

Name : DaneSh Muthu Krishnan

Matric Number : B23CS0034

Subject : Database

LAB 3 (SQL 3 - DML 2 Part 1)

Part 1

1. SELECT * FROM customers;

2. SELECT * FROM teams;

3. SELECT * FROM items;

Part 2

1. SELECT customer_number, first_name, last_name, email, phone_number
FROM customers;

2. SELECT name, num-of-players FROM teams;

3. SELECT name, description, category FROM items;

Name : Dhanesh Muthu Krisnan

Matric Number : B23CS0034

CIAB

LAB 3 (SQL 3 - PDML 2 Part 2)

PART 1

1) SELECT first_name, last_name, current_balance, current_balance/12 FROM customers;

2) SELECT first_name, last_name, customer_number, current_balance, current_balance - 5.00 FROM customers;

3) The values of current balance can go to below 0 which can cause negative value / balance

Part 2

1) SELECT ~~first~~ first_name "First Name",
last_name "Last Name",
current_balance "Balance",
current_balance/12 "Monthly Repayment"
WHERE FROM customers;

Part 3

1. SELECT 'The' || team_name || 'team has' || number_of_players || 'players
and receive a discount of' || discount || 'percent.'

AS "Team Formation"

FROM teams;

2. The value is NULL.

Name : Danesh Muthu Krisnan

Matric Number : B23CS0034

Subject : Database

LAB 3 (SQL 3 - DML 2 Part 3)

Part 1

- 1) SELECT * FROM customers ~~as~~ "Maria Galant" WHERE
customer-number = 'A20BC';
- 2) SELECT first_name, last_name, customer_number FROM customers
WHERE customer_balance > 100;
- 3) SELECT order-id, ^{order-date "date"} date, time FROM orders WHERE ^{order-date} date < '28-may-
2019';

Part 2

- 1) SELECT ~~inventory_id, cost, number-of-unit~~
inventory_id "Inventory ID", cost "cost", ~~number-of-unit~~ "Number
of Unit" FROM inventory-table
WHERE cost BETWEEN 3.00 AND 15.00;

Part 3

- 1) SELECT inventory_id "Inventory ID", cost "cost", number_of_unit "Number
of Unit" FROM inventory-table WHERE number_of_units IN ('50', '100',
'150', '200');

Name : Danesh Muthu Krisnan

Matric Number : B23CS0034

Subject : Database

LAB 3 (SQL 3 - DML 2 Part 4)

Part 1

1) SELECT 'The' || name || "team has" || number_of_players || 'players and does not receive a discount.' AS "Team Information" FROM teams WHERE discount is ~~NE~~ NULL;

2) SELECT 'The' || name || "team has" || number_of_players || 'players and receives a discount' || discount || 'percent' AS "Team Information" WHERE discount is NOT NULL;

Part 2

1) SELECT customer_number "Customer Number", address_line_1 "Street Address", postal_code "Postal Code" FROM customers_table WHERE address_line_1 = "Starford" AND City = 'Liverpool';

Part 3

1) SELECT customer_number "Customer Number", address_line_1 "Street Address", postal_code "Postal Code" FROM customers_table WHERE address_line_1 = 'Starfor' AND OR City = 'Liverpool';

NO: _____

DATE: _____

4) SELECT customer_number "Customer Number", address_line_1 "Street Address",
postal_code "Postal Code" FROM customer_table WHERE city NOT IN
('Liverpool');

Name : Danesh Muthu Krisnan

Matric Number : B23CS0034

Subject : Database

LAB 3 (SQL 3 - DML 2 Part 5)

Part 1

1) SELECT name "Team Name", number_of_players "Number Of Players" FROM
teams ORDER BY name;

2) SELECT name "Team Name", number_of_players "Number Of Players" FROM
teams ORDER BY number_of_players DESC.

3) SELECT name "Team Name", number_of_players "Number Of Players" FROM
teams ORDER BY name DESC.

Name : Danesh Muthu Krisnan

Matric Number : B23CS0034

Subject : Database

LAB 3 (SQL 3 - DML 2 Part 6)

PART 1

```
1) SELECT first_name || ' ' || last_name as "Customer Name"
   FROM customers ORDER BY customer_number FETCH FIRST
   3 ROWS ONLY;
```

Part 2

```
1) ACCEPT commission_rate NUMBER prompt "Enter Sales
   commission Rate" SELECT first_name "First Name", last_name "Last
   Name" FROM sales_rep_table WHERE commission_rate =
   commission_rate ORDER BY last_name;
```