the "QAC Store" connection. Under "Tables (Filtered)", the "STORE" table is selected. The right pane, titled "STORE", shows the "Details" tab with a table of properties. The bottom pane, titled "Reports", shows a list of report types. The status bar at the bottom indicates the current session is "QAC Store | SYSTEM | STORE".

Name	Value
1 CREATED	10-NOV-20
2 LAST_DDL_TIME	10-NOV-20
3 OWNER	SYSTEM
4 TABLE_NAME	STORE
5 TABLESPACE_NAME	SYSTEM
6 CLUSTER_NAME	(null)
7 IOT_NAME	(null)
8 STATUS	VALID
9 PCT_FREE	10
10 PCT_USED	40
11 INIT_TRANS	1
12 MAX_TRANS	255
13 INITIAL_EXTENT	65536
14 NEXT_EXTENT	1048576
15 MIN_EXTENTS	1
16 MAX_EXTENTS	2147483645
17 PCT_INCREASE	(null)
18 FREELISTS	1
19 FREELIST_GROUPS	1
20 LOGGING	YES
21 BACKED_UP	N
22 NUM_ROWS	7
23 BLOCKS	1
24 EMPTY_BLOCKS	0

Screen Shot #2A: Displaying view results

Question P on page 422 of Chapter 7 (from the textbook – 15th edition)

Display the records produced by the view **StorePurchaseHistoryView**. To accomplish this, left click on the view name in the object panel. From the query results panel on the right, select the “Data” tab.

IMPORTANT – Ensure that all tables and views and function are visible in the object panel of the Oracle SQL Developer screen

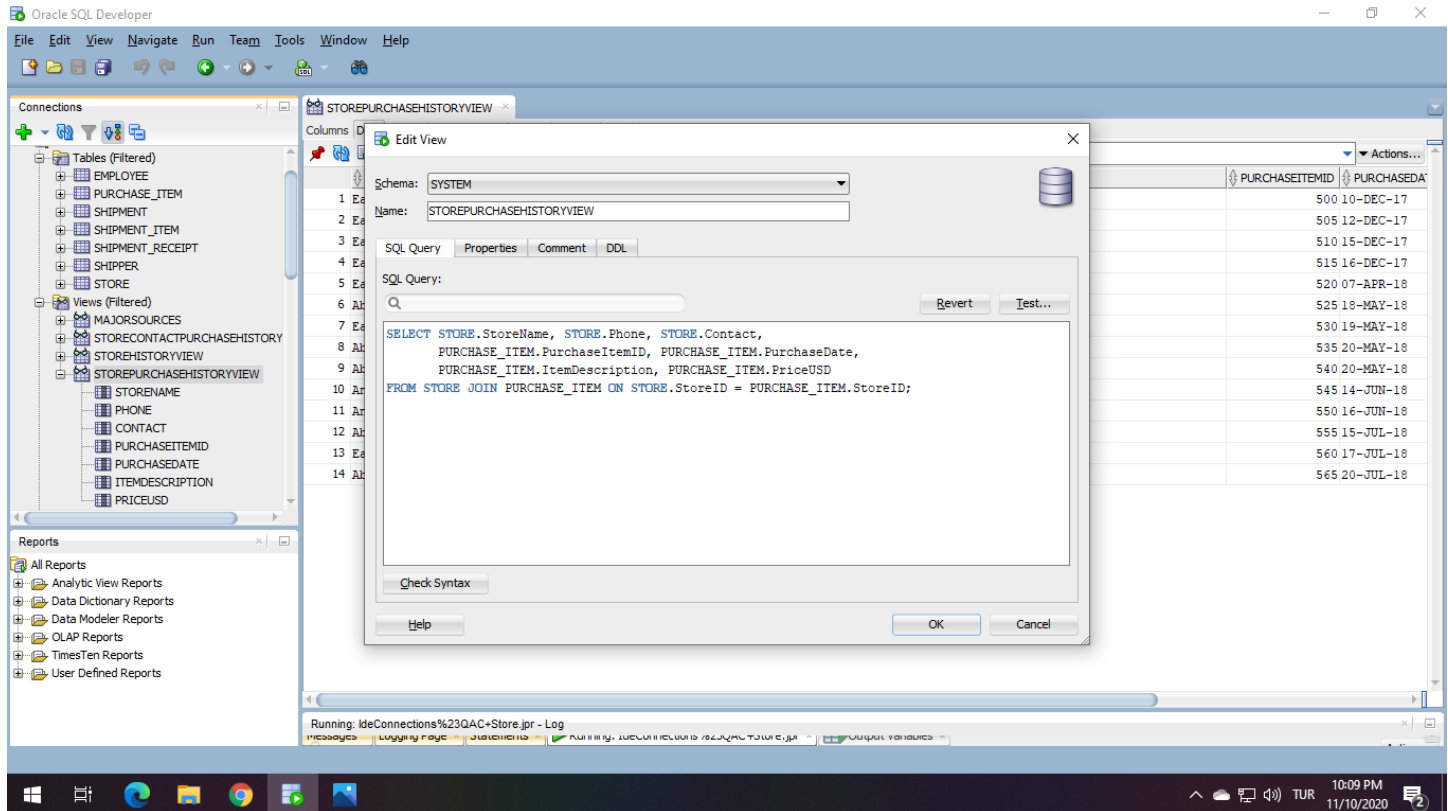
The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' pane shows the 'QAC Store' connection. Under 'Tables (Filtered)', several tables are listed. Under 'Views (Filtered)', the 'STOREPURCHASEHISTORYVIEW' is highlighted. The main window shows the 'STOREPURCHASEHISTORYVIEW' data grid. The 'Data' tab is selected, displaying a list of 14 records. The columns are STORENAME, PHONE, CONTACT, PURCHASEITEMID, and PURCHASEDATE. The records show various store names and their purchase history.

