

DATABASE LAB PML2

PML2-PI

PART 1

1. CUSTOMERS

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SELECT * FROM CUSTOMERS;
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2. TEAMS

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SELECT * FROM TEAMS;
```

3. ITEMS

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SELECT * FROM ITEMS;
```

PART 2

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1. SELECT ctr_number, first_name, last_name, email, phone_number FROM CUSTOMER;
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2. SELECT name, number_of_players FROM TEAMS;
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3. SELECT name, description, category FROM ITEMS;
```

DML 2 - 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 - 5.00;
3. Since the current balance condition is ≥ 0 , the value cannot be -5, and the outcome will exceed the condition.

PART 2

1. SELECT first_name AS "First Name", last_name AS "Last Name", current_balance AS "Balance", current_balance / 12 AS "Monthly Prepayments" FROM CUSTOMERS;

PART 3

1. SELECT 'The' || name || 'team has' || number_of_players || 'players and receives a discount of' || discount || 'percent' AS "Team Information" FROM TEAMS;
2. Value for column "discount" is NULL.

DML2- P3

PART 1

1. SELECT * FROM CUSTOMERS WHERE first_name = "Mana" AND last_name = "Gahat";
2. SELECT first_name AS "FirstName", last_name AS "LastName", ctr_number AS "Customer Number" FROM CUSTOMERS WHERE current_balance > 100;
3. SELECT id AS "OrderID", odr_date AS "Order Date", odr_time AS "Order Time" FROM ORDERS WHERE odr_date < TO_DATE('2019-05-28', 'YYYY-MM-DD');

PART 2

1. SELECT id AS "Inventory ID", cost AS "Cost", units AS "Unit" FROM Inventory_list WHERE cost BETWEEN 3.00 AND 12.00;

PART 3

1. SELECT id AS "Inventory ID", cost AS "Cost", units AS "Unit" FROM inventory_list WHERE units IN (50, 100, 150, 200);

PART 4

1. SELECT id AS "Inventory ID", cost AS "Cost", units AS "Unit" FROM inventory_list WHERE units NOT IN (50, 100, 150, 200);

PART 5

1. SELECT itm_number "Item Number", name AS "Name" FROM ITEMS WHERE name LIKE 'g%';

PART 6

1. SELECT itm_number AS "Item Number", name AS "Name" FROM ITEMS WHERE name LIKE '%0%';

DML 2 - P4

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 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 CUSTOMER_ADDRESS 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_ADDRESS 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_ADDRESS WHERE city NOT IN ('Liverpool');

DML2 - P5

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 "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;

DML2 - P6

1. SELECT CONCAT (first_name, ' ', last_name) AS "Customer Name" FROM CUSTOMERS WHERE ROWNUM <= 3 ORDER BY cfr_number;
2. SELECT first_name AS "First Name", last_name AS "Last Name", commission_rate AS "Commission Rate" FROM sales_representatives WHERE commission_rate = com_rate ORDER BY last_name;