



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

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PART 1:

1.

[illegible]

2.

```
1 SELECT first_name, last_name, ctr_number, current_balance,
2    current_balance - 5.00 AS adjusted_balance
3 FROM customers
```

Results Explain Describe Saved SQL History

FIRST_NAME	LAST_NAME	CTR_NUMBER	CURRENT_BALANCE	ADJUSTED_BALANCE
Robert	Thornberry	c00001	150	145
Jennifer	Jones	c00012	0	-5
John	Doe	c00101	987.5	982.5
Andrew	Murcia	c00103	85	80
Maria	Galant	c01986	125.65	120.65
Brian	Rogers	c02001	50	45

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

3. The gift card did not take into account the customers current balance as for example if the customer has current balance less than 5.00, the adjusted balance will be negative value.

PART 2:

1.

[illegible]

PART 3:

1.

```
1 SELECT 'The ' || name || ' team has ' || number_of_players ||  
2      ' players and receives a discount of ' || discount || ' percent.'  
3 FROM teams
```

Results Explain Describe Saved SQL History

'THE' || NAME || 'TEAMHAS' || NUMBER_OF_PLAYERS || 'PLAYERSANDRECEIVESADISCOUNTOF' || DISCOUNT || 'PERC'

The Rockets team has 25 players and receives a discount of 10 percent.
The Celtics team has 42 players and receives a discount of 20 percent.
The Rovers team has 8 players and receives a discount of percent.
The jets team has 10 players and receives a discount of 5 percent.

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