

Create Bugresistance Table:

```
CREATE TABLE bugresistance(  
StudentID int,  
StudentName varchar(100),  
City varchar(100)  
);
```

Insert Data to Bugresistance Table:

```
INSERT INTO bugresistance(StudentID, StudentName, City) VALUES  
(101, 'Dibya', 'Tangail'),  
(102, 'Akash', 'Rajshahi'),  
(103, 'Payel', 'Dhaka'),  
(104, 'Omuk', 'Pabna'),  
(105, 'Tomuk', 'Noakhali'),  
(106, 'Mohoshi', 'Chattogram'),  
(107, 'James', 'New York'),  
(108, 'Soumya', 'Satkhira');
```

Output:

```
SELECT * FROM bugresistance;
```

| StudentID | StudentName | City |
|-----------|-------------|------------|
| 101 | Dibya | Tangail |
| 102 | Akash | Rajshahi |
| 103 | Payel | Dhaka |
| 104 | Omuk | Pabna |
| 105 | Tomuk | Noakhali |
| 106 | Mohoshi | Chattogram |
| 107 | James | New York |
| 108 | Soumya | Satkhira |

Create University Table:

```
CREATE TABLE university(  
StudentID int,  
StudentName varchar(100),  
);
```

Insert Data to University Table:

```
INSERT INTO university(StudentID, StudentName) VALUES
(101, 'Dibya'),
(102, 'Akash'),
(103, 'Payel'),
(104, 'Omuk'),
(105, 'Tomuk'),
(106, 'Litton'),
(107, 'Shakib');
```

Output:

```
SELECT * FROM university;
```

| StudentID | StudentName |
|-----------|-------------|
| 101 | Dibya |
| 102 | Akash |
| 103 | Payel |
| 104 | Omuk |
| 105 | Tomuk |
| 106 | Litton |
| 107 | Shakib |

INNER JOIN:

```
SELECT bugresistance.StudentID, university.StudentName,
bugresistance.City
FROM bugresistance INNER JOIN university
ON bugresistance.StudentName=university.StudentName;
```

Output:

| StudentID | StudentName | City |
|-----------|-------------|----------|
| 101 | Dibya | Tangail |
| 102 | Akash | Rajshahi |
| 103 | Payel | Dhaka |
| 104 | Omuk | Pabna |
| 105 | Tomuk | Noakhali |

Left Join:

```
SELECT bugresistance.StudentID, university.StudentName,  
Bugresistance.City  
FROM Bugresistance LEFT JOIN university ON  
bugresistance.StudentName=University.StudentName;
```

Output:

| StudentID | StudentName | City |
|-----------|-------------|------------|
| 101 | Dibya | Tangail |
| 102 | Akash | Rajshahi |
| 103 | Payel | Dhaka |
| 104 | Omuk | Pabna |
| 105 | Tomuk | Noakhali |
| 106 | NULL | Chattogram |
| 107 | NULL | New York |
| 108 | NULL | Satkhira |

Right Join:

```
SELECT bugresistance.StudentID, university.StudentName,  
Bugresistance.City  
FROM Bugresistance RIGHT JOIN university ON  
bugresistance.StudentName=University.StudentName;
```

Output:

| StudentID | StudentName | City |
|-----------|-------------|----------|
| 101 | Dibya | Tangail |
| 102 | Akash | Rajshahi |
| 103 | Payel | Dhaka |
| 104 | Omuk | Pabna |
| 105 | Tomuk | Noakhali |
| NULL | Litton | NULL |
| NULL | Shakib | NULL |

Full Outer Join:

```
SELECT bugresistance.StudentID, university.StudentName,  
Bugresistance.City  
FROM Bugresistance  
LEFT JOIN university ON  
bugresistance.StudentName=University.StudentName  
UNION  
SELECT bugresistance.StudentID, university.StudentName,  
bugresistance.City  
FROM bugresistance  
RIGHT JOIN university ON  
bugresistance.StudentName=university.StudentName;
```

Output:

| StudentID | StudentName | City |
|-----------|-------------|------------|
| 101 | Dibya | Tangail |
| 102 | Akash | Rajshahi |
| 103 | Payel | Dhaka |
| 104 | Omuk | Pabna |
| 105 | Tomuk | Noakhali |
| 106 | NULL | Chattogram |
| 107 | NULL | New York |
| 108 | NULL | Satkhira |
| NULL | Litton | NULL |
| NULL | Shakib | NULL |