

DATABASE
SEC0253(03)

SARANYA JAYARAMA REDDY (B22EC3013) LAB3 DML2 (SQL3)

DML2 PART1 PART 1

- 1) SELECT * FROM customers;
- 2) SELECT * FROM teams;
- 3) SELECT * FROM items;

PART 2

- 1) SELECT ctr_number, first_name, last_name, email, phone_number FROM customers;
- 2) SELECT name, number_of_players FROM teams;
- 3) SELECT name, description, category FROM items;

DML2 PART2 PART 1

- 1) SELECT first_name, last_name, current_balance, current_balance / 12 FROM customers;
- 2) SELECT first_name, last_name, current_balance, current_balance - 5.00 FROM customers;
- 3) The negative number can cause the customers who are with zero current balance to negative.

PART 2

- 1) SELECT first_name "First Name", last_name "Last Name", current_balance "Balance", current_balance / 12 "Monthly Repayments" FROM customers;

PART 3

- 1) SELECT 'The' || name || ' team has ' || number_of_players || ' players and receives a discount of ' || discount || ' percent' AS 'Team Information' FROM teams;
- 2) Because the discount is NULL.

DML2 PART3 PART 1

- 1) SELECT * FROM customers
WHERE ctr_number = 'C01986';
- 2) SELECT first_name "First Name", last_name "Last Name", ctr_number
"Customer Number" FROM customers
WHERE current_balance > 100;
- 3) SELECT id "order id", odr_date "Date", odr_time "Time" FROM orders
WHERE odr_date < TO_DATE('2019-05-28', 'YYYY-MM-DD');

PART 2

1) SELECT id "Inventory ID", cost "cost", units "Number of units" FROM inventory_lists
WHERE cost BETWEEN 3.00 AND 15.00;

PART 3

1) SELECT id "Inventory ID", cost "cost", units "Number of units" FROM inventory_lists
WHERE units IN (50, 100, 150, 200);

PART 4

1) SELECT id "Inventory ID", cost "cost", units "Number of units" FROM inventory_lists
WHERE units NOT IN (50, 100, 150, 200);

PART 5

1) SELECT itm_number "Item Number", name "Item Name" FROM items
WHERE name LIKE 'g%';

PART 6

1) SELECT itm_number "Item Number", name "Item Name" FROM items
WHERE name LIKE '%o%';

DM13 PART 4

PART 1

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

2) SELECT 'The' || name || ' has' || number_of_players || ' players and receives a discount of '
|| discount || ' percent' AS "Team Information" FROM teams
WHERE discount IS NOT NULL;

PART 2

1) SELECT ctr_number "Customer Number", address_line_1 "Street Address", zip_code
"Postal code" FROM customers_addresses
WHERE city = 'Liverpool' AND address_line_2 = 'Starford';

PART 3

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1) SELECT ctr_number "Customer Number", address_line_1 "Street Address", zip_code  
    "Postal Code" FROM customers_addresses  
    WHERE city = 'Liverpool' OR address_line_2 = 'Storford';
```

PART 4

```
1) SELECT ctr_number "Customer Number", address_line_1 "Street Address", zip_code  
    "Postal Code" FROM customers_addresses  
    WHERE city NOT IN 'Liverpool';
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DM12 PART 5

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

DM12 PART 6

PART 1

```
1) SELECT ROWNUM AS "Number of Customer", first_name || ' ' || last_name "Customer Name"  
    FROM  
    ( SELECT first_name, last_name FROM customers  
      ORDER BY ctr_number )  
    WHERE rownum <= 3;
```

PART 2

```
1) SELECT first_name "First Name", last_name "Last Name", commission_rate "Commission Rate"  
    FROM sales_representatives  
    WHERE commission_rate = commission_rate  
    ORDER BY last_name;
```