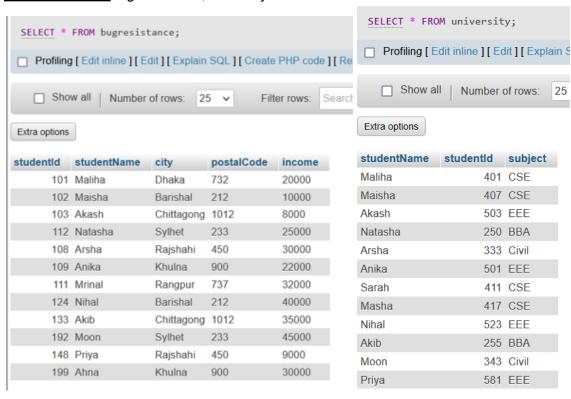
## **Database**

## Database Name: db

<u>Tables Name:</u> bugresistance, university.



**<u>Left Join:</u>**SELECT bugresistance.studentId, university.studentName,bugresistance.city FROM bugresistance LEFT JOIN university ON bugresistance.studentName=university.studentName;

studentName	city
Maliha	Dhaka
Maisha	Barishal
Akash	Chittagong
Natasha	Sylhet
Arsha	Rajshahi
Anika	Khulna
Nihal	Barishal
Akib	Chittagong
Moon	Sylhet
Priya	Rajshahi
NULL	Rangpur
NULL	Khulna
	Maliha Maisha Akash Natasha Arsha Anika Nihal Akib Moon Priya NULL

**<u>Right Join:</u>**SELECT bugresistance.studentId, university.studentName,bugresistance.city FROM bugresistance RIGHT JOIN university ON bugresistance.studentName=university.studentName;

studentid	studentName	city
101	Maliha	Dhaka
102	Maisha	Barishal
103	Akash	Chittagong
112	Natasha	Sylhet
108	Arsha	Rajshahi
109	Anika	Khulna
124	Nihal	Barishal
133	Akib	Chittagong
192	Moon	Sylhet
148	Priya	Rajshahi
NULL	Sarah	NULL
NULL	Masha	NULL

<u>Inner Join:</u>SELECT bugresistance.studentId, university.studentName,bugresistance.city FROM bugresistance INNER JOIN university ON bugresistance.studentName=university.studentName;

studentid	studentName	city
101	Maliha	Dhaka
102	Maisha	Barishal
103	Akash	Chittagong
112	Natasha	Sylhet
108	Arsha	Rajshahi
109	Anika	Khulna
124	Nihal	Barishal
133	Akib	Chittagong
192	Moon	Sylhet
148	Priya	Rajshahi

<u>Full Outer Join:</u>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 WHERE bugresistance.studentName IS NULL;

studentId	studentName	city
101	Maliha	Dhaka
102	Maisha	Barishal
103	Akash	Chittagong
112	Natasha	Sylhet
108	Arsha	Rajshahi
109	Anika	Khulna
124	Nihal	Barishal
133	Akib	Chittagong
192	Moon	Sylhet
148	Priya	Rajshahi
111	NULL	Rangpur
199	NULL	Khulna
NULL	Sarah	NULL
NULL	Masha	NULL