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)

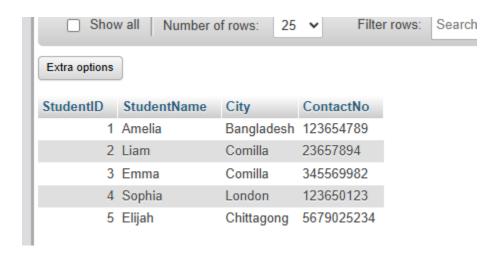
);

Insert table

INSERT INTO Bugresistance (StudentID, StudentName, City, ContactNo)

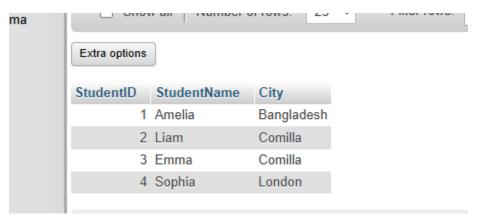
VALUES (1,' Amelia', ' Bangladesh', ' 123654789'),

- (2, 'Liam', 'Comilla ',' 23657894'),
- (3, 'Emma, 'Comilla', '345569982'),
- (4, 'Sophia', 'London', '123650123'),
- (5, 'Elijah', 'Chittagong', '5679025234');



Inner join

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



Left join:

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



Right Join:

<u>SELECT</u> Bugresistance.StudentID, University.StudentName, Bugresistance.City FROM Bugresistance <u>RIGHT</u> JOI N University ON Bugresistance.StudentName = University.StudentName;



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;

