

Exercise (1)

- Part (1)

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

- Part (2)

1. SELECT customer_number, fname, lname, email, phone_num FROM customer;
2. SELECT name, players_num FROM teams;
3. SELECT name, description, category FROM items;

Exercise (2)

- Part (1)

1. SELECT fname, lname, current_balance, current_balance / 12 FROM customers;
2. SELECT fname, lname, customer_number, current_balance, current_balance - 5 FROM customers;
3. The problems:
 - a. current_balance / 12 won't be called monthly payment
 - b. current_balance - 5 won't be called

- Part (2)

1. SELECT fname AS "First name", lname AS "Last Name", current_balance AS "Balance", current_balance / 12 AS "Monthly Repayment" FROM customers;

- Part (3)

1. SELECT name || 'team has ' || players_num || ' players' and receive a discount of '|| discount || ' percent' AS "Team Information" FROM teams;
2. Because it doesn't have discount, null value.

Exercise (3)

Part (1)

1. SELECT * FROM customers
WHERE ctnum = 'F253C8';
2. SELECT fname, lname, ctnum FROM customer
WHERE current_balance > 100;
3. SELECT id AS "Order ID", ord_date AS "Order Date",
ord_time AS "Order Time" FROM orders;
WHERE ord_date

Part (2)

1. SELECT id AS "Inventory ID", cost AS "Inventory Cost",
units AS "Inventory Units" FROM Inventory
WHERE cost BETWEEN 3.00 AND 15.00;

Part (3)

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

Part (5)

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

Part (6)

1. SELECT itm-num AS "Item Number", name AS "Name",
FROM items
WHERE name LIKE 'Y.O%';

Exercise (4)Part (1)

1. SELECT 'The' || name || ' team has' || players_num || ' players' and
does not receive a discount, AS "Team Information" FROM
teams

WHERE discount IS NULL;

2. SELECT 'The' || name || ' team has' || players_num || ' players
and receive a discount of' || discount || ' percent' AS "Team
Information" FROM teams

WHERE discount IS NOT NULL;

Part (2)

1. SELECT id AS "Customer Number", address_line_1 AS "Street
Address", Zip_code AS "Postal Code" FROM customer_address
WHERE address_line_1 = 'Starford'
AND city = 'Liverpool';

Part (3)

1. SELECT id AS "Customer Number", address_line_1 AS "Street
Address", Zip_code AS "Postal Code" FROM customer_address
WHERE address_line_1 = 'Starford'
OR city = 'Liverpool';

Part (4)

1. SELECT id AS "Customer Number", address_line_1 AS "Street
Address", Zip_code AS "Postal Code" FROM customer_address
WHERE city NOT IN ('Liverpool');

Exercise (5)

1. SELECT name AS "Team Name", players_num AS "NO of players"
FROM teams
ORDER BY name;
2. SELECT name AS "Team Name", players_num AS "NO of players"
FROM teams
ORDER BY players_num DESC;
3. SELECT name AS "Team Name", players_num AS "Players"
FROM teams
ORDER BY "Team Name" DESC;

Exercise (6)

Part (1)

1. SELECT ROWNUM AS "Rank", first_name, last_name
FROM (SELECT first_name || ' ' || last_name AS "Customer Name"
FROM customers;)
WHERE ROWNUM <= 3;

Part (2)

1. SELECT first_name AS "First Name", last_name AS "Last
Name" FROM sale-representative
WHERE commission_rate = 'Sale_rate'
ORDER BY last_name;