

DATABASE

LAB3

NAME: HUANG BOSHENG

MATRIC NO: A22EC4032

LECTURER: DR.IZYAN IZZATI BINTI KAMSAN

Section 6 Lesson 6 Exercise 1

Part 1.

- 1. SELECT * FROM CUSTOMERS.)
- 2. SELECT * FROM TEAMS:
- 3. SELECT * FROM ITEMS;

Part2.

- SELECT ctr_number, first_name, last_name, email, phone_humber FROM CUSTOMERS;
- 2. SELECT name, number-of-players FROM TEAMS,
- 3. SELECT name, description, category FROM ITEMS;

Section 6 Lesson 6 Exercise2

Parti.

- 1. SELECT first_name, last_name, current_balance/12 FROM CUSTOMERS;
- first_name, last_name, ctr_number, current_balance-5 FROM customers;
- 3. For current balance that can't be 0

Part 2.

1. SELECT first-name AS "First Name, last-name AS "Last Name", current-balance AS "Balance", current-balance/12 As monthly Payment' From CUSTOMERS

Part 3

- 1. SELECT 'The'll name 11 'team has' 11 number_of-players 11 'players and receives a discount of'll discount 11 'Parent' AS "Team Information" FROM TEAMS;
- 2. There is a rull value in the discount attribute of lost team

Section 6 Lesson 7 Exercise 1: Restricting Data Using WHERE Part 1.

- 1. SELECT * FROM CUSTOMERS WHERE CTI_number = 'Co1986';
- 2. SELFCT first_name AS : First Nome", last_name AS : Last Name", Ctr_number AS : Customer Number"
 FROM CUSTOMERS WHERE current_balance >100
- 3. SELECT id AS Drder ID", odr. date AS Drder Date", odr. time AS Drder Time" From ORDERS WHERE TO DATE (odr. date, 'mm/DD/YYYY') < TO-DATE (OS/2019", 'mm/DD/YYYY');

Part 2.

1. SELECT id As "Inventory ID", cost As "Cost", units As "Number of Units"
FROM INVENTORY_LIST WHERE COST BETWEEN 3:00 AND 15:00.

part 3.

1- SELECT id As 'Inventory ID', cost AS 'Cost AS 'Cost', units AS 'Number of Units' FROM INVENTORY-LIST WHERE units IN (50,100,150,200);

Part 4

1. SELECT id AS Inventory ID', cost As 'Cost', units As Number of Units'
WHERE units NOT IN 150, 100, 150, 2001;

Part 5.

SELECT itm-number AS Item Number", name AS Name "FROM ITEMS WHERE name LIKE '9%';

Partb.

SELECT itm.number As "Item Number". name As "Name" FROM ITEMS WHERE name LIKE"-0%;

Section 6 Lesson 7 Exercise 2

Part 1:

- 1. SELECT 'The' | | name | | 'team has' | | number- of- players | 11 players and does not receive a discount! AS 'Team Information" From TEAMS WHERE discount IS MULT:
- 2. SELECT 'The 'Il name II 'team has' Il number-of-players II 'players and receives a discount of II discount II 'percent: AS: Team Information" From TEAMS WHERE discount IS NOT MULL.

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: 'Startford';

Part3.

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: 'Starford':

Part 4

[SELECT ctr_number As "Customer Number", address_line-1 As "Street Address".

Zip.code As "Postal Code" From Customers_ADDREsses WHERE city NOT_IN ('Livepool');

Section & Lesson & Exercise 1.

- [- SELECT name AS "Team Name", Number_ of-players IAS "Player" FROM TEAMS ORDER By name:
- 2. SELECT name AS "Team Name", number of players AS "Player" FROM TEAMS ORDER BY numbers of players DESC:
- 3. SELECT name As "Team Name", number-of-players As "Players" FROM TEAMS ORDER BY name DESC;

Section 6 Lesson & Exercise 2.

Part 1.

SELECT ROWNUM AS "Customers Number", first.name 11" II last-name
AS "Customer Name" FROM [SELECT first.name. last_hame FROM CUSTOMERS)
WHERE ROWNUM <= 3;

Part 2.

SELECT first-name AS "First Name", last-name AS "Last Name",

Commission-rate AS "Commission Rate" FROM SALES-REPRESENTATIVES

WHERE commission-rate =: Commission-rate ORDER BY last-name;