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SGL3 : DML 2

P1)

PART 1

1. SELECT * FROM customers;

2. SELECT * FROM teams;

3. SELECT * FROM items;

PART 2

1. SELECT ctr_number, first_name, last_name, phone_number FROM customers;

2. SELECT name, number_of_players FROM teams;

3. SELECT name, description, category FROM items;

P2)

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 a table because its purpose is just for display
only. So, the data cannot be used afterwards.

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_player
|| ' players and receives a discount of' || discount || 'percent'||
"Team Information"
FROM teams;

2. Because the last team has NULL value for discount

P3)

PART 1

1. SELECT ctr_number, email, first_name, last_name, phone_number,
current_balance, loyalty_card_number
FROM customers
WHERE ctr_number = 'cool01';

2. SELECT first_name, last_name, ctr_number
FROM customers
WHERE current_balance > 100;

3. SELECT id, odr_date, odr_time
FROM orders
WHERE odr_date < '28-May-2019';

PART 2

1. SELECT id, cost, units "number of units"
FROM inventory_list
WHERE cost BETWEEN 3.00 AND 15.00;

PART 3

1. SELECT id, cost, units "number of units"
FROM inventory_list
WHERE cost IN (50, 100, 150, 200);

PART 4

```
1. SELECT id, cost, units "number of units"  
  FROM inventory_list  
 WHERE cost NOT IN (50, 100, 150, 200);
```

PART 5

```
1. SELECT itm_number, name  
  FROM items  
 WHERE name LIKE 'g %';
```

PART 6

```
1. SELECT itm_number, name  
  FROM items  
 WHERE name LIKE '% o %';
```

Py)

PART 1

```
1. SELECT ||'The'|| name ||' team has'|| number_of_player  
    ||' players and does not receive a discount'||  
    "Team Information"  
  FROM teams;  
 WHERE discount IS NULL;
```

```
2. SELECT ||'The'|| name ||' team has'|| number_of_player  
    ||' players and receives a discount of'|| discount ||' percent'||  
    "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 address_line_2 = 'Starford'  
      AND city = 'Liverpool';
```

PART 3

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

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')
```

PS)

```
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 "Player"  
     FROM teams  
    ORDER BY Team Name DESC;
```

P6)

PART 1

```
SELECT first_name || ' ' || last_name "Customer Name"  
FROM customers  
WHERE rownum <= 3  
ORDER BY customer_id;
```

PART 2

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