

q1. retrieve name of student enrolled in any society

```
select studentName
```

```
from student,society,enrollment
```

```
where socid=sid and student.rollno=enrollment.rollno;
```

q2. Reterive all society name

```
select socname
```

```
from society;
```

q3.reteriev student name starting with the letter 'A'

```
select studentname
```

```
from student
```

```
where studentname like "A%";
```

q4.reterive student details studying in course 'computer science'

```
select *
```

```
from student
```

```
where course="computer science" of course="cs";
```

q5.reteruve student name whose rollno either start with x or z and ends with '9'

```
select studentname
```

```
form student
```

```
where rollno like "x__9" or rollno like "z__9";
```

q7.update society table for the mentor name of a specificsociety

```
update society
```

```
set mentorname="*****"
```

```
where socname="*****"
```

q8.find society name in which more than 5 student have enrolled

```
select socname
```

```
from enrollment,society
```

```
where sid=socid
```

```
group by socname
```

```
having count(rollno)>=2;
```

```
select s.socname
from society as s
join enrollment as e on s.socid=e.sid
group by s.socname
having count(e.rollno)>5;
```

q9 find the name of youngest student enrolled in society 'nss'

```
select studentname
from student,society
where socname='nss'
order by dob desc
limit 1;
```

q10.find the name of the most popular societ(the basis of enrolled seats)

```
select s.socname
from society s
join enrollment e on s.socid=e.sid
group by s.socname
order by count(e.rollno) desc
limit1;
```

q12.find the name of student who are not enrolled in any society

```
select studentname
from student
where rollno NOT IN(select rollno
form enrolment);
```

q13.find srudent name enrolled in at least two society

```
select studentname
form student
where rollno IN(select rollno
from enrollment
group by rollno
having count(sid)>=2);
```

.....

q14.find society name in which maximum students are enrolled

```
select socname
from society
where socid IN( select sid
from enrolment
group by sid
order by count(rollno) desc
limit 1);
```

.....

q15.find the name of all student who have enrolled in any society and society name in which at least one student has enrolled

```
select distinct s.studnetname,soc.name
from student s,society soc,enrolment e
where s.rollno=e.rollno
and e.sid=soc.scoid;
```

.....

q16.find the name of student who are enrolled in any society of the three societies 'debating','dancing','sashakt')

```
select s.student
from student s
where s.rollno IN(select e.rollno
from enrollment e
join society soc on e.sid=soc.scoid
where soc.socname IN('debating','dancing','sashakt'));
```

.....

q17.find the society name in which the number of enrolled students is only 10% of the capacity

```
select socname
from society
where socid IN(
select sid from enrolment
group by sid
having count(rollno)=(select totalseats*0.1
from society
```

where socid=sid);

.....

q18.display the vacant seat of each society

SELECT socname, totalseats - (SELECT COUNT(rollno) FROM enrollment WHERE
enrollment.sid = society.socid) AS vacant_seats

FROM society;

.....

Q19.increment totalseats of each society by 10%

Update society

Set totalseats=totalseats*1.1

.....

Q20. Find the total number of students whose age is > 20 years

select count(*) as total_students

from student

where timestampdiff(year,dob,curdate())>20;

.....

q21. Find names of students who were born in 2001 and are enrolled in at least one society

select s.studentname,soc.socname

from student s,enrollment e,society soc

where dob like "2001%"

and soc.socid=e.sid

and e.rollno=s.rollno;

.....

q.22 count all societies whose name starts with “s” and ends with ‘t’ and at least 5 students are enrolled in the society

select s.socname

from society s

join enrollment e on s.socid=e.sid

and s.socname like "c%t"

group by s.socname

having count(e.rollno)>=5;