

512-1

AHMAD SAIFUDDIN BIN NARDI SUSANTO

A22E0035 SECTION 06

SQL3 - DML2

PART 1

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;

PART 2

Part 1

1. `SELECT first_name, last_name, current_balance / 12 AS monthly_payment`
`FROM customers;`
2. `SELECT first_name, last_name, ctr_number, current_balance, current_balance - 5 AS`
`balance_minus_giftvalue`
`FROM customers;`
3. The columns name are less descriptive and clarity.

Part 2

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

Part 3

1. `SELECT`
`name || 'team has' || number_of_players || 'players and receives a discount of' ||`
`TO_CHAR (discount) || 'percent.'`
`AS "team_information"`
`FROM teams;`
2. Because the last team has NULL value on discount

PART 3Part 1

1. SELECT * FROM customers

WHERE ctr_number = 'LQ986';

2. SELECT

first_name AS "First Name",

last_name AS "Last Name",

ctr_number AS "customer number"

FROM customers WHERE current_balance > 100;

3. SELECT

id AS "Order ID",

odr_date AS "Order Date",

odr_time AS "Order Time"

FROM orders WHERE odr_date < TO_DATE ('28-May-2014', 'DD-MM-YYYY');

Part 2

1. SELECT

id AS "inventory Id",

cost AS "cost",

units AS "Number of units"

FROM inventory_list WHERE cost BETWEEN 3.00 and 15.00;

Part 3

1. SELECT

id AS "Inventory Id",

cost AS "Cost",

units AS "Number of units"

FROM inventory_list WHERE units IN (50, 100, 150, 200);

Part 4

1. SELECT

id AS "Inventory Id",
 cost AS "Cost",
 units AS "Number of units"

FROM inventory_list WHERE units NOT IN (50, 100, 150, 200);

Part 5

1. SELECT

itm_number AS "item Number",
 name AS "Name"

FROM items WHERE name LIKE '9%';

Part 6

1. SELECT

itm_number AS "Item Number",
 name AS "Name"

FROM items WHERE name LIKE '%0%';

PART 4

Part 1

1. SELECT

name || 'team has ' || number_of_players || ' players and does not receives 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

ctr_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

ctr_number AS "Customer Number",
address_line_1 AS "Street Address",
zip_code AS "Postal Code"

FROM customers_addresses

WHERE address_line_2 = 'Starford' OR City = 'Liverpool';

Part 4

4.1. SELECT
 dr-number AS "Customer Number",
 address_line_1 AS "Street Name",
 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 "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 <= 3 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;