

**From the above given tables perform the following queries:**

1. Display Name of Student who belongs to either Semester 3 or 5. (Use IN & OR)

Using IN:

```
SELECT Name FROM Student  
WHERE Sem IN(3,5)
```

Using OR:

```
SELECT Name FROM Student  
WHERE Sem=3 OR Sem=5
```

2. Find Student Name & Enrollment No in which Student Id between 103 to 105.

```
SELECT Name, EnrollmentNo FROM Student  
WHERE StuID > 103 AND StuID<105
```

3. Find Student Name & Enrollment No with their Email Who belongs to 5th Semester.

```
SELECT Name, EnrollmentNo, Email FROM Student  
WHERE Sem=5
```

4. Display All the Details of first three Students.

```
SELECT TOP 3 * FROM Student
```

5. Display Name & Enrollment no of first 30% Students who's contact number ends with 7.

```
SELECT TOP 30 percent Name, EnrollmentNo FROM Student  
WHERE ContactNo LIKE '%7'
```

6. Display Unique Semesters.

```
SELECT DISTINCT Sem FROM Student
```

7. Retrieve All the Students who have no Enrollment.

```
SELECT * FROM Student  
WHERE EnrollmentNo is null
```

8. Find All Students whose Name does not start with 'V'.

```
SELECT Name FROM Student  
WHERE Name not LIKE 'v%'
```

9. Find All Students in which Email Contains '3@G' & Only Six Characters.

```
SELECT Name FROM Student  
WHERE Email LIKE '%3@G%'  
AND Email LIKE '_____'
```

10. Find Out All the Students whose First Name Starts with F AND third character must be R.

```
SELECT Name FROM Student  
WHERE Name LIKE 'F_R%'
```

11. Find All the Student Details whose Contact No contains 877.

```
SELECT * FROM Student  
WHERE ContactNo LIKE '%877%'
```

12. Display Student Name in Which Student belongs to Semester 3 & Contact Number Does Not contains 8 & 9.

```
SELECT Name FROM Student  
WHERE Sem=3  
AND ContactNo NOT LIKE '%8%' AND ContactNo NOT LIKE '%9%'
```

13. Find Students who born after date 01-01-1990.

```
SELECT * FROM Student  
WHERE BirthDate > '1990-01-01'
```

14. Update Division to BCX-5 & Semester 5 whose Student Id Is 102.

```
UPDATE Student set Division='BCX-5', Sem=5  
WHERE StuID=102
```

15. Change the Student's Name to Firoz Sherasiya in which Email is Firoz.Me@Gmail.Com & Contact No is 8885999922.

```
UPDATE Student set Name='Firoz Sherasiya'  
WHERE Email='Firoz.Me@Gmail.Com'  
AND ContactNo='8885999922'
```

16. Add one more Column City Varchar (50) in Student Table.

```
ALTER table Student add City varchar(50)
```

17. Remove All BCX-3 Division Students.

```
DELETE FROM Student WHERE Division='BCX-3'
```

18. Change Column Name Email to EmailAddress.

```
SP_Rename 'Student.Email', 'EmailAddress'
```

19. Remove All the Data from Student Table Using Truncate.

```
TRUNCATE table Student
```

20. Write an SQL query to clone a new table Student\_New from Student table with all data.

```
SELECT * into Student_new FROM Student
```