	STORENAME	PHONE	CONTACT	PURCHASEITEMID	PURCHASEDATE
1	Eastern Treasures	63-2-654-2344	Gracielle	500	10-DEC-17
2	Eastern Treasures	63-2-654-2344	Gracielle	505	12-DEC-17
3	Eastern Sales	852-876-5677	Sam	510	15-DEC-17
4	Eastern Sales	852-876-5677	Sam	515	16-DEC-17
5	Eastern Treasures	63-2-654-2344	Gracielle	520	07-APR-18
6	Abdullah Ilgun	65-543-3455	Swee Lai	525	18-MAY-18
7	Eastern Sales	65-543-1233	Jeremy	530	19-MAY-18
8	Abdullah Ilgun	65-543-3455	Swee Lai	535	20-MAY-18
9	Abdullah Ilgun	65-543-3455	Swee Lai	540	20-MAY-18
10	Andes Treasures	51-14-765-4566	Juan Carlos	545	14-JUN-18
11	Andes Treasures	51-14-765-4566	Juan Carlos	550	16-JUN-18
12	Abdullah Ilgun	65-543-3455	Swee Lai	555	15-JUL-18
13	Eastern Sales	65-543-1233	Jeremy	560	17-JUL-18
14	Abdullah Ilgun	65-543-3455	Swee Lai	565	20-JUL-18

Screen Shot #2B: Displaying the view SQL coding

Question P on page 422 of Chapter 7 (from the textbook – 15th edition)

Display the SQL coding, through the View GUI dialog box, of the view **StorePurchaseHistoryView**. To accomplish this, right click on the view name in the object panel and from the pop-up menu, select the Edit option.



Screen Shot #3A: Displaying view results

Question Q on page 422 of Chapter 7 (from the textbook – 15th edition)

Display the records produced by the view **StoreContactPurchaseHistoryView**. To accomplish this, left click on the view name in the object panel. From the query results panel on the right, select the “Data” tab.

