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| **Create Database:**  -- Switch to the master database to create a new database  USE master;  -- Drop BugResistance database if exists  DROP DATABASE IF EXISTS BugResistance  GO  -- Create a new database named BugResistance  CREATE DATABASE BugResistance;  GO  -- Switch to the newly created database  USE BugResistance;  GO |

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| **Create Tables:**  -- create a new table called Bugresistance  CREATE TABLE Bugresistance (  StudentID int,  StudentName varchar(255),  City varchar(255),  PostalCode varchar(255),  INCOME varchar(255)  );  -- insert values to the table INSERT INTO Bugresistance (StudentID, StudentName, City, PostalCode, INCOME)  VALUES  (1, 'Akash', 'Dhaka', '1204', '250000'),  (2, 'Hossain', 'Rashahi', '1245', '200000'),  (3, 'Asmaul', 'Rashahi', '1245', '200000'),  (4, 'John', 'NYC', '1249', '210000'),  (5, 'Wick', 'California', '1279', '250000');  -- create a new table called University  CREATE TABLE University(  DeptID varchar(50),  StudentName varchar(50)  );  -- insert values to the table  INSERT INTO University(DeptID, StudentName)  VALUES  ('1', 'Akash'),  ('2', 'Hossain'),  ('3', 'Asmaul'),  ('4', 'IronMan'),  ('5', 'BogyMan'),  ('6', 'SpiderMan'),  ('7', 'John'); |

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| **Showing Tables:**  -- Showing the table 1  SELECT \* FROM Bugresistance;    -- Showing the table 2  SELECT \* FROM University; |

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| **Inner Join:**  SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City, University.DeptID, Bugresistance.INCOME  FROM Bugresistance  INNER JOIN University ON Bugresistance.StudentName=University.StudentName; |

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| **Left Join:**  SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City  FROM Bugresistance  LEFT JOIN University ON Bugresistance.StudentName=University.StudentName;  -- Shows all info from **LEFT** table (**Bugregistance**) |

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| **Right Join:**  SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City, University.DeptID, Bugresistance.INCOME  FROM Bugresistance  RIGHT JOIN University ON Bugresistance.StudentName=University.StudentName;  -- Shows all info from **RIGHT** table (**UNIVERSITY**) |

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| **Full Outer Join:**  SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City, University.DeptID, Bugresistance.StudentName  FROM Bugresistance  FULL OUTER JOIN University ON Bugresistance.StudentName=University.StudentName; |