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MATRICS NO : A22 EC 0130

SECTION : 06

PART 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;

```

1 SELECT ctr_number, first_name, last_name, email, phone_number
2 FROM CUSTOMERS;
3

```

CTR_NUMBER	FIRST_NAME	LAST_NAME	EMAIL	PHONE_NUMBER
c00001	Robert	Thornberry	bob.thornberry@heatmail.com	01234567898
c00012	Jennifer	Jones	Jjones@freemail.com	01505214598
c00101	John	Doe	unknown@here.com	03216547808
c00103	Andrew	Murcia	MurciaA@globaltech.com	07715246890
c01986	Maria	Galant	margal87@delphiview.com	01442736589
c02001	Brian	Rogers	brianrog@hootech.com	01654564898

2. SELECT name, number\_of\_players FROM TEAMS ;

```
1 ✓ SELECT name, number_of_players
2 FROM TEAMS;
3
```

NAME	NUMBER_OF_PLAYERS
Rockets	25
Celtics	42
Rovers	8
Jets	10

3. SELECT name, description, category FROM ITEMS;

```
1 SELECT name, description, category
2 FROM ITEMS;
3
```

NAME	DESCRIPTION	CATEGORY
gloves	catcher mitt	clothing
under shirt	top worn under the game top	clothing
socks	team socks with emblem	clothing
game top	team shirt with emblem	clothing
premium bat	high quaity baseball bat	equipment

PART 2 :

Part 1 :

1. SELECT first\_name, last\_name, current\_balance, current\_balance / 12  
FROM CUSTOMERS ;

[illegible]



2.	SELECT first-name, last-name, ctr-number, current-balance, current-balance-5
	FROM CUSTOMERS ;

```
1 v SELECT first_name, last_name, ctr_number, current_balance, current_balance-5
2 FROM CUSTOMERS;
3
```

FIRST_NAME	LAST_NAME	CTR_NUMBER	CURRENT_BALANCE	CURRENT_BALANCE-5
Robert	Thornberry	c00001	150	145
Jennifer	Jones	c00012	0	-5
John	Doe	c00101	987.5	982.5
Andrew	Murcia	c00103	85	80
Maria	Galant	c01986	125.65	120.65
Brian	Rogers	c02001	50	45

3. The current balance value cannot be zero.

Part 2:

1. `SELECT first-name AS "First Name", last-name AS "Last Name", current_balance  
AS "Balance", current_balance/12 AS "Monthly Repayments"  
FROM CUSTOMERS;`

```
1 SELECT first_name AS "First Name", last_name AS "Last Name", current_balance AS "Balance", current_balance/12 AS "Monthly Repayments"
2 FROM CUSTOMERS;
3
```

[illegible]

Part 3 :

1. SELECT 'The ' || name || ' team has ' || number-of-players || ' players and receives a discount of ' || discount || ' percent.' AS 'Team Information'  
FROM TEAMS ;

```
1 SELECT 'The ' || name || ' team has ' || number_of_players || ' players and receives a discount of ' || discount || ' percent.'  
2 AS "Team Information"  
3 FROM TEAMS;
```

#### Team Information

The Rockets team has 25 players and receives a discount of 10 percent.

The Celtics team has 42 players and receives a discount of 20 percent.

The Rovers team has 8 players and receives a discount of percent.

The Jets team has 10 players and receives a discount of 5 percent.



2. Because discount value can be NULL value and the discount column in the last team's row is NULL.

### PART 3 :

#### 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", current_balance AS "Balance"`  
`FROM CUSTOMERS WHERE current_balance > 100;`

```
1 ✓ SELECT first_name AS "First Name", last_name AS "Last Name", ctr_number  
2 AS "Customer Number", current_balance AS "Balance"  
3 FROM CUSTOMERS WHERE current_balance>100;
```

First Name	Last Name	Customer Number	Balance
Robert	Thornberry	c00001	150
John	Doe	c00101	987.5
Maria	Galant	c01986	125.65



No.: LAB 3

Date: .....

