DML 2 (Part 1)

Section 6 Lesson 6, Exercise 1:

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 teams;

(3) SELECT name, description, category FROM items;

DML (Part 2)

Section 6   Lesson 6 , Exercise 5 :

Part (1)

(1) SELECT first_name, last_name, current_balance,
    (current_balance / 12) AS ~~monthy_balance~~ monthly_payment
    FROM customers;

(2) SELECT first_name, last_name, ctr_number, current_balance,
    (current_balance - 5.00) AS new_current_balance_minus_gift
    FROM customers;

(3)   Confusing to check and update the value if
        something happen

Part (2)

(1) SELECT first_name AS First_Name, last_name AS Last_Name,
    current_balance AS Balance, monthly_payment AS Monthly_Repayments
    FROM customers;

Part (3)

(1) SELECT
    'The' || name || ' ~~has~~ teams has' || number_of_players ||
    ' players and receives a discount of ' || ~~percent~~ discount || ' percent'
    AS "Team Information";
    FROM teams;

(2) the discount value is null

DML 2 (Part 3)

Part (1)

(1) SELECT * FROM customers
    WHERE ctr_number = 'c01986';

(2) SELECT first_name AS "First Name", last_name = "Last Name",
        ctr_number AS "Customer Number"
    FROM customers
    WHERE current_balance > 100;

(3) SELECT id AS "ORDER ID", odr_date AS "ORDER DATE", odr_time AS "
    ORDER TIME"
    FROM orders
    WHERE odr_date < '28-may-17';

Part (2)

(1) SELECT id AS "INVENTORY ID", cost AS "INVENTORY COST", units AS
    "INVENTORY UNITS"
    FROM inventory_list
    WHERE cost BETWEEN 8.00 AND 15.00;

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');

DML 2 (Part 4)

Section 6 Lesson 7, Exercise 2

Part (1)

(1) SELECT 'The ' || name || 'team has ' || number_of_players ||
'players and does not receive a' || discount || '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' AND city = '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';

DDL 2 (Part 5)

Session 6, Lesson 8, Exercise 1

(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 "PLAYERS"
   FROM teams
   ORDER BY name DESC;

DDL 2 (Part 6)

Session 6 Lesson 8, Exercise 2

Part (1)

(1) SELECT CONCAT(first_name, last_name) AS "CUSTOMER NAME"
   FROM customers
   ORDER BY ctr_number
   FETCH FIRST 3 ROW ONLY;

(2) ACCEPT commission_rate NUMBER PROMPT 'Enter sales Commission Rate :'
   SELECT first_name AS "First Name", last_name AS "Last Name"
   FROM sales_representatives
   WHERE commission_rate = commission_rate
   ORDER BY last_name;