

DML 2

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DML2 Part 1

Part 1

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

Part 2

① SELECT cfr_number, first_name, last_name, phone_number
FROM customers;

② SELECT name, number_of_players
FROM teams;

③ SELECT name, description, category
FROM items;

DML2 Part 2 (Part 1)

① SELECT first_name, last_name, current_balance, current_balance/12
FROM customers;

② SELECT first_name, last_name, cfr_number, current_balance, current_balance - 5;
FROM customers;

③ The current balance = -5, if the current balance = 0 (not logical)

DML2 Part 2 (Part 2)

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

DML2 Part 2 (Part 3)

① SELECT 'The' || name || 'team has' || number_of_players || 'players and receive a discount of ' || discount || 'percent'
FROM teams;

② Because the discount for last team is null.

DML 2 Part 3 (Part 1)

① SELECT * FROM customers
WHERE ctr-number = 'C01486';

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 * FROM inventory-list
WHERE cost BETWEEN 3.00 AND 15.00;

Part 3

① SELECT * FROM inventory-list
WHERE units IN (50, 100, 150, 200);

Part 4

① SELECT * FROM inventory-list
WHERE units NOT IN (50, 100, 150, 200);

Part 5

① SELECT item-number AS "Item Number", name AS "Item Name"
FROM items
WHERE name LIKE '9%';

Part 6

① SELECT item-number AS "Item Number", name AS "Item Name"
FROM items
WHERE name LIKE '%0%';

DML 2

Part 1

Part 1

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 does not receive a discount.' 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 address
WHERE city = 'Liverpool' AND address_line-2 = 'Stanford';

Part 3

① SELECT ctr-number "Customer Number"
address_line-1 "Street Address"
zip_code "Postal Code"
FROM customers address
WHERE city = 'Liverpool' OR address_line-2 = 'Stanford';

Part 4

① SELECT ctr-number "Customer Number"
address_line-1 "Street Address"
zip_code "Postal Code"
FROM customers address
WHERE city <> 'Liverpool';

DML2 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 number_of_players DESC;

③ SELECT name AS "Team Name"
number_of_players AS "Number of Players"
FROM teams
ORDER BY name DESC;

DML2 Part 6

① SELECT ROWNUM "Top 3 customers",
first_name || ' ' || last_name AS "Customer Name"
FROM (SELECT first_name, last_name
From customers
ORDER BY atr_number)
WHERE ROWNUM <= 3;

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