#### **Bugresistance Table Create:**

```
create table Bugresistance(
StudentID int(10),
StudentName Varchar(20),
City varchar(10)
);

insert into Bugresistance values(1, 'Samia', 'Dhaka')
insert into Bugresistance values(2, 'Sultana', 'Khulna')
insert into Bugresistance values(3, 'Tania', 'Cumilla')
insert into Bugresistance values(4, 'Subha', 'Kushtia')
insert into Bugresistance values(5, 'Sanjida', 'Chittagong')
insert into Bugresistance values(6, 'Sumaiya', 'Barishal')
insert into Bugresistance values(7, 'Sauda', 'Noakhali')
insert into Bugresistance values(8, 'Maliha', 'Rangpur')
insert into Bugresistance values(9, 'Adhora', 'Dinajpur')
insert into Bugresistance values(10, 'Sakila', 'Sylhet')
```

Select \* from Bugresistance

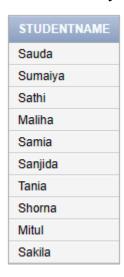
| STUDENTID | STUDENTNAME | СІТҮ       |
|-----------|-------------|------------|
| 1         | Samia       | Dhaka      |
| 2         | Sultana     | Khulna     |
| 3         | Tania       | Cumilla    |
| 4         | Subha       | Kushtia    |
| 5         | Sanjida     | Chittagong |
| 6         | Sumaiya     | Barishal   |
| 7         | Sauda       | Noakhali   |
| 8         | Maliha      | Rangpur    |
| 9         | Adhora      | Dinajpur   |
| 10        | Sakila      | Sylhet     |

### **University Table Create:**

```
create table University(
StudentName Varchar(20)
);
```

insert into University values('Sauda') insert into University values('Sathi') insert into University values('Maliha') insert into University values('Maliha') insert into University values('Samia' insert into University values('Sanjida') insert into University values('Tania') insert into University values('Shorna') insert into University values('Mitul') insert into University values('Sakila')

select \* from University



#### **INNER JOIN:**

SELECT Bugresistance.StudentId, University.StudentName, Bugresistance.City FROM Bugresistance

 $inner\ join\ University\ ON\ Bugresistance. StudentName = University. StudentName$ 

| STUDENTID | STUDENTNAME | СІТҮ       |
|-----------|-------------|------------|
| 1         | Samia       | Dhaka      |
| 3         | Tania       | Cumilla    |
| 5         | Sanjida     | Chittagong |
| 6         | Sumaiya     | Barishal   |
| 7         | Sauda       | Noakhali   |
| 8         | Maliha      | Rangpur    |
| 10        | Sakila      | Sylhet     |

#### **RIGHT JOIN:**

SELECT Bugresistance.StudentId, University.StudentName, Bugresistance.City FROM Bugresistance

right join University ON Bugresistance.StudentName = University.StudentName

| STUDENTID | STUDENTNAME | CITY       |
|-----------|-------------|------------|
| 1         | Samia       | Dhaka      |
| 3         | Tania       | Cumilla    |
| 5         | Sanjida     | Chittagong |
| 6         | Sumaiya     | Barishal   |
| 7         | Sauda       | Noakhali   |
| 8         | Maliha      | Rangpur    |
| 10        | Sakila      | Sylhet     |
| -         | Shorna      | -          |
| -         | Sathi       | -          |
| -         | Mitul       | -          |

# **LEFT JOIN:**

SELECT Bugresistance.StudentId, University.StudentName, Bugresistance.City FROM Bugresistance

 $left\ join\ University\ ON\ Bugresistance. StudentName = University. StudentName$ 

| STUDENTID | STUDENTNAME | СІТҮ       |
|-----------|-------------|------------|
| 1         | Samia       | Dhaka      |
| 2         | -           | Khulna     |
| 3         | Tania       | Cumilla    |
| 4         | -           | Kushtia    |
| 5         | Sanjida     | Chittagong |
| 6         | Sumaiya     | Barishal   |
| 7         | Sauda       | Noakhali   |
| 8         | Maliha      | Rangpur    |
| 9         | -           | Dinajpur   |
| 10        | Sakila      | Sylhet     |

## **FULL OUTER JOIN:**

SELECT Bugresistance.StudentId, University.StudentName, Bugresistance.City FROM Bugresistance

full outer join University ON Bugresistance.StudentName = University.StudentName

| STUDENTID | STUDENTNAME | СІТҮ       |
|-----------|-------------|------------|
| 1         | Samia       | Dhaka      |
| 2         | -           | Khulna     |
| 3         | Tania       | Cumilla    |
| 4         | -           | Kushtia    |
| 5         | Sanjida     | Chittagong |
| 6         | Sumaiya     | Barishal   |
| 7         | Sauda       | Noakhali   |
| 8         | Maliha      | Rangpur    |
| 9         | -           | Dinajpur   |
| 10        | Sakila      | Sylhet     |
| -         | Shorna      | -          |
| -         | Sathi       | -          |
| -         | Mitul       | -          |