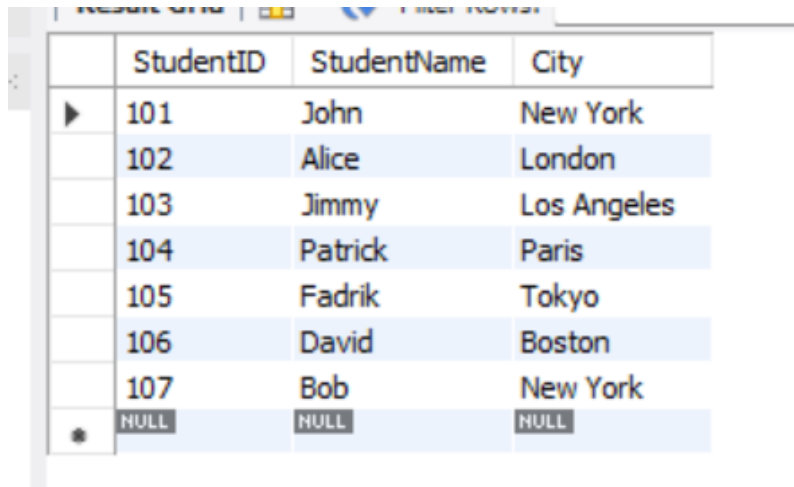


Bugresistance Table Create:

```
CREATE TABLE Bugresistance(  
    StudentID INT AUTO_INCREMENT PRIMARY KEY,  
    StudentName varchar(50),  
    City varchar(50)  
);
```

```
INSERT INTO Bugresistance(StudentID, StudentName, City)  
VALUES  
(101, 'John', 'New York'),  
(102, 'Alice', 'London'),  
(103, 'Jimmy', 'Los Angeles'),  
(104, 'Patrick', 'Paris'),  
(105, 'Fadrik', 'Tokyo'),  
(106, 'David', 'Boston'),  
(107, 'Bob', 'New York');
```

```
SELECT * FROM Bugresistance;
```



The screenshot shows a database query result for the Bugresistance table. The table has three columns: StudentID, StudentName, and City. The data is displayed in a grid with alternating light blue and white rows. The first seven rows contain the data inserted, and the eighth row shows NULL values for all three columns.

	StudentID	StudentName	City
▶	101	John	New York
	102	Alice	London
	103	Jimmy	Los Angeles
	104	Patrick	Paris
	105	Fadrik	Tokyo
	106	David	Boston
	107	Bob	New York
✱	NULL	NULL	NULL

University Table Create:

```
CREATE TABLE University(  
    DeptID varchar(50),  
    StudentName varchar(50),  
    Dept_name varchar(50)  
);
```

```
INSERT INTO University(DeptID, StudentName, Dept_name)
VALUES
```

```
('D1', 'Jimmy', 'CSE'),
```

```
('D2', 'Alice', 'EEE'),
```

```
('D3', 'Bob', 'ETE'),
```

```
('D4', 'Patrick', 'SWE');
```

```
SELECT * FROM University;
```

	DeptID	StudentName	Dept_name
▶	D1	John	CSE
	D2	Alice	EEE
	D3	Jimmy	ETE
	D4	Patrick	SWE
	D5	Bob	IT

INNER JOIN:

```
SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City
```

```
FROM Bugresistance
```

```
INNER JOIN University ON Bugresistance.StudentName=University.StudentName;
```

	StudentID	StudentName	City
▶	101	John	New York
	102	Alice	London
	103	Jimmy	Los Angeles
	104	Patrick	Paris
	107	Bob	New York

LEFT JOIN:

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

	StudentID	StudentName	City
▶	101	John	New York
	102	Alice	London
	103	Jimmy	Los Angeles
	104	Patrick	Paris
	105	NULL	Tokyo
	106	NULL	Boston
	107	Bob	New York

RIGHT JOIN:

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

	StudentID	StudentName	City
▶	101	John	New York
	102	Alice	London
	103	Jimmy	Los Angeles
	104	Patrick	Paris
	107	Bob	New York

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
▶	101	John	New York
	102	Alice	London
	103	Jimmy	Los Angeles
	104	Patrick	Paris
	105	NULL	Tokyo
	106	NULL	Boston
	107	Bob	New York