## WEEK 06

**SQL Statements:**

1. Create a following table named Customers and insert their corresponding values using SQL statement:

| CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|
| 1 | Maria Anders | Berlin | 22 | Germany |
| 2 | Antonio Greizmann | Paris | 20 | France |
| 3 | Antonio Moreno | México D.F. | 30 | Mexico |
| 4 | Frank Lampard | London | 46 | UK |
| 5 | Christina Berglund | Luleå | 15 | Spain |
| 6 | Hanna Moos | Berlin | 49 | Germany |
| 7 | Frédérique Citeaux | Strasbourg | 25 | France |
| 8 | Zlatan Sommer | Madrid | 27 | Spain |
| 9 | David Beckham | London | 37 | UK |
| 10 | Christiano Ronaldo | Lisbon | 30 | Portugal |

Ans:
Creating table for Customers

```
1 CREATE TABLE Customers (
2 CustomerId int (5) NOT NULL PRIMARY KEY,
3 CustomerName VARCHAR(45),
4 City VARCHAR (30),
5 Age int(4),
6 Country VARCHAR (45)
7    );
```

Inserting value for Customer

**Run SQL query/queries on database workshop6:**

```sql
1 INSERT INTO `customers`(`CustomerID`, `CustomerName`, `City`, `Age`, `Country`)
2 VALUES (1,'Maria Anders','Berlin',22,'Germany'),
3 (2,'Antonio Greizmann','Paris',20,'France'),
4 (3,'Antonio Moreno','Mexico D.F.',30,'Mexico'),
5 (4,'Frank Lampard','London',46,'UK'),
6 (5,'Christina Berglund','Luleå',15,'Spain'),
7 (6,'Hanna Moos','Berlin',49,'Germany'),
8 (7,'Frédérique Citeaux','Strasbourg',25,'France'),
9 (8,'Zlatan Sommer','Madrid',27,'Spain'),
10 (9,'David Beckham','London',37,'UK'),
11 (10,'Christiano Ronaldo','Lisbon',30,'Portugal');
12
```

2. Write a SQL statement to display all the customer details who lives in UK?

Ans:

```sql
1 SELECT * FROM `customers` WHERE Country='UK';
```

+ Options

| | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|
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3. Write a SQL statement to display the customer name and age who lives in country 'UK' and city 'London'?

Ans:

```sql
1 SELECT CustomerName, Age FROM `customers`
2 WHERE Country='UK' and City='London'
```

| CustomerName | Age |
|---|---|
| Frank Lampard | 46 |
| David Beckham | 37 |

4. Write a SQL statement to display the details of Customers whose age ranges from 20 to 50?

Ans:

Run SQL query/queries on table **workshop6.customers:**

```
1 SELECT * FROM `customers` WHERE Age BETWEEN 20 AND 50;
```

- Options

| | | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|---|
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| ☐ | ✎ Edit ⧉ Copy ⊖ Delete | 2 | Antonio Greizmann | Paris | 20 | France |
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5. Write a SQL statement to display the customer details who lives in Madrid, Berlin and London?

Ans:

```
1 SELECT * FROM `customers` WHERE Country='Spain' AND City='Madrid'
2 or Country='Germany' AND City='Berlin'
3 OR Country='UK' AND City='London';
```

+ Options

| | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|
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6. Write a SQL statement to display the customer's details who is not from Spain?

Ans:

```
1 SELECT * FROM `customers` WHERE Country <> 'Spain';
```

Options

| | | | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|---|---|
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7. Write a SQL statement to display the customer details where customer name starts with 'C'?

Ans:

Run SQL query/queries on table workshop6.customers: ⓧ

```sql
1 SELECT * FROM `customers` WHERE CustomerName LIKE 'C%';
```

☐ Show all | Number of rows: 25 ▼    Filter rows: Search this table    Sort by k

Options

| | | | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|---|---|
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8. Write a SQL statement to display the customer details who lives in UK and name ends with 'D'?

   Ans:

```sql
1 SELECT * FROM `customers` WHERE Country='UK' and CustomerName LIKE '%D'
```

Options

| | | | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|---|---|
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☐ Show all  | Number of rows:  25  ▼    Filter rows: Search this table

9. Update the 9th row to Lionel Messi, Buenos Aires, 29, Argentina?

   Ans:

```sql
1 UPDATE `customers` SET CustomerID=9,CustomerName='Lionel Messi',
2 City='Buenos Aires',
3 Age=29 ,Country='Argentina'
4 WHERE CustomerID=9;
```

| ←T→ | | | | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|---|---|---|
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10. Update all the customer name to 'Luis Enrique' where country is Spain?
Ans:

```
1 UPDATE `customers` SET CustomerName='Luis Enrique' WHERE Country='Spain';
```

| | | | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|---|---|
| ☐ | ✎ Edit ⌘ Copy | ⊖ Delete | 1 | Maria Anders | Berlin | 22 | Germany |
| ☐ | ✎ Edit ⌘ Copy | ⊖ Delete | 2 | Antonio Greizmann | Paris | 20 | France |
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| ☐ | ✎ Edit ⌘ Copy | ⊖ Delete | 5 | Luis Enrique | Luleå | 15 | Spain |
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11. Write a SQL statement to delete the customer record whose name is 'Hana Moos'?
    Ans:

```
1  DELETE FROM `customers` WHERE CustomerName='Hanna Moos';
```

| | | | | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|---|---|---|
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12. Write a SQL statement to delete all the customer records who lives in Germany?

Ans:

```
1  DELETE FROM `customers` WHERE Country='Germany';
```

| ←T→ | | | | CustomerID | CustomerName | City | Age | Country |
|---|---|---|---|---|---|---|---|---|
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