

Create table

Create table university(StudentName VARCHAR(255) , UniversityName VARCHAR(255),
Department VARCHAR(255));

Insert table

```
INSERT INTO university (StudentName,UniversityName,Department)
VALUES ('Amelia','Bangladesh University of Professionals','Bangla'),
('Liam','Comilla University','English'),
('Emma','Islamic University, Bangladesh','Math'),
('Sophia','Jahangirnagar University','Chemistry'),
('Elijah','University of Chittagong','Biology'),
('Mateo','University of Rajshahi','physics');
```

StudentName	UniversityName	Department
Amelia	Bangladesh University of Professionals	Bangla
Liam	Comilla University	English
Emma	Islamic University, Bangladesh	Math
Sophia	Jahangirnagar University	Chemistry
Elijah	University of Chittagong	Biology
Mateo	University of Rajshahi	physics

Bugresistance table

```
CREATE TABLE Bugresistance (
StudentID INT PRIMARY KEY,
StudentName VARCHAR(100),
City VARCHAR(100),
ContactNo VARCHAR(15) REFERENCES University(StudentName)
);
```

Insert table

```
INSERT INTO Bugresistance (StudentID, StudentName, City, ContactNo)
VALUES (1, 'Amelia', 'Bangladesh', '123654789'),
(2, 'Liam', 'Comilla', '23657894'),
(3, 'Emma', 'Comilla', '345569982'),
(4, 'Sophia', 'London', '123650123'),
(5, 'Elijah', 'Chittagong', '5679025234');
```

<input type="checkbox"/>	Show all	Number of rows:	25	Filter rows:	Search
Extra options					
StudentID	StudentName	City	ContactNo		
1	Amelia	Bangladesh	123654789		
2	Liam	Comilla	23657894		
3	Emma	Comilla	345569982		
4	Sophia	London	123650123		
5	Elijah	Chittagong	5679025234		

Inner join

```
SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City FROM Bugresistance INNER
JOIN University ON Bugresistance.StudentName = University.StudentName;
```

ma	<input type="checkbox"/>	Show all	Number of rows:	25	Filter rows:	Search
Extra options						
StudentID	StudentName	City				
1	Amelia	Bangladesh				
2	Liam	Comilla				
3	Emma	Comilla				
4	Sophia	London				

Left join:

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

Extra options		
StudentID	StudentName	City
1	Amelia	Bangladesh
2	Liam	Comilla
3	Emma	Comilla
4	Sophia	London
5	NULL	Chittagong
<input type="checkbox"/> Show all Number of rows: 25 ▾ Filter rows: Se		

Right Join:

[SELECT](#) Bugresistance.StudentID, University.StudentName, Bugresistance.City FROM Bugresistance [RIGHT JOIN](#) University ON Bugresistance.StudentName = University.StudentName;

Extra options		
StudentID	StudentName	City
1	Amelia	Bangladesh
2	Liam	Comilla
3	Emma	Comilla
4	Sophia	London
NULL	Elijah	NULL
NULL	Mateo	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;
```

StudentID	StudentName	City
1	Amelia	Bangladesh
2	Liam	Comilla
3	Emma	Comilla
4	Sophia	London
5	NULL	Chittagong
NULL	Elijah	NULL
NULL	Mateo	NULL