3. SELECT id AS "Order ID", odr\_date AS "Order Date", odr\_time AS "Order Time"  
FROM ORDERS WHERE TO\_DATE(odr\_date, 'DD-MM-YYYY')  
< TO\_DATE('08-MAY-2019', 'DD-MM-YYYY');

```
1 ✓ SELECT id AS "Order ID", odr_date AS "Order Date", odr_time AS "Order Time"
2 FROM ORDERS WHERE TO_DATE(odr_date, 'DD-MM-YYYY') < TO_DATE('28-MAY-2019', 'DD-MM-YYYY');
```

Order ID	Order Date	Order Time
or0101250	17-APR-17	17-APR-17
or0101350	24-MAY-17	24-MAY-17
or0101425	28-MAY-17	28-MAY-17
or0101681	02-JUN-17	02-JUN-17
or0101750	18-JUN-17	18-JUN-17

Part 2:

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

```
1 v SELECT id AS "Inventory ID", cost AS "Cost", units AS "Units"  
2 FROM INVENTORY_LIST WHERE cost BETWEEN 3.00 AND 15.00;  
3
```

Inventory ID	Cost	Units
il010230125	7.99	250
il010230126	5.24	87

Part 3 :

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

```
1 ✓ SELECT id AS "Inventory ID", cost AS "Cost", units AS "Number of Units"  
2 FROM INVENTORY_LIST WHERE units IN(50, 100, 150, 200);  
3
```

Inventory ID	Cost	Number of Units
il010230124	2.5	100

Part 4:

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

```
1 ✓ SELECT id AS "Inventory ID", cost AS "Cost", units AS "Number of Units"  
2 FROM INVENTORY_LIST WHERE units NOT IN(50, 100, 150, 200);  
3
```

Inventory ID	Cost	Number of Units
i1010230125	7.99	250
i1010230126	5.24	87
i1010230127	18.95	65
i1010230128	97.46	8



Part b:

1. SELECT itm\_number AS "Item Number", name AS "Name"  
FROM ITEMS WHERE name LIKE 'g%';

```
1 ✓ SELECT itm_number AS "Item Number", name AS "Name"  
2 FROM ITEMS WHERE name LIKE 'g%';  
3
```

Item Number	Name
im01101044	gloves
im01101047	game top

Part 6 :

1. SELECT itm\_number AS "Item Number", name AS "Name"  
FROM ITEMS WHERE name LIKE '-o%';

```
1 ✓ SELECT itm_number AS "Item Number", name AS "Name"  
2 FROM ITEMS WHERE name LIKE '_o%';  
3
```

Item Number	Name
im01101046	socks

#### PART 4:

##### Part 1:

1. SELECT 'The' || name || ' team has' || number-of-players || ' players and does not receives a 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\_ADDRESS 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\_ADDRESS WHERE city = 'Liverpool' OR address\_line\_2 = 'Starford';

##### Part 4:

1. SELECT ctr-number AS "Customer Number", address\_line\_1 AS "Street Address",  
zip-code AS "Postal Code"  
FROM CUSTOMERS\_ADDRESS WHERE city NOT IN ('Liverpool');

#### PART 5:

1. SELECT name AS "Team Name", number-of-players AS "Number of Players"  
FROM TEAMS ORDER BY name;

```
1 ✓ SELECT name AS "Team Name", number_of_players AS "Number of Players"  
2 FROM TEAMS ORDER BY name;  
3
```

Team Name	Number of Players
Celtics	42
Jets	10
Rockets	25
Rovers	8

2. SELECT name AS "Team Name", number-of-players AS "Number of Players"  
FROM TEAMS ORDER BY number-of-players DESC;

```
1 ✓ SELECT name AS "Team Name", number_of_players AS "Number of Players"  
2 FROM TEAMS ORDER BY number_of_players DESC;  
3
```

Team Name	Number of Players
Celtics	42
Rockets	25
Jets	10
Rovers	8



3. SELECT name AS "Team Name", number\_of\_players AS "Number of Players"  
FROM TEAMS ORDER BY name DESC;

```
1 ✓ SELECT name AS "Team Name", number_of_players AS "Number of Players"  
2 FROM TEAMS ORDER BY name DESC;  
3
```

Team Name	Number of Players
Rovers	8
Rockets	25
Jets	10
Celtics	42

PART 6 :

Part 1 :

1. SELECT ROWNUM AS "Customer Number", first\_name || ' ' || last\_name AS  
"Customer Name"  
FROM (SELECT first\_name, last\_name FROM CUSTOMERS) WHERE ROWNUM < 4 ;

```
1 v SELECT ROWNUM AS "Customer Number", first_name || ' ' || last_name AS "Customer Name"  
2 FROM (SELECT first_name, last_name FROM CUSTOMERS) WHERE ROWNUM<4;  
3
```

Customer Number	Customer Name
1	Robert Thornberry
2	Jennifer Jones
3	John Doe

Part 2:

```
1. 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;
```