



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

FACULTY OF COMPUTING
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SECD2523
SECTION 10

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PROJECT TITLE:
SQL LAB3
(DML2)
PART1

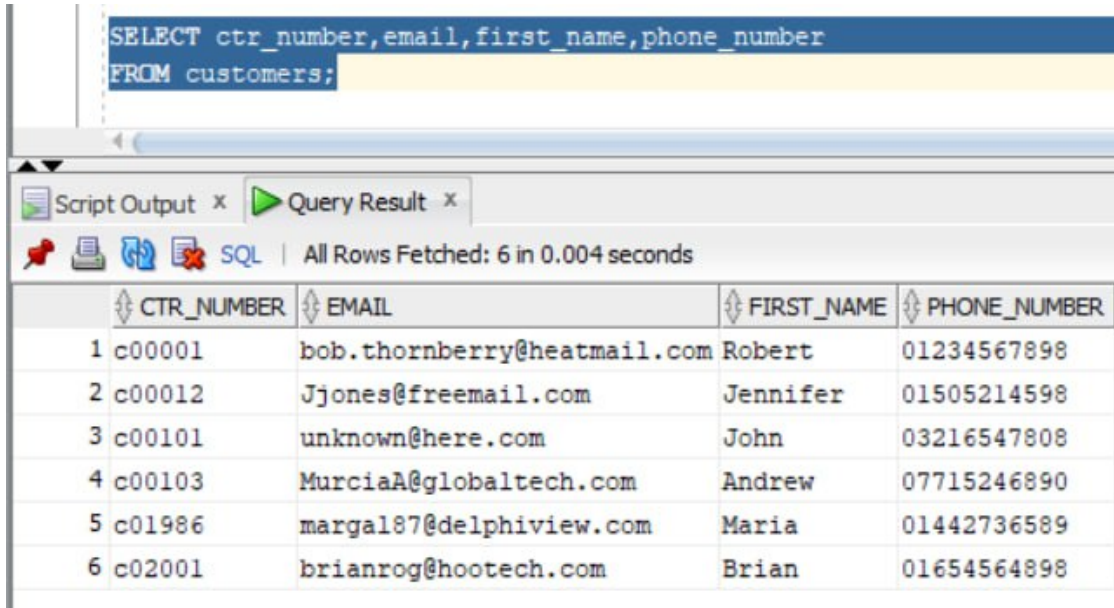
NAME	MATRIC NUMBER
NADIA SYAHADAH BINTI SAHARUDIN	A22EC0225

Part 1: Retrieving all columns from a table.

Using the SELECT * statement show all data stored in the following tables:

1. customers.

SELECT *
FROM customers;



The screenshot shows a SQL query window with the following text:

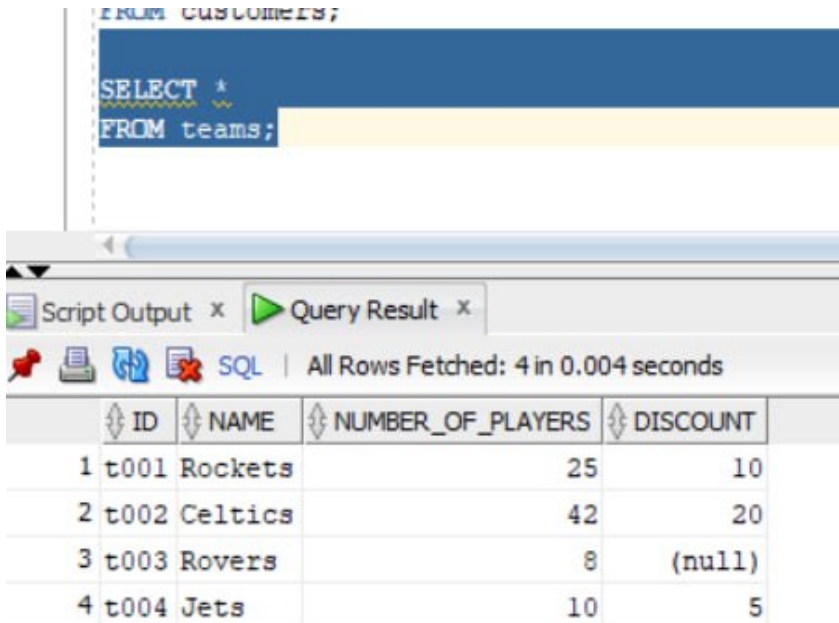
```
SELECT ctr_number,email,first_name,phone_number
FROM customers;
```