IMPORTANT – Ensure that all tables and views and function are visible in the object panel of the Oracle SQL Developer screen

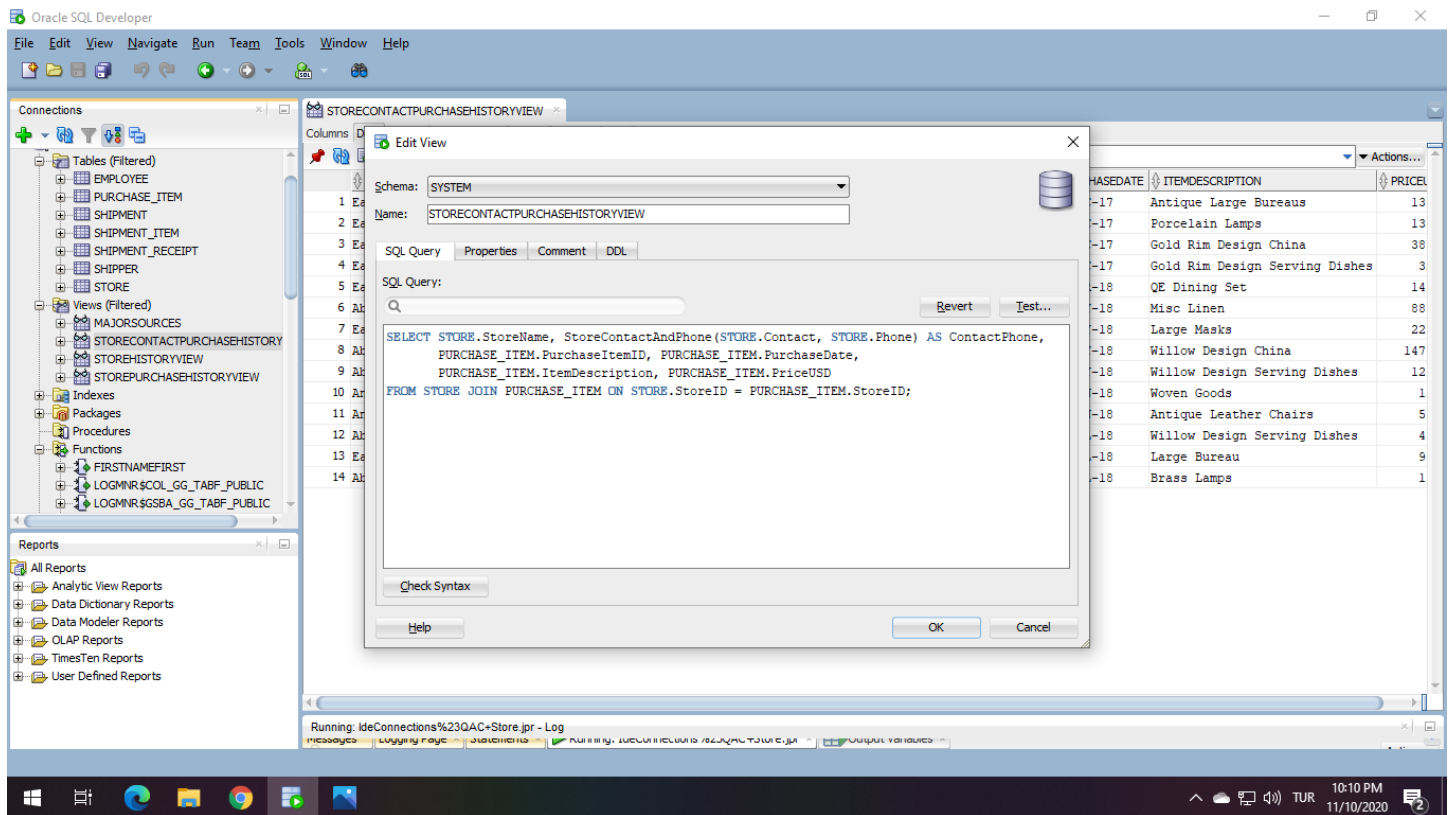
The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' pane shows a tree view of database objects. The 'Views (Filtered)' section is expanded, and 'STORECONTACTPURCHASEHISTORY' is selected. Below this, the 'Reports' pane is visible. The main window shows the 'STORECONTACTPURCHASEHISTORYVIEW' with the 'Data' tab selected. The data is presented in a table with the following columns: STORENAME, CONTACTPHONE, PURCHASEITEMID, PURCHASEDATE, ITEMDESCRIPTION, and PRICE. The table contains 14 rows of data, including entries for 'Eastern Treasures', 'Eastern Sales', 'Abdullah Ilgun', 'Andes Treasures', and 'Abdullah Ilgun'.

