

PART A:

1)

CREATE TABLE INSTRUCTOR (

ins_id INT PRIMARY KEY,

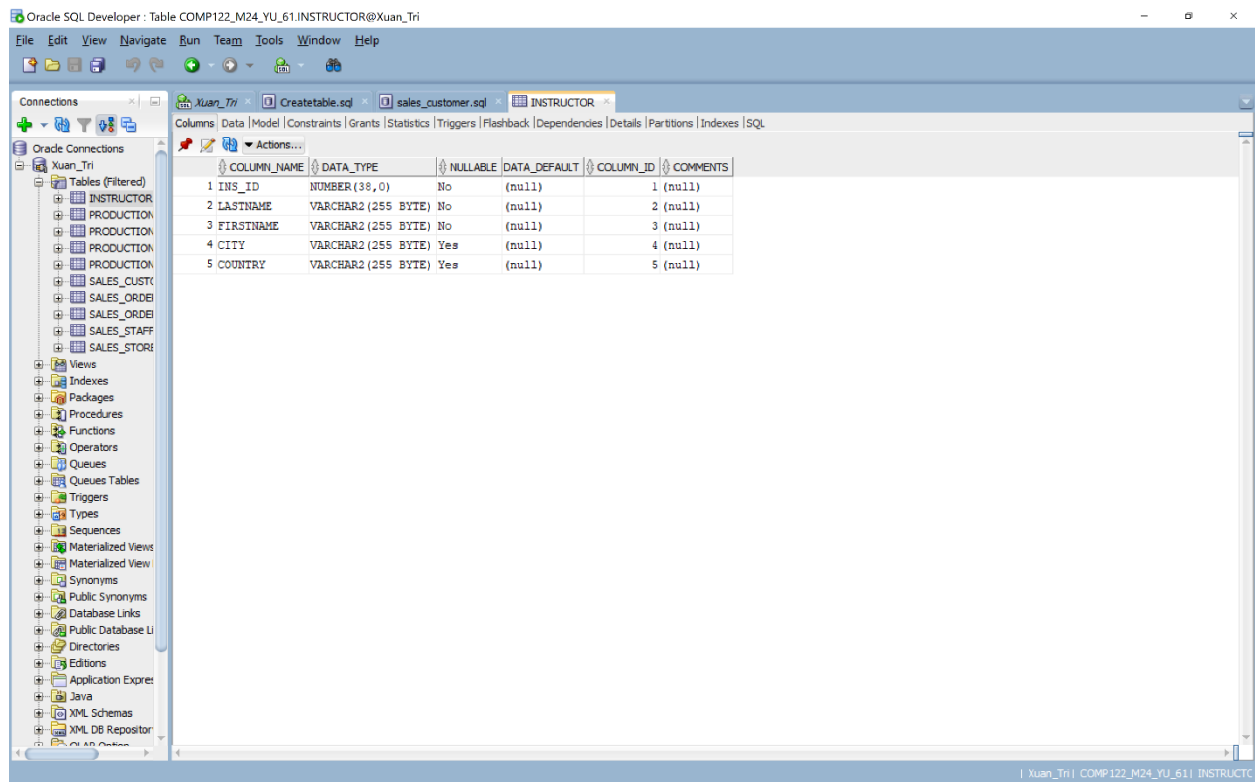
lastname VARCHAR(255) NOT NULL,

firstname VARCHAR(255) NOT NULL,

city VARCHAR(255),

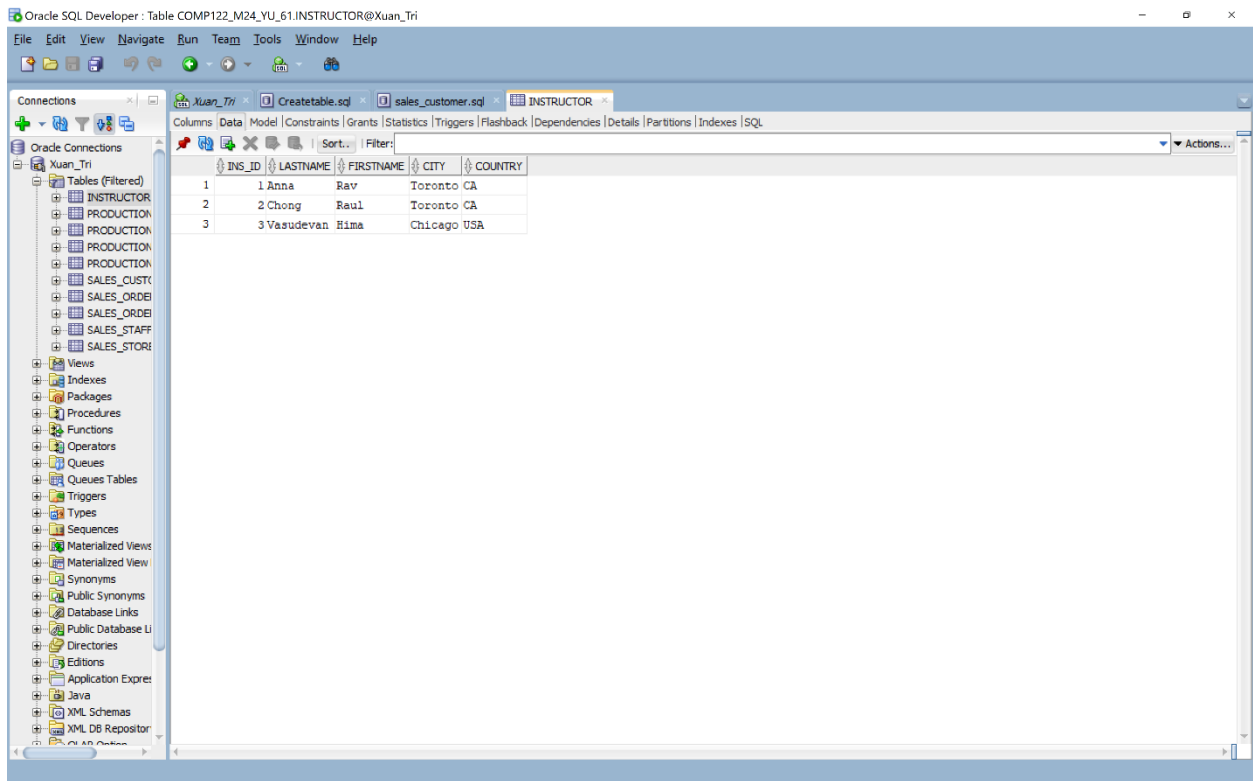
country VARCHAR(255)

);



2)

```
INSERT INTO INSTRUCTOR(ins_id,lastname,firstname,city,country) VALUES(1,'Anna','Rav','Toronto','CA');
```



3)

```
INSERT INTO INSTRUCTOR (ins_id, lastname, firstname, city, country)
```

```
VALUES (2, 'Chong', 'Raul', 'Toronto', 'CA'),
```

```
(3, 'Vasudevan', 'Hima', 'Chicago', 'USA');
```

Oracle SQL Developer : Table COMP122_M24_YU_61.INSTRUCTOR@Xuan_Tri

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Connections Xuan_Tri Createtable.sql sales_customer.sql INSTRUCTOR

Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL

Sort: Filter: Actions...

INS_ID	LASTNAME	FIRSTNAME	CITY	COUNTRY
1	Anna	Rav	Toronto	CA
2	Chong	Raul	Toronto	CA
3	Vasudevan	Hima	Chicago	USA

Oracle Connections

Xuan_Tri

- Tables (Filtered)
 - INSTRUCTOR
 - PRODUCTION
 - PRODUCTION
 - PRODUCTION
 - PRODUCTION
 - SALES_CUSTC
 - SALES_ORDE
 - SALES_ORDE
 - SALES_STAFF
 - SALES_STORE
- Views
- Indexes
- Packages
- Procedures
- Functions
- Operators
- Queues
- Queues Tables
- Triggers
- Types
- Sequences
- Materialized Views
- Materialized View
- Synonyms
- Public Synonyms
- Database Links
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- Directories
- Editions
- Application Expre
- Java
- XML Schemas
- XML DB Repositor

4)

UPDATE INSTRUCTOR

SET city='Markham'

WHERE lastname='Anna';

Oracle SQL Developer : Table COMP122_M24_YU_61.INSTRUCTOR@Xuan_Tri

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Connections Xuan_Tri Createtable.sql sales_customer.sql INSTRUCTOR

Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL

Oracle Connections

Xuan_Tri

Tables (Filtered)

- INSTRUCTOR
- PRODUCTION
- PRODUCTION
- PRODUCTION
- PRODUCTION
- SALES_CUSTC
- SALES_ORDE
- SALES_ORDE
- SALES_STAFF
- SALES_STORE

Views

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Packages

Procedures

Functions

Operators

Queues

Queues Tables

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Materialized View

Synonyms

Public Synonyms

Database Links

Public Database Li

Directories

Editions

Application Expre

Java

XML Schemas

XML DB Repositor

INS_ID	LASTNAME	FIRSTNAME	CITY	COUNTRY
1	Anna	Rav	Markham	CA
2	Chong	Raul	Toronto	CA
3	Vasudevan	Hima	Chicago	USA

5)

DELETE FROM INSTRUCTOR

WHERE ins_id=2;

Oracle SQL Developer: Table COMP122_M24_YU_61.INSTRUCTOR@Xuan_Tri

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Connections Xuan_Tri Createtable.sql sales_customer.sql INSTRUCTOR

Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL

INS_ID LASTNAME FIRSTNAME CITY COUNTRY

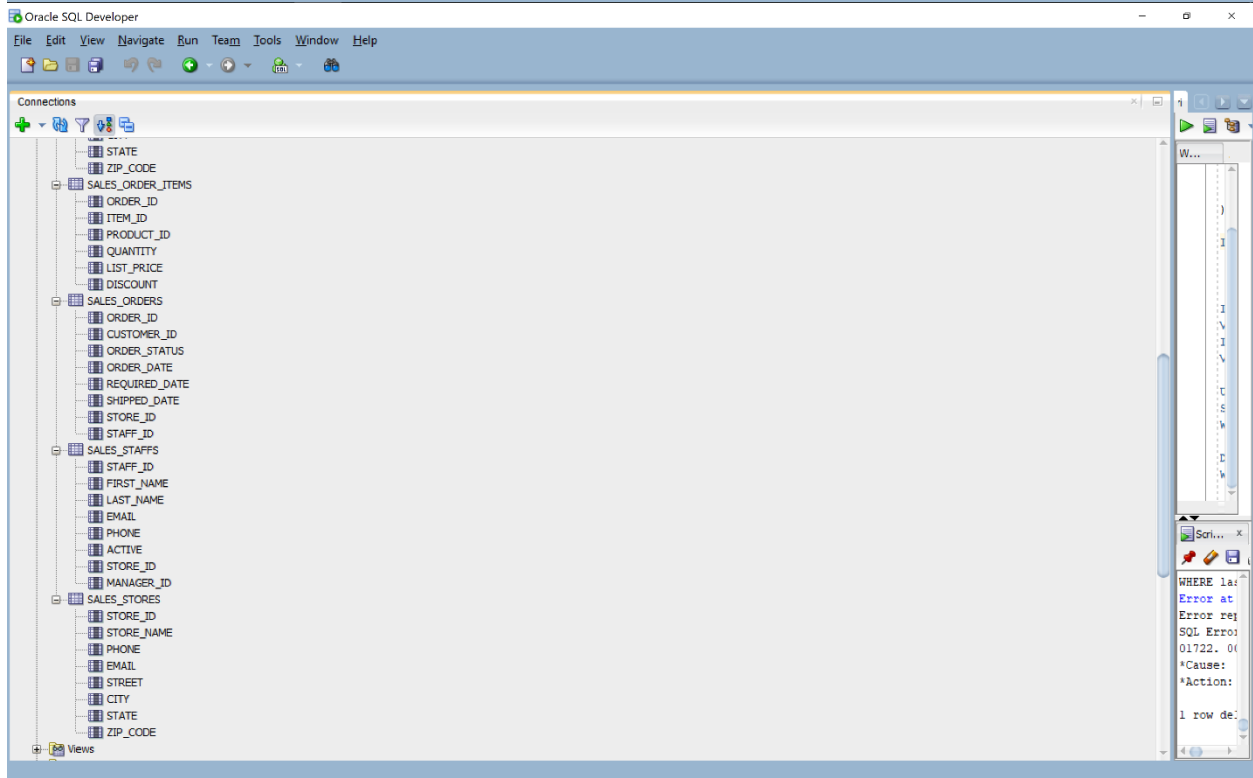
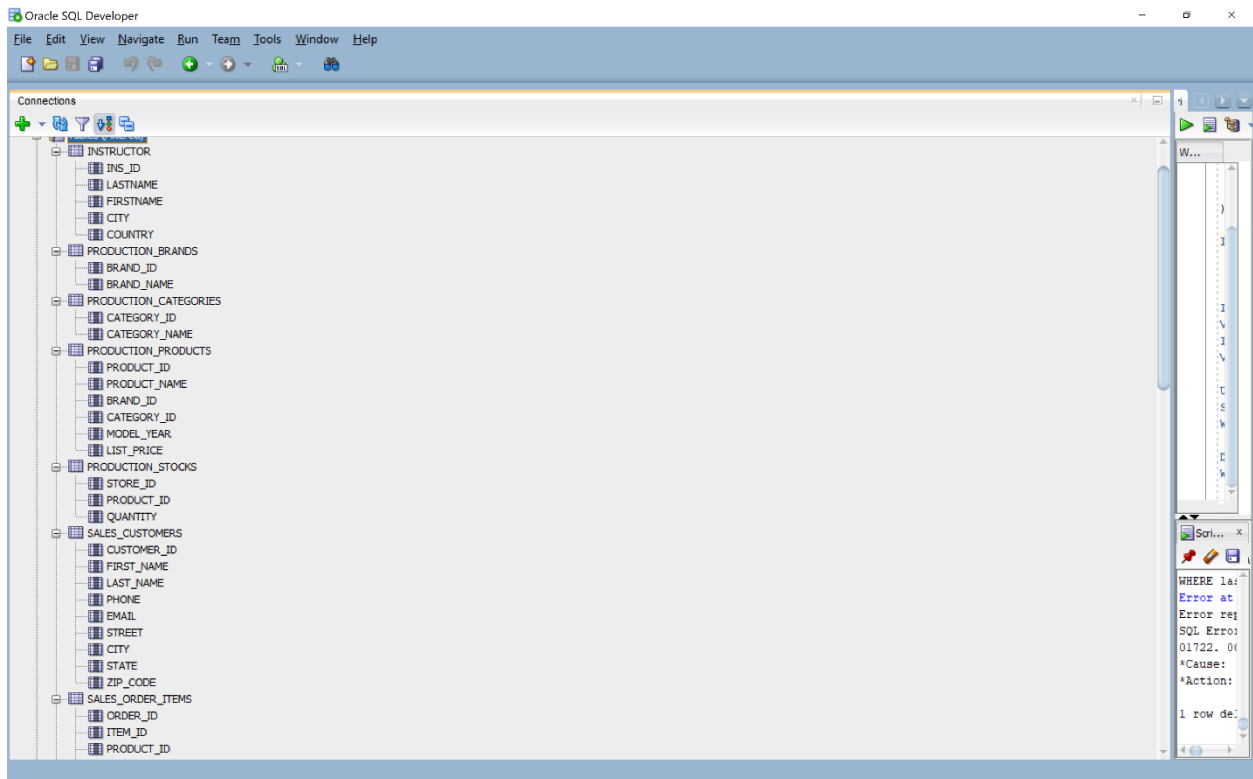
1	1 Anna	Rav	Markham	CA
2	3 Vasudevan	Hima	Chicago	USA

Oracle Connections

- Xuan_Tri
 - Tables (Filtered)
 - INSTRUCTOR
 - PRODUCTION
 - PRODUCTION
 - PRODUCTION
 - PRODUCTION
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PART B:

1)



3)

SELECT (FIRST_NAME || ' ' || LAST_NAME) AS NAME FROM sales_customers WHERE state = 'NY' and phone IS NOT NULL;

The screenshot shows the Oracle SQL Developer interface. The left pane displays the 'Connections' tree with 'Xuan_Tri' selected. The main workspace shows a SQL query in the 'Worksheet' tab: `SELECT (FIRST_NAME || ' ' || LAST_NAME) AS NAME FROM sales_customers WHERE state = 'NY' and phone IS NOT NULL;`. The 'Script Output' and 'Query Result' tabs are visible. The 'Query Result' tab shows a table with one column, 'NAME', and 23 rows of data. The status bar at the bottom indicates 'Line 1 Column 110' and 'Modified | Windows: C'.

