CREATE TABLE Departments(dept\_id INT PRIMARY KEY,dept\_name VARCHAR(50));

CREATE TABLE Employees(emp\_id INT PRIMARY KEY,name VARCHAR(100),dept\_id INT,FOREIGN KEY (dept\_id) REFERENCES Departments(dept\_id));

INSERT INTO Departments VALUES(101, 'IT'),(102, 'HR'),(103, 'Finance'),(104, 'Marketing');

INSERT INTO Employees VALUES(1, 'Ravi', 101),(2, 'Priya', 102),(3, 'Karan', 101),(4, 'Anjali', 103),(5, 'Manish', 104);

SELECT \* FROM Employees;

SELECT \* FROM Departments;

alter table Departments rename column dept\_id to id ;

1. select emp\_id,name,dept\_name from Employees inner join Departments on Employees.dept\_id=Departments.id where Departments.dept\_name='IT';
2. select emp\_id,name from Employees left join Departments on Employees.emp\_id=Departments.id where Employees.emp\_id=5;
3. select dept\_id,dept\_name from Employees right join Departments on Employees.dept\_id=Departments.id where Employees.Dept\_id=104;
4. select name,dept\_name from Employees right join Departments on Employees.dept\_id=Departments.id union select name,dept\_name from Employees right join Departments on Employees.dept\_id=Departments.id ;
5. select name ,dept\_name from Employees cross join Departments;