STORENAME	CONTACTPHONE	PURCHASEITEMID	PURCHASEDATE	ITEMDESCRIPTION	PRICE
1 Eastern Treasures	Gracielle: 63-2-654-2344	500	10-DEC-17	Antique Large Bureaus	13
2 Eastern Treasures	Gracielle: 63-2-654-2344	505	12-DEC-17	Porcelain Lamps	13
3 Eastern Sales	Sam: 852-876-5677	510	15-DEC-17	Gold Rim Design China	38
4 Eastern Sales	Sam: 852-876-5677	515	16-DEC-17	Gold Rim Design Serving Dishes	3
5 Eastern Treasures	Gracielle: 63-2-654-2344	520	07-APR-18	QE Dining Set	14
6 Abdullah Ilgun	Swee Lai: 65-543-3455	525	18-MAY-18	Misc Linen	88
7 Eastern Sales	Jeremy: 65-543-1233	530	19-MAY-18	Large Masks	22
8 Abdullah Ilgun	Swee Lai: 65-543-3455	535	20-MAY-18	Willow Design China	147
9 Abdullah Ilgun	Swee Lai: 65-543-3455	540	20-MAY-18	Willow Design Serving Dishes	12
10 Andes Treasures	Juan Carlos: 51-14-765-4566	545	14-JUN-18	Woven Goods	1
11 Andes Treasures	Juan Carlos: 51-14-765-4566	550	16-JUN-18	Antique Leather Chairs	5
12 Abdullah Ilgun	Swee Lai: 65-543-3455	555	15-JUL-18	Willow Design Serving Dishes	4
13 Eastern Sales	Jeremy: 65-543-1233	560	17-JUL-18	Large Bureau	9
14 Abdullah Ilgun	Swee Lai: 65-543-3455	565	20-JUL-18	Brass Lamps	1

Screen Shot #3B: Displaying the view SQL coding Question Q on page 422 of Chapter 7 (from the textbook – 15th edition)

Display the SQL coding, through the View GUI dialog box. of the view **StoreContactPurchaseHistoryView**. To accomplish this, right click on the view name in the object panel and from the pop-up menu, select the Edit option.

IMPORTANT – Ensure that all tables and views and function are visible in the object panel of the Oracle SQL Developer screen



Screen Shot #4A: Displaying view results

Question R on page 422 of Chapter 7 (from the textbook – 15th edition)

Display the records produced by the view **StoreHistoryView**. To accomplish this, left click on the view name in the object panel. From the query results panel on the right, select the “Data” tab.

NOTE: This view uses records from a pre-existing view (i.e. StorePurchaseHistoryView)

IMPORTANT – Ensure that all tables and views and function are visible in the object panel of the Oracle SQL Developer screen

The screenshot displays the Oracle SQL Developer interface. On the left, the 'Connections' tree shows the 'Tables (Filtered)' and 'Views (Filtered)' sections. The 'Views (Filtered)' section is expanded, and 'STOREHISTORYVIEW' is selected. Below the tree is the 'Reports' section. The main window shows the 'STOREHISTORYVIEW' data table with the following columns: STORENAME and TOTALPURCHASES. The data is as follows:

STORENAME	TOTALPURCHASES
1 Eastern Treasures	41015
2 Andes Treasures	6575
3 Eastern Sales	73335
4 Abdullah Ilgun	253860

