

Ahmad Aiff Aisy bin Ahmad Rizol

B23C0018

LAB 3

DUL 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;

DUL 2 (Part 2)

Part 2 1

1) SELECT first-name, last-name, current-balance, (current-balance / 12) AS 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 Current-Balance, monthly\_payment AS Monthly-Repayments 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) The discount value is null.

## DUL 2 (Part 3)

## Section 6 Lesson 7, Exercise 1

## Part 1

- 1) SELECT \* FROM customers  
WHERE ctr-number = 'C01986';
- 2) SELECT first\_name AS "First Name", last\_name AS "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-2019'<sup>17</sup>;

## Part 2

- 1) SELECT id AS "INVENTORY ID", cost AS "INVENTORY COST", units AS "INVENTORY UNITS"  
FROM inventory-list  
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-list  
WHERE units IN (50, 100, 50, 100, 150, 200);
```

## Part 4

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

## Part 5

```
1) SELECT itm-number AS "Item Number", name AS "Item Name"  
FROM items FROM items  
WHERE name LIKE 'g%';
```

## Part 6

```
1) SELECT itm-number AS "Item Number", name AS "Item Name"  
FROM items  
WHERE name LIKE '%o%';
```

## Section 6 Lesson 7 Exercise 2

## Part 1

```
1) SELECT 'The' || name || ' team has ' || number-of-players || ' player and does not  
    receive a discount.' AS "Team Information"  
FROM teams  
WHERE discount IS NULL;
```



2) SELECT 'The ' || name || ' team has ' || number-of-players || ' player and receives a discount ' || 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-address  
WHERE city = 'Liverpool' AND address-line-2 = 'sterford';

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' OR address-line-2 = 'sterford';

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';

Section 6 Lesson 8 Exercise 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 "Number of Players"
FROM teams
ORDER BY name DESC;
```

## Section 6 Lesson 8 Exercise 2

### Part 1

```
1) SELECT ROWNUM AS "Top 3 Customers", first_name || ' ' || last_name AS
   "Customer Name"
FROM (SELECT first_name, last_name
      FROM customers
      ORDER BY ctn-number)
WHERE ROWNUM <= 3;
```

### Part 2

```
1) SELECT first_name AS "First Name", last_name AS "Last Name"
FROM sales-representatives
WHERE commission_rate = commission_rate
ORDER BY last_name;
```