**-- create table employee**

CREATE TABLE employee (

Emp\_Id INTEGER PRIMARY KEY,

Name VARCHAR(15) NOT NULL,

Department TEXT NOT NULL,

Grade INT NOT NULL,

Salary INT,

Gender TEXT

);

INSERT INTO employee (Emp\_Id, Name, Department, Grade, Salary, Gender)

VALUES (1,'Robert', 'Computer Science', 100, 100000, 'M');

INSERT INTO employee (Emp\_Id, Name, Department, Grade, Salary, Gender)

VALUES (2,'Ram', 'Information Technology', 101, 134000, 'M');

INSERT INTO employee (Emp\_Id, Name, Department, Grade, Salary, Gender)

VALUES (3,'Alex', 'Computer Science', 200, 123456, 'M');

INSERT INTO employee (Emp\_Id, Name, Department, Grade, Salary, Gender)

VALUES (4,'Radha', 'Information Technology', 201, 23456, 'F');

INSERT INTO employee (Emp\_Id, Name, Department, Grade, Salary, Gender)

VALUES (5,'Santhi', 'Civil', 300, 234567, 'F');

INSERT INTO employee (Emp\_Id, Name, Department, Grade, Salary, Gender)

VALUES (6,'Madhavi', 'BioTech', 301, 234567, 'F');

**-- create table employee**

CREATE TABLE student (

Student\_Id INTEGER PRIMARY KEY,

Class\_Teacher\_Employee\_Id INTEGER,

Subject1 TEXT Not Null,

Subject2 TEXT Not Null,

Subject3 TEXT Not Null

);

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (1,1,'P', 'P','F');

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (2,1,'P', 'F','P');

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (3,2,'P', 'P','P');

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (4,3,'F', 'F','F');

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (5,4,'P', 'P','P');

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (6,5,'P', 'P','F');

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (7,4,'P', 'P','P');

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (8,5,'P', 'P','P');

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (9,4,'P', 'P','P');

INSERT INTO student(Student\_Id, Class\_Teacher\_Employee\_Id, Subject1, Subject2, Subject3)

VALUES (10,3,'F', 'F','F');

SELECT \* FROM student

-- sp\_help EMPLOYEE;

**Query Solutions:**

1. SELECT Name FROM employee WHERE Grade > 200;
2. SELECT Department FROM employee WHERE Gender = 'M';
3. SELECT \* FROM employee ORDER BY Salary DESC limit 1,1;
4. SELECT \* FROM employee

WHERE

NOT EXISTS (SELECT \* FROM student WHERE student.Class\_Teacher\_Employee\_Id=employee.Emp\_Id);

1. SELECT \* FROM student WHERE Subject1='P' AND Subject2='P' AND Subject3='P';

6. SELECT employee.Emp\_Id,employee.Name,employee.Department,employee.Grade,employee.Gender FROM employee

JOIN student ON student.Class\_Teacher\_Employee\_Id=employee.Emp\_Id

WHERE (student.Subject1='P') AND (student.Subject2='P') AND (student.Subject3='p');