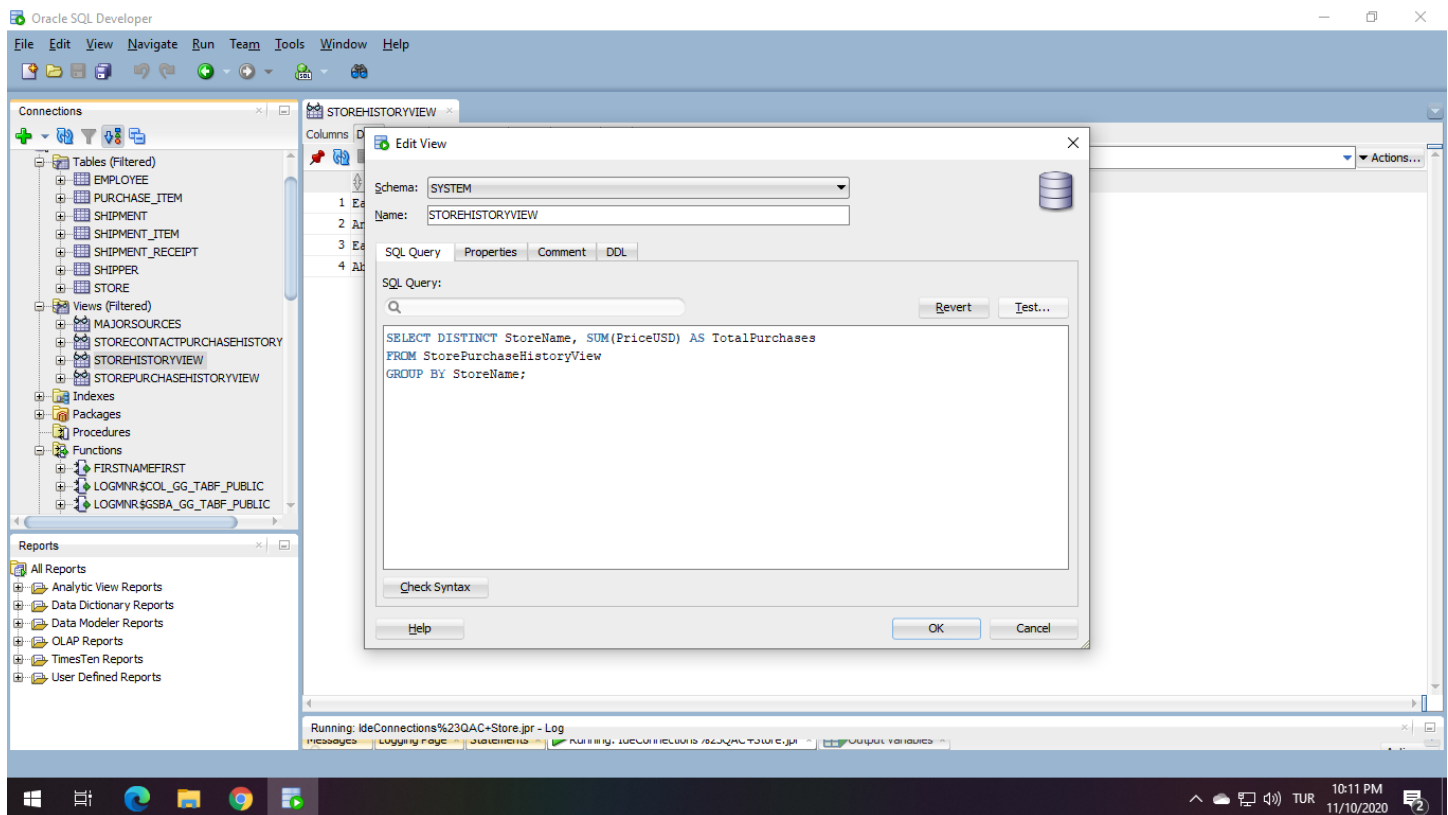
The bottom status bar indicates the connection is 'Running: ldeConnections%23QAC+Store.jpr - Log' and the date is 11/10/2020.

Screen Shot #4B: Displaying the view SQL coding Question R on page 422 of Chapter 7 (from the textbook – 15th edition)

Display the SQL coding, through the View GUI dialog box, of the view **StoreHistoryView**. To accomplish this, right click on the view name in the object panel and from the pop-up menu, select the Edit option.

NOTE: This view uses records from a pre-existing view (i.e. StorePurchaseHistoryView)

IMPORTANT – Ensure that all tables and views and function are visible in the object panel of the Oracle SQL Developer screen