Below the query window, the 'Query Result' tab is active, displaying the following data:

	CTR_NUMBER	EMAIL	FIRST_NAME	PHONE_NUMBER
1	c00001	bob.thornberry@heatmail.com	Robert	01234567898
2	c00012	Jjones@freemail.com	Jennifer	01505214598
3	c00101	unknown@here.com	John	03216547808
4	c00103	MurciaA@globaltech.com	Andrew	07715246890
5	c01986	margal87@delphiview.com	Maria	01442736589
6	c02001	brianrog@hootech.com	Brian	01654564898

2. teams.

SELECT *
FROM teams;



The screenshot shows a SQL query window with the following text:

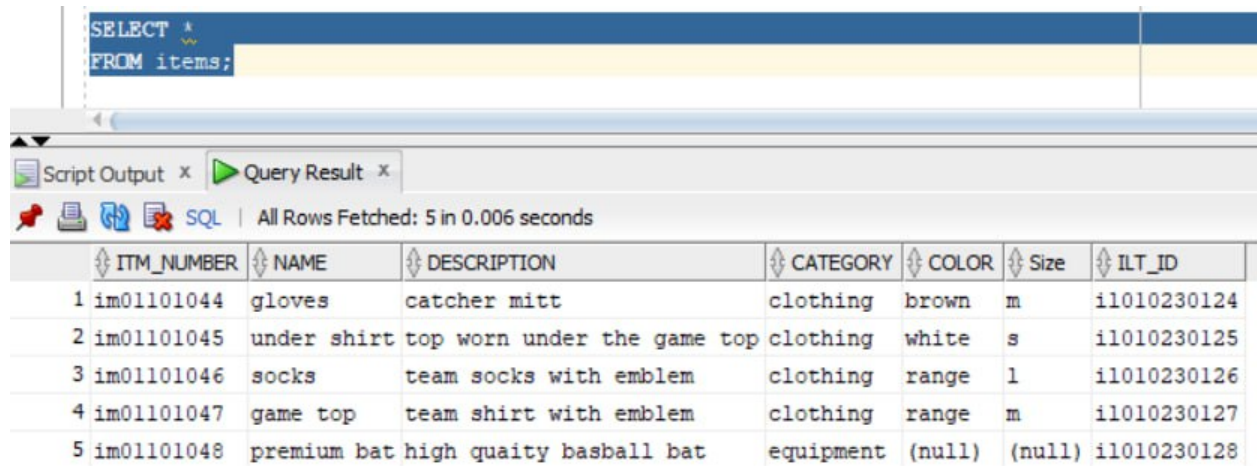
```
SELECT *
FROM teams;
```

Below the query window, the 'Query Result' tab is active, displaying the following data:

	ID	NAME	NUMBER_OF_PLAYERS	DISCOUNT
1	t001	Rockets	25	10
2	t002	Celtics	42	20
3	t003	Rovers	8	(null)
4	t004	Jets	10	5

