

- Created Bugresistance Table And University Table
- Inserted values into the Table

Bugresistance Table

✓ Showing rows 0 - 9 (10 total, Query took 0.0010 seconds.)

```
SELECT * FROM `bugresistance`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▼ Filter rows:

Extra options

StudentID	StudentName	City	PostalCode	Income
101	Nishat	Dhaka	12404	120000
102	Alex	Cumilla	4000	10000
103	Rimi	Rajshahi	5000	30000
104	Nigar	Barishal	6000	40000
105	Nabila	Gazipur	7000	60000
106	Faiyaz	Chittagong	1200	50000
107	Jahid	Mymensingh	1400	70000
108	Ron	Sylhet	1600	12000
109	Ruhin	Rangpur	1100	31000
110	Nahid	Dinajpur	2200	41000

University Table

```
SELECT * FROM `university`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▼ Filter rows:

Extra options

StudentName	CGPA
Masud	4.00
Nishat	3.17
Rimi	3.17
Himi	3.71
Nigar	3.27
Nabila	3.44
Jahid	3.56
Rfsan	4.0
Ruhin	3.08
Nahid	3.92

INNER JOIN

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

✓ Showing rows 0 - 6 (7 total, Query took 0.0002 seconds.)

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

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☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

StudentID	StudentName	City
101	Nishat	Dhaka
103	Rimi	Rajshahi
104	Nigar	Barishal
105	Nabila	Gazipur
107	Jahid	Mymensingh
109	Ruhin	Rangpur
110	Nahid	Dinajpur

LEFT JOIN

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

✓ Showing rows 0 - 9 (10 total, Query took 0.0006 seconds.)

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

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☐ Show all | Number of rows: 25 ▼ Filter rows:

Extra options

StudentID	StudentName	City
101	Nishat	Dhaka
103	Rimi	Rajshahi
104	Nigar	Barishal
105	Nabila	Gazipur
107	Jahid	Mymensingh
109	Ruhin	Rangpur
110	Nahid	Dinajpur
102	NULL	Cumilla
106	NULL	Chittagong
108	NULL	Sylhet

RIGHT JOIN

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

✓ Showing rows 0 - 9 (10 total, Query took 0.0002 seconds.)

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

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: Filter rows:

Extra options

StudentID	CGPA	City
101	3.17	Dhaka
103	3.17	Rajshahi
104	3.27	Barishal
105	3.44	Gazipur
107	3.56	Mymensingh
109	3.08	Rangpur
110	3.92	Dinajpur
NULL	4.00	NULL
NULL	3.71	NULL
NULL	4.0	NULL

FULL OUTER JOIN

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

Error

SQL query: [Copy](#)

```
SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City
FROM Bugresistance
FULL OUTER JOIN University ON Bugresistance.StudentName=University.StudentName LIMIT 0, 25
```

MySQL said:

#1064 - You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'OUTER JOIN University ON Bugresistance.StudentName=University.StudentName LIM...' at line 3

AS the error occurred so the Alternate Way :

```
SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City
FROM Bugresistance
LEFT JOIN University
ON Bugresistance.StudentName = University.StudentName
UNION ALL
SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City
FROM Bugresistance
RIGHT JOIN University ON Bugresistance.StudentName = University.StudentName WHERE
Bugresistance.StudentName IS NULL;
```

```
SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City FROM Bugresistance LEFT JOIN University ON
Bugresistance.StudentName = University.StudentName UNION ALL SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City FROM
Bugresistance RIGHT JOIN University ON Bugresistance.StudentName = University.StudentName WHERE Bugresistance.StudentName IS NULL;
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 ▼ Filter rows:

Extra options

StudentID	StudentName	City
101	Nishat	Dhaka
103	Rimi	Rajshahi
104	Nigar	Barishal
105	Nabila	Gazipur
107	Jahid	Mymensingh
109	Ruhin	Rangpur
110	Nahid	Dinajpur
102	NULL	Cumilla
106	NULL	Chittagong
108	NULL	Sylhet
NULL	Masud	NULL
NULL	Himi	NULL
NULL	Rfsan	NULL

