



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SESSION 2023/20204 SEMESTER 1

SECD2523
DATABASE

LAB EXERCISE: SQL DML 2 PART 2

LECTURER NAME:
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SECTION:
10

NAME:
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MATRIC NO:
A22EC0196

PART 1:

1.

```
1 SELECT *
2 FROM customers
3 WHERE ctr_number = 'c01986'
```

Results

ExplainDescribeSaved SQLHistory

CTR_NUMBER	EMAIL	FIRST_NAME	LAST_NAME	PHONE_NUMBER	CURRENT_BALANCE	SRE_ID	TEM_ID	LOYALTY_CARD_NUMBER
c01986	margal87@delphiview.com	Maria	Galant	01442736589	125.65	sr03	t003	-

1 rows returned in 0.03 secondsDownload

2.

```
1 SELECT first_name, last_name, ctr_number
2 FROM customers
3 WHERE current_balance > 100
```

FIRST_NAME	LAST_NAME	CTR_NUMBER
Robert	Thornberry	c00001
John	Doe	c00101
Maria	Galant	c01986

3 rows returned in 0.03 seconds [Download](#)

3.

```
1 SELECT id AS "Order ID",
2       odr_date AS "Order Date",
3       odr_time AS "Order Time"
4 FROM orders
5 WHERE odr_date < TO_DATE ('2019-05-28', 'yyyy-mm-dd')
```

Order ID	Order Date	Order Time
or0101250	04/17/2017	04/17/2017
or0101350	05/24/2017	05/24/2017
or0101425	05/28/2017	05/28/2017
or0101681	06/02/2017	06/02/2017
or0101750	06/18/2017	06/18/2017

5 rows returned in 0.03 seconds [Download](#)

PART 2:

1.

```
1 SELECT
2     id AS "Inventory ID",
3     cost AS "Cost",
4     units AS "Number of Units"
5 FROM inventory_list
6 WHERE cost BETWEEN 3.00 AND 15.00;
7
```

Inventory ID	Cost	Number of Units
il010230125	799	250
il010230126	5.24	87

2 rows returned in 0.04 seconds [Download](#)

PART 3:

1.

1SELECT

2id AS "Inventory ID",

3cost AS "Cost",

4units AS "Number of Units"

5FROM inventory_list

6WHERE units IN ('50', '100', '150', '200')

Results

Explain

Describe

Saved SQL

History

Inventory ID	Cost	Number of Units
ii010230124	25	100

1 rows returned in 0.01 secondsDownload

PART 4:

1.

1SELECT

2id AS "Inventory ID",

3cost AS "Cost",

4units AS "Number of Units"

5FROM inventory_list

6WHERE units NOT IN ('50', '100', '150', '200')

Results

Explain

Describe

Saved SQL

History

Inventory ID	Cost	Number of Units
ii010230125	799	250
ii010230126	5.24	87
ii010230127	18.95	65
ii010230128	97.46	8

4 rows returned in 0.03 secondsDownload

PART 5:

1.

1SELECT

2item_number AS "Item Number",

3name AS "Item Name"

4FROM items

5WHERE name LIKE 'g%';

Results

Explain

Describe

Saved SQL

History

Item Number	Item Name
im010101044	gloves
im010101047	game top

2 rows returned in 0.02 secondsDownload

PART 6:

1.

1SELECT

2item_number AS "Item Number",

3name AS "Item Name"

4FROM items

5WHERE name LIKE '%o%';

Results

Explain

Describe

Saved SQL

History

Item Number	Item Name
im010101044	gloves
im010101046	socks
im010101047	game top

3 rows returned in 0.01 secondsDownload