3. items

```
SELECT *  
FROM items;
```



```
SELECT *  
FROM items;
```

Script Output x Query Result x

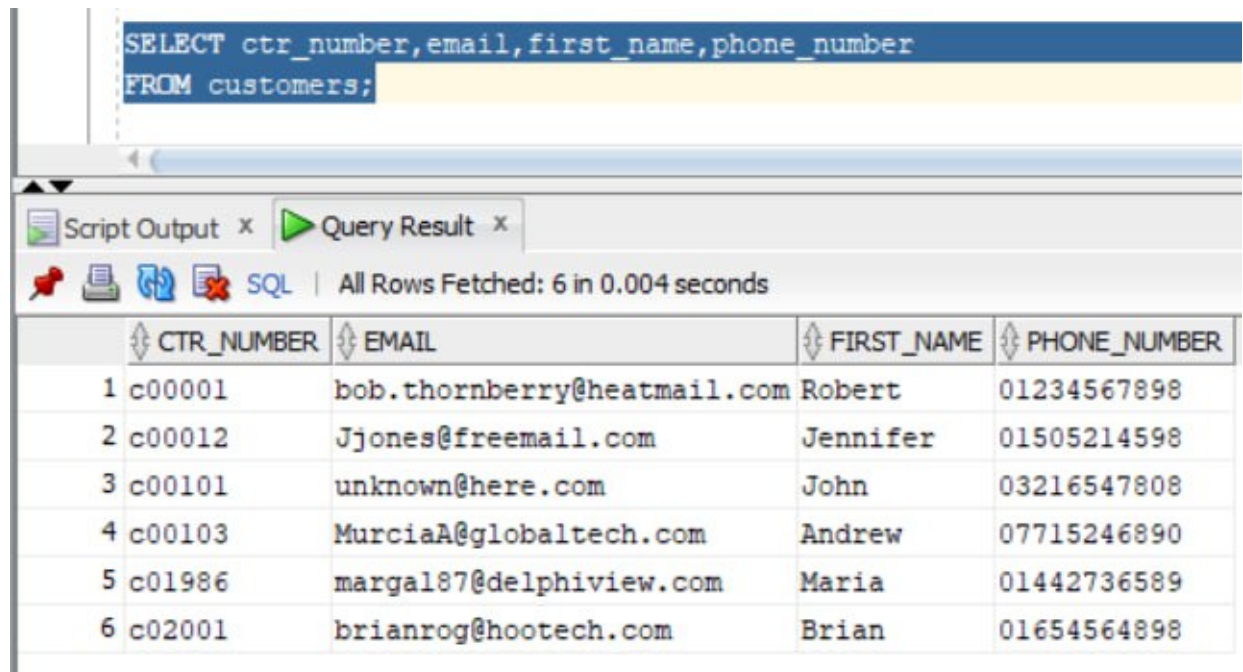
SQL | All Rows Fetched: 5 in 0.006 seconds

	ITM_NUMBER	NAME	DESCRIPTION	CATEGORY	COLOR	Size	ILT_ID
1	im01101044	gloves	catcher mitt	clothing	brown	m	i1010230124
2	im01101045	under shirt	top worn under the game top	clothing	white	s	i1010230125
3	im01101046	socks	team socks with emblem	clothing	range	l	i1010230126
4	im01101047	game top	team shirt with emblem	clothing	range	m	i1010230127
5	im01101048	premium bat	high quaity baseball bat	equipment	(null)	(null)	i1010230128

Part 2: Selecting Specific Columns

1. Display the customer number, first name, last name, email and phone number of the customers.

```
SELECT ctr_number,email,first_name,phone_number  
FROM customers;
```



```
SELECT ctr_number,email,first_name,phone_number  
FROM customers;
```

