* Display the specialization of all the students.

CODE: SELECT DISTINCT specialization FROM Student;

OUTPUT:

SPECIALIZATION

ELECTRONICS

MATHEMATICS

ECONOMICS

BUSINESS ADMINSTRATION

COMPUTER SCIENCE

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

CODE: SELECT Student.name,Enroll.code FROM Student,Enroll WHERE Student.s\_id = Enroll.s\_id;

OUTPUT:

NAME CODE

AMIT ECO

SUHAS ECE

RAHAN ECO

RAHAN COMP

NIKHIL ECE

NIKHIL MATH

NIKHIL COMP

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

CODE: SELECT DISTINCT Lecture.sessions FROM Student NATURAL JOIN Enroll NATURAL JOIN Lecture WHERE Student.name = 'NIKHIL';

OUTPUT:

SESSIONS

AN

FN

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

CODE: SELECT name, specialization FROM Student WHERE s\_id NOT IN(SELECT s\_id FROM Enroll);

OUTPUT:

NAME SPECIALIZATION

RAKESH COMPUTER SCIENCE

RASHMI BUSINESS ADMINSTRATION

* List the names of all the three most eldest students.

CODE:SELECT name FROM Student WHERE age > = (SELECT max(age) FROM Student WHERE age <(SELECT max(age) FROM Student WHERE age <(SELECT max(age) FROM Student)));

OUTPUT:

NAME

AMIT

RAHAN

RASHMI

* List the names of the students who have atleast one Common elective among them.

CODE: SELECT name FROM Student AS S1 ,Enroll AS E1 ,Enroll AS E2,Student AS S2 WHERE S1.s\_id = E1.s\_id AND S2.s\_id = E2.s\_id AND S1.s\_id != S2.s\_id AND E1.code = 'ELECTIVE' AND E2.code = 'ELECTIVE';

OUTPUT:

NULL

* Select s\_id of student having maximum no of electives.

CODE: SELECT DISTINCT s\_id,count(\*) FROM Enroll WHