

MOHAMAD REZQI BIN MUHARAM (B23C30006)

Part 1 (DML 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 team;
- 3) SELECT name || ' ' || description || category from item;

Part 1 (DML Part 2)

- 1) SELECT first_name, last_name, current_balance, current_balance/12
as monthly-payment FROM customers;
- 2) SELECT first_name, last_name, ctr_number, current_balance, current_balance - 5.00
FROM customers;
- 3) condition apply on current balance is ≥ 0 , so the value can't minus 5
and the ~~if~~ result will exceed ~~if~~ their on condition.

Part 2

- 1) SELECT first_name, last_name, current_balance, current_balance/12 "Monthly Repayments"
FROM Customers;

Part 3

- 1) SELECT 'The ' || name || ' team has ' || number_of_players || ' players and receive
a discount of ' || discount || ' percent.' as "Team Information" FROM teams;
- 2) Because it's NULL value.

Part 1 (DML Part 3)

- 1) SELECT * from customers WHERE ctr_number = 'C01986';
- 2) SELECT first_name, last_name, ctr_number FROM customers WHERE current_balance > 100 ;
- 3) SELECT ID as "Order ID", odr_date as "Date", odr_time as "Time" FROM orders WHERE odr_date < TO_DATE ('2019-05-28', 'YYYY-MM-DD');

Part 2

- 1) SELECT ID as "Inventory ID", cost as "Inventory Cost", units as "Inventory Units" FROM inventory-list WHERE cost BETWEEN 3 and 15 ;

Part 3

- 1) SELECT ID as "Inventory ID", cost as "Inventory Cost", units as "Inventory Units" FROM inventory-list WHERE units IN (50, 100, 150, 200);

Part 4

- 1) SELECT ID as "Inventory ID", cost as "Inventory Cost", units as "Inventory Units" FROM inventory-list WHERE units 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 %';

Part 1 (CDML Part 4)

- 1) SELECT 'The' || ~~name~~ || 'team has' || ~~number-of-players~~ || 'players and does not receive a discount' as "Team Information" FROM teams WHERE discount IS NULL;
- 2) SELECT 'The' || name || 'team 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 as "Customer Number", address_line_1 as "Street Address", zip_code as "Postal Code" FROM customers_addresses WHERE city = 'Liverpool' AND address_line_2 = 'Starford';

Part 3

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

Part 4

- 1) SELECT ctr_number as "Customer Number", address_line_1 as "Street Address", zip_code as "Postal Code" FROM customers_addresses WHERE city != 'Liverpool'

Part 1 (DML Part 5)

- 1) SELECT name as "Team Name", number_of_players as "Number of Players"
FROM teams ORDER BY name;
- 2) SELECT name as "Team Name", number_of_players as "Number of Players"
FROM teams ORDER BY ~~name~~ number_of_players DESC;
- 3) SELECT name as "Team Name", number_of_players as "Number of Players"
FROM teams ORDER BY name DESC;

Part 1 (DML Part 6)

- 1) SELECT ROWNUM as "Customer Name", first_name, last_name FROM (SELECT
first_name, last_name FROM customers ORDER BY ctr_number)
WHERE ROWNUM <= 3;

Part 2

- 1) SELECT first_name as "First Name", last_name as "Last Name" FROM
sales_representatives ORDER BY last_name WHERE comission_rate
= :comission_rate;