



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

SESSION 2023/20204 SEMESTER 1

SECD2523
DATABASE

LAB EXERCISE: SQL DML 2 PART 3

LECTURER NAME:
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SECTION:
10

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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.

```
1 SELECT
2   id AS "Inventory ID",
3   cost AS "Cost",
4   units AS "Number of Units"
5 FROM inventory_list
6 WHERE units IN ('50', '100', '150', '200')
```

Inventory ID	Cost	Number of Units
ii010230124	25	100

1 rows returned in 0.01 seconds [Download](#)

PART 4:

1.

```
1 SELECT
2   id AS "Inventory ID",
3   cost AS "Cost",
4   units AS "Number of Units"
5 FROM inventory_list
6 WHERE units NOT IN ('50', '100', '150', '200')
```

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 seconds [Download](#)

PART 5:

1.

```
1 SELECT
2   itm_number AS "Item Number",
3   name AS "Item Name"
4 FROM items
5 WHERE name LIKE 'g%';
```

Item Number	Item Name
im010101044	gloves
im010101047	game top

2 rows returned in 0.02 seconds [Download](#)

PART 6:

1.

```
1 SELECT
2   itm_number AS "Item Number",
3   name AS "Item Name"
4 FROM items
5 WHERE name LIKE '%o%';
```

Item Number	Item Name
im010101044	gloves
im010101046	socks
im010101047	game top

3 rows returned in 0.01 seconds [Download](#)