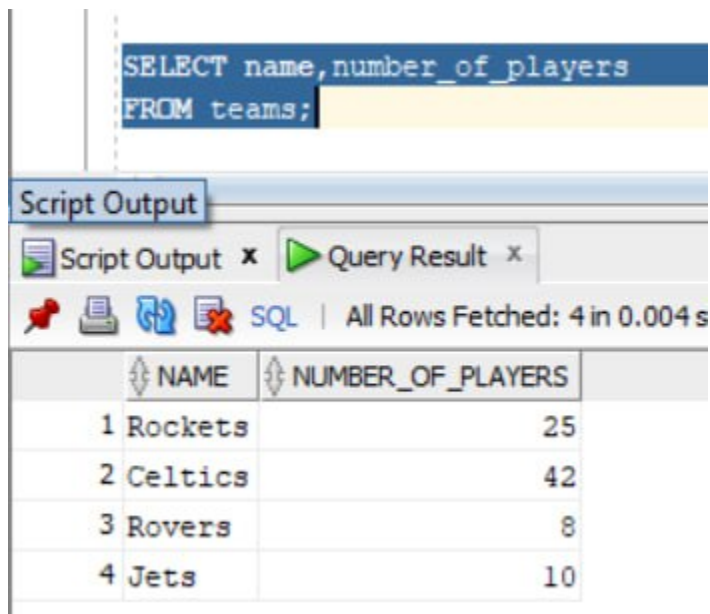
Script Output x Query Result x

SQL | All Rows Fetched: 6 in 0.004 seconds

	CTR_NUMBER	EMAIL	FIRST_NAME	PHONE_NUMBER
1	c00001	bob.thornberry@heatmail.com	Robert	01234567898
2	c00012	Jjones@freemail.com	Jennifer	01505214598
3	c00101	unknown@here.com	John	03216547808
4	c00103	MurciaA@globaltech.com	Andrew	07715246890
5	c01986	margal87@delphiview.com	Maria	01442736589
6	c02001	brianrog@hootech.com	Brian	01654564898

2. Display the name and number of players for each team.

```
SELECT name,number_of_players  
FROM teams;
```

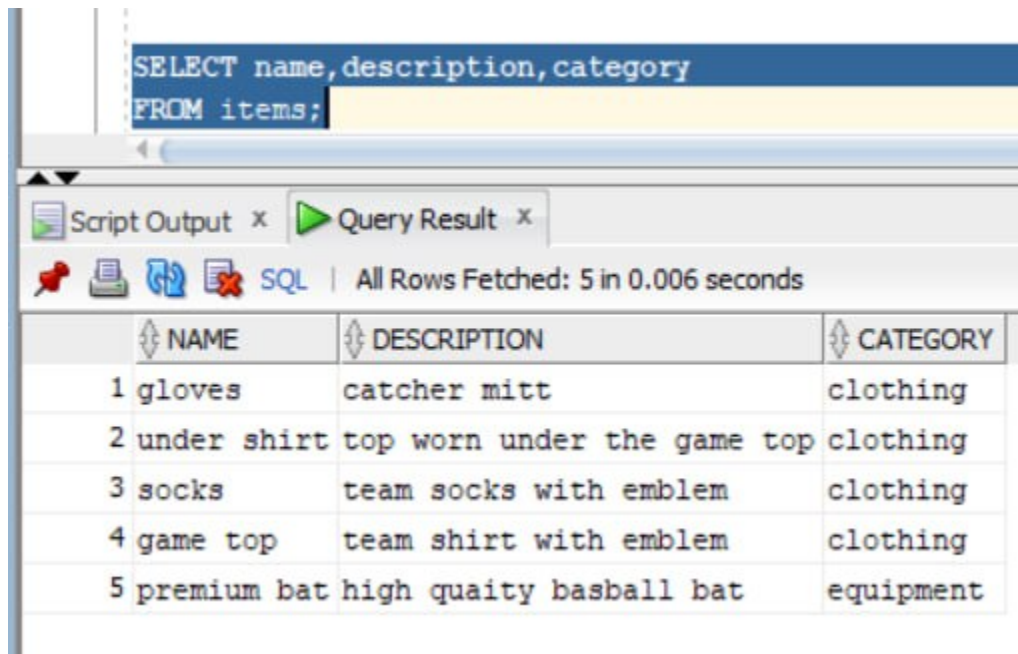


The screenshot shows a SQL query execution window. The query is: `SELECT name,number_of_players FROM teams;`. The results are displayed in a table with two columns: NAME and NUMBER_OF_PLAYERS. The data is as follows:

	NAME	NUMBER_OF_PLAYERS
1	Rockets	25
2	Celtics	42
3	Rovers	8
4	Jets	10

3. Display the name, description and category for every item in the table

```
SELECT name,description,category  
FROM items;
```



The screenshot shows a SQL query execution window. The query is: `SELECT name,description,category FROM items;`. The results are displayed in a table with three columns: NAME, DESCRIPTION, and CATEGORY. The data is as follows:

	NAME	DESCRIPTION	CATEGORY
1	gloves	catcher mitt	clothing
2	under shirt	top worn under the game top	clothing
3	socks	team socks with emblem	clothing
4	game top	team shirt with emblem	clothing
5	premium bat	high quaity baseball bat	equipment