Aim : SQL UNION operation

CREATE TABLE:

CREATE TABLE EMP1(EMP_ID INTEGER(10), PRIMARY KEY, NAME VARCHAR(20), COUNTRY VARCHAR(20), AGE INTEGER(2), MOB INTEGER(10));

INSERT INTO ROWS OF TABLE :

INSERT INTO EMP1 VALUES(1, 'Subham', 'India', '23','738479734');

```
mysql> use dbms;
Database changed
mysql> CREATE TABLE Emp1(
    ->     EmpID INT PRIMARY KEY,
    ->     Name VARCHAR(50),
    ->     Country VARCHAR(50),
    ->     Age int(2),
    ->   mob int(10)
    -> );
Query OK, 0 rows affected, 2 warnings (0.17 sec)

mysql> INSERT INTO Emp1 values(1, 'Shubham',  'India','23','738479734');
Query OK, 1 row affected (0.11 sec)

mysql> INSERT INTO Emp1 values(2, 'Shubha',  'US','20','738479738');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Emp1 values(3, 'Sudha',  'Japan','19','738459737');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Emp1 values(4, 'Puja',  'Russia','15','737659837');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Emp1 values(5, 'Ratan',  'Paris','18','747859937');
Query OK, 1 row affected (0.02 sec)
```

CREATE TABLE:

CREATE TABLE EMP2(EMP_ID INTEGER(10), PRIMARY KEY, NAME VARCHAR(20), COUNTRY VARCHAR(20), AGE INTEGER(2), MOB INTEGER(10));

INSERT INTO ROWS OF TABLE :

INSERT INTO EMP2 VALUES(1, 'Tommy', 'England', '23','738479734');

```
mysql> CREATE TABLE Emp2(
    ->    EmpID INT PRIMARY KEY,
    ->    Name VARCHAR(50),
    ->    Country VARCHAR(50),
    ->    Age int(2),
    ->  mob int(10)
    -> );
Query OK, 0 rows affected, 2 warnings (0.58 sec)

mysql> INSERT INTO Emp2 values((1, 'Tommy',  'England','23','738985734');
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that
 corresponds to your MySQL server version for the right syntax to use near '' a
t line 1
mysql> INSERT INTO Emp2 values(1, 'Tommy',  'England','23','738985734');
Query OK, 1 row affected (0.13 sec)

mysql> INSERT INTO Emp2 values(1, 'Tommy',  'United Kingdom','22','737885634');
ERROR 1062 (23000): Duplicate entry '1' for key 'emp2.PRIMARY'
mysql> INSERT INTO Emp2 values(2, 'Tanny',  'United Kingdom','22','737885634');
Query OK, 1 row affected (0.02 sec)

mysql> INSERT INTO Emp2 values(3, 'Robert',  'Brazil','21','737685738');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Emp2 values(4, 'Robin',  'Austria','31','737685756');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO Emp2 values(5, 'Rohit',  'Nepal','30','737685586');
Query OK, 1 row affected (0.02 sec)
```

Union Query:

Select country from emp1 union select country from emp2 order by country;

```
mysql> SELECT Country FROM Emp1
    -> UNION
    -> SELECT Country FROM Emp2
    -> ORDER BY Country;
+----------------+
| Country        |
+----------------+
| Austria        |
| Brazil         |
| England        |
| India          |
| Japan          |
| Nepal          |
| Paris          |
| Russia         |
| United Kingdom |
| US             |
+----------------+
10 rows in set (0.13 sec)
```

Union all: select country from emp1 union all select country from emp2 order by country;

```
mysql> SELECT Country FROM Emp1
    -> UNION ALL
    -> SELECT Country FROM Emp2
    -> ORDER BY Country;
+----------------+
| Country        |
+----------------+
| Austria        |
| Brazil         |
| England        |
| India          |
| Japan          |
| Nepal          |
| Paris          |
| Russia         |
| United Kingdom |
| US             |
+----------------+
10 rows in set (0.07 sec)
```

Show the table:

Select *from emp1;

Select *from emp2;

```
mysql> select *from emp1;
+-------+---------+---------+------+------------+
| EmpID | Name    | Country | Age  | mob        |
+-------+---------+---------+------+------------+
|     1 | Shubham | India   |   23 | 738479734  |
|     2 | Shubha  | US      |   20 | 738479738  |
|     3 | Sudha   | Japan   |   19 | 738459737  |
|     4 | Puja    | Russia  |   15 | 737659837  |
|     5 | Ratan   | Paris   |   18 | 747859937  |
+-------+---------+---------+------+------------+
5 rows in set (0.45 sec)

mysql> select *from emp2;
+-------+--------+----------------+------+------------+
| EmpID | Name   | Country        | Age  | mob        |
+-------+--------+----------------+------+------------+
|     1 | Tommy  | England        |   23 | 738985734  |
|     2 | Tanny  | United Kingdom |   22 | 737885634  |
|     3 | Robert | Brazil         |   21 | 737685738  |
|     4 | Robin  | Austria        |   31 | 737685756  |
|     5 | Rohit  | Nepal          |   30 | 737685586  |
+-------+--------+----------------+------+------------+
5 rows in set (0.01 sec)
```

Query:

Select country , name from emp1 where name='sudha' union all select country name from emp2 where country= 'England' order by country;

```
mysql> select Country, Name from emp1 where name='Sudha' union all select Country
, name from emp2 where Country= 'England' order by Country;
+---------+-------+
| Country | Name  |
+---------+-------+
| England | Tommy |
| Japan   | Sudha |
+---------+-------+
2 rows in set (0.02 sec)
```