

DML 2 : A22EC0081 , MUHD AQIL HAZIQ B. ZULKARNAIN

Part 1 :

Part 1 :

1. SELECT * FROM customers ;
2. SELECT * FROM teams ;
3. SELECT * FBOM items ;

Part 2 :

1. SELECT ctr-number , first-name , last-name , phone-number
FROM customers ;
2. SELECT name , number-of-players
FROM players ;
3. SELECT name , description , category
FROM items ;

Part 2 :

Part 1 :

1. SELECT first-name , last-name , current-balance , current-balance /12
FROM customers ;

2. SELECT first_name , last_name , ctr_number , current_balance , current_balance - 5
FROM customers ;
3. The resultant calculated column does not become a new column in the table because it propose just for display .

Part 2 :

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

Part 3 :

1. SELECT 'The' || name || 'team has' || number_of_player || 'players and'
receives a discount of ' || percent || 'percent'
"Team Information"
FROM teams ;
2. Because the last team has NULL value for discount .

Part 3 :

Part 1 :

1.

```
SELECT * FROM customers  
WHERE ctr_numbers = 'C01996';
```
2.

```
SELECT first_name "First Name", last_name "Last Name",  
ctr_numbers "Customer Numbers"  
FROM customers  
WHERE current_balance > 100;
```
3.

```
SELECT id AS "Order Id", order_date AS "Order Date"  
FROM Orders  
WHERE order_date < TO_DATE ('28-May-2019', DD-MM-YYYY);
```

Part 2 :

1.

```
SELECT id AS "Inventory Id", cost AS "Cost", unit AS "Numbers of Units"  
FROM inventory_list  
WHERE cost BETWEEN 3.00 and 5.00;
```

Part 3 :

1.

```
SELECT id AS "Inventory Id", cost AS "Cost", unit AS "Numbers of Units"  
FROM inventory_list  
WHERE units IN (50, 100, 150, 200);
```

Part 4 :

```
1. SELECT id AS "Inventory Id", cost AS "Cost", unit AS "Numbers of units"  
FROM inventory_list  
WHERE units NOT IN (50, 100, 150, 200);
```

Part 5 :

```
1. SELECT item_number AS "Item Number", name AS "Name"  
FROM items  
WHERE name LIKE "g%";
```

Part 6 :

```
1. SELECT item_number AS "Item Number", name AS "Name"  
FROM items  
WHERE name LIKE "%o_0%";
```

Part 4 :

Part 1

```
1. SELECT name || 'team has' || number_of_players || 'players and does not'  
receive a discount AS "Team Information"  
FROM teams  
WHERE discount IS NULL;  
  
2. SELECT name || 'team has' || number_of_players || 'players and receives a'  
discount of ' || TO_CHAR(discount) || 'percent' AS "Team Information"  
FROM teams  
WHERE discount IS NOT NULL;
```

Part 2 :

1. SELECT cstm-number AS "Customer Number", address-line-1 AS
"Street Address", zip-code AS "Postal Code"
FROM customers_addresses
WHERE address-line-2 = 'Starford' AND city = 'Liverpool';

Part 3

1. SELECT cstm-number AS "Customer Number", address-line-1 AS
"Street Address", zip-code AS "Postal Code"
FROM customers_addresses
WHERE address-line-2 = 'Starford' AND city = 'Liverpool';

Part 4 :

1. SELECT cstm-number AS "Customer Number", address-line-1 AS
"Street Address", zip-code AS "Postal Code"
FROM customers_addresses
WHERE city != 'Liverpool';

Part 5 :

1. SELECT name AS "Team Name", number_of_players AS "Number of players"
FROM teams ORDER BY name ASC;
2. SELECT name AS "Team Name", number_of_players AS "Number of players"
FROM teams ORDER BY number_of_players DESC;
3. SELECT name AS "Team Name", number_of_players AS "Number of players"
FROM teams ORDER BY "Team Name" DESC;

Part 6 :

Part 1

1. SELECT first_name || ' ' || last_name AS "Customer Name"
FROM customers WHERE ROWNUM <= ORDER BY ctr-number;

Part 2

2. SELECT first_name AS "First Name", last_name AS "Last Name"
FROM sales_representatives
WHERE commission_rate = :rate
ORDER BY last_name;