NAME
1 Rubin Decker
2 Dortha Jarvis
3 Monty Frost
4 Aron Wiggins
5 Sharie Alvarez
6 Trisha Johnson
7 Mi Gray
8 Latasha Hays
9 Robby Sykes
10 Emmitt Sanchez
11 Theo Reese
12 Janetta Aguirre
13 Saral McKeen
14 Corrina Sawyer
15 Wes Stanton
16 Brianna Moss
17 Genoveva Tyler
18 Toya Pratt
19 Marni Bolton
20 Priscilla Wilkins
21 Buford Bridges
22 Darcie Morgan
23 Whitney Estes

4)

```
SELECT (sales_customers.FIRST_NAME || ' ' || sales_customers.LAST_NAME) AS NAME
```

```
FROM sales_customers
```

```
INNER JOIN sales_orders ON sales_customers.customer_id = sales_orders.customer_id
```

```
INNER JOIN sales_stores ON sales_orders.store_id = sales_stores.store_id
```

```
WHERE sales_stores.store_id IN (1,2);
```

The screenshot shows the Oracle SQL Developer interface. The 'Connections' pane on the left lists the 'Xuan_Tri' connection. The 'Worksheet' pane displays the following SQL query:

```
SELECT (sales_customers.FIRST_NAME || ' ' || sales_customers.LAST_NAME) AS NAME
FROM sales_customers
INNER JOIN sales_orders ON sales_customers.customer_id = sales_orders.customer_id
INNER JOIN sales_stores ON sales_orders.store_id = sales_stores.store_id
WHERE sales_stores.store_id IN (1,2);
```

The 'Query Result' pane shows the output of the query, which is a list of names. The results are displayed in two sections, each with a header 'NAME' and a dashed line separator.

NAME
Dionne Norris
Muriel Juarez
Magda Eaton
Kasie Rodriguez
Eleni Gordon
Maurice Norton
Cristobal Hutchinson
Flossie Holder
Erma Salinas
Earl Stanley
Maribel William

NAME
Johnathan Velazquez
Rodrick Shelton
Ferne Kline
Rubin Decker
Dortha Jarvis
Mariela Huffman
Mellisa Farley

The status bar at the bottom indicates 'Task completed in 0.766 seconds' and 'Line 6 Column 1 | Insert | Modified | Windows: C'.

5)

SELECT item_id, product_name

FROM sales_order_items

INNER JOIN production_products ON sales_order_items.product_id = production_products.product_id

WHERE discount > 0.05;

The screenshot shows the Oracle SQL Developer interface. The 'Query Builder' tab is active, displaying the following SQL query:

```
SELECT item_id, product_name
FROM sales_order_items
INNER JOIN production_products ON sales_order_items.product_id = production_products.product_id
WHERE discount > 0.05;
```

The 'Script Output' tab shows the execution results, which are displayed in two tables. The first table has columns 'ITEM_ID' and 'PRODUCT_NAME' and contains 10 rows of data. The second table also has columns 'ITEM_ID' and 'PRODUCT_NAME' and contains 5 rows of data.

ITEM_ID	PRODUCT_NAME
3	Ritchey Timberwolf Frameset - 2016
2	Trek Slash 8 27.5 - 2016
3	Electra Townie Original 7D EQ - Women's - 2016
1	Surly Straggler - 2016
2	Surly Ice Cream Truck Frameset - 2016
3	Surly Wednesday Frameset - 2016
1	Surly Straggler - 2016
2	Electra Girl's Hawaii 1 (16-inch); - 2015/2016
1	Trek Slash 8 27.5 - 2016
2	Pure Cycles Western 3-Speed - Women's - 2015/2016

ITEM_ID	PRODUCT_NAME
1	Trek Slash 8 27.5 - 2016
2	Electra Girl's Hawaii 1 (16-inch); - 2015/2016
3	Heller Shagawaw Frame - 2016
4	Trek Remedy 29 Carbon Frameset - 2016
2	Heller Shagawaw Frame - 2016