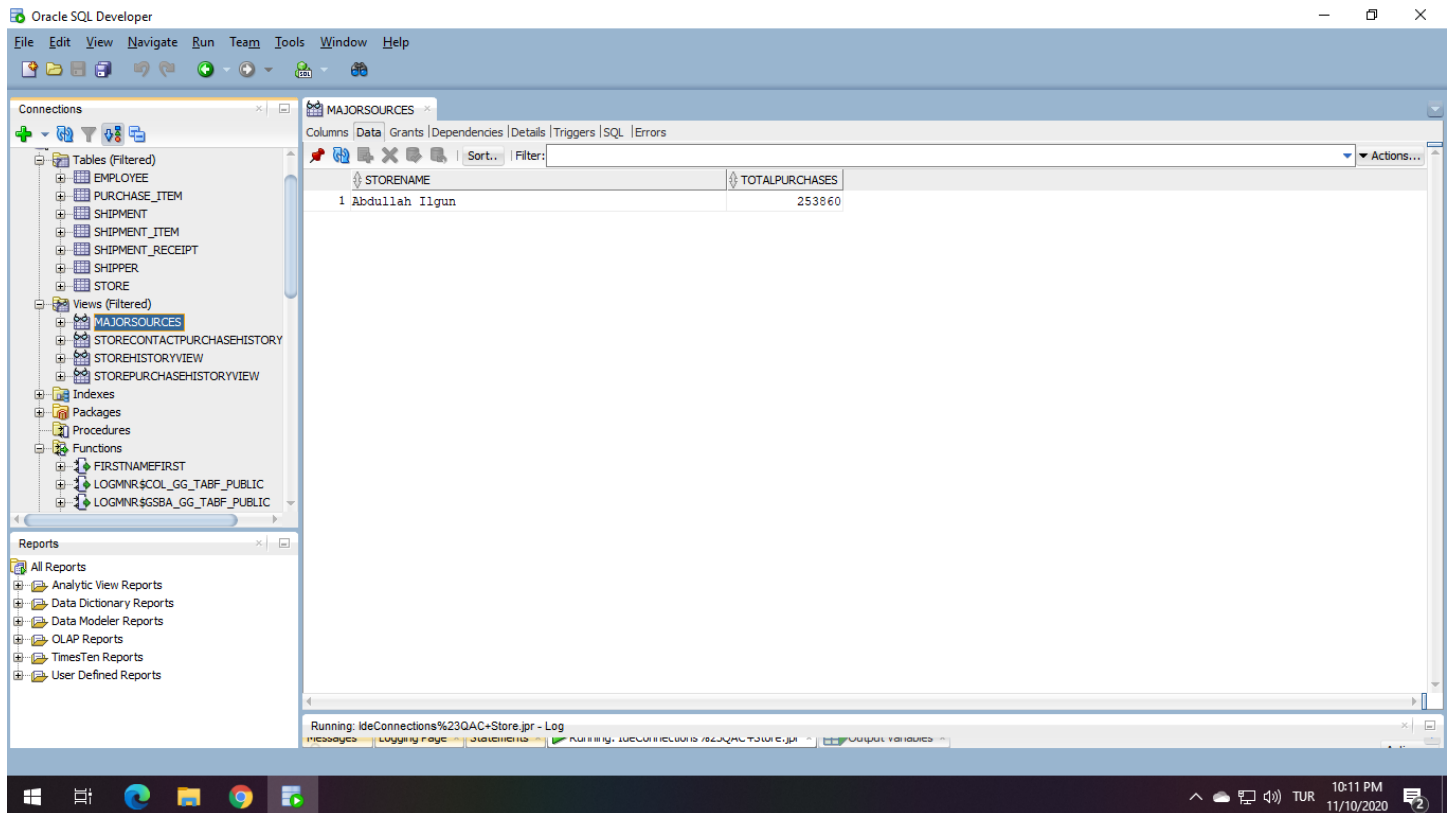
Screen Shot #5A: Displaying view results

Question S on page 422 of Chapter 7 (from the textbook – 15th edition)

Display the records produced by the view **MajorSources**. To accomplish this, left click on the view name in the object panel. From the query results panel on the right, select the “Data” tab.

NOTE: This view uses records from a pre-existing view (i.e. StoreHistoryView)

IMPORTANT – Ensure that all tables and views and function are visible in the object panel of the Oracle SQL Developer screen



Screen Shot #5B: Displaying the view SQL coding Question S on page 422 of Chapter 7 (from the textbook – 15th edition)

Display the SQL coding, through the View GUI dialog box, of the view **MajorSources**. To accomplish this, right click on the view name in the object panel and from the pop-up menu, select the Edit option.

NOTE: This view uses records from a pre-existing view (i.e. StoreHistoryView)

IMPORTANT – Ensure that all tables and views and function are visible in the object panel of the Oracle SQL Developer screen

