**DBMS**

Tathagat Banerjee

17bce7100

1. Display the specialization of all the students.

/\*SELECT distinct specialization FROM database1.student;

\*/

1. For every student, display his name and the codes for all the courses he has enrolled in.

/\*

select s.name , e.code from database1.student as s join database1.enroll as e

where s.s\_id = e.s\_id\*/

1. Display the sessions for all courses enrolled in by Nikhil.

/\*

select l.Session from database1.student as s join database1.enroll as e join database1.lecture as l

where s.s\_id = e.s\_id

and e.code =l.code

and s.name ='Nikhil'

\*/

1. Display the names and specializations of all students who did not enrol in any subject.

/\*

select name , specialization from database1.student where s\_id not in(select distinct s\_id from database1.enroll)

\*/

1. Names of 3 oldest

/\*

select name from database1.student order by Age DESC

limit 3

\*/

1. Student with at least 1 elective common

/\*

select se.name , re.name from database1.enroll e join database1.enroll s join database1.student se join database1.student re

where e.s\_id = se.s\_id

and s.s\_id = re.s\_id

and e.code =s.code

and e.Satus = 'Elective'

and s.Satus ='Elective'

and e.s\_id != s.s\_id

\*/

1. Studens with maximum electives

/\*

select distinct s\_id,count(\*) from database1.enroll

where Satus ='Elective'

group by s\_id

order by count(\*) desc

limit 1

\*/