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 customer;
2- SELECT fname, lname, customer_num, 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 customer;

-Part (3)

1- SELECT name || 'team has' || players_num || "plagers and recieve a discount of' || discount || 'percent AS "Team Information"
FROM team;
2- Because it doesn't have discount, Null value.

No.: Date:

Exercise (3)

- Part (1)

1- SELECT * FROM customers
WHERE ctr_num = 'f253c8';

2 SELECT fname, lname, ctr_num 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%';

No.: Date:

_Part(6)

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

Exercise (4)

_Part(1)

1- SELECT 'The' ||name|| 'team has' || players_num || 'players and does not reciere a discount.' AS "Team Information" FROM teams
WHERE discount IS NULL,

2- SELECT 'The' ||name|| 'team has' || players_num || 'players and reciere 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_addresses
WHERE address_line_1 = 'Stanford'
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 = 'Stanford'
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');

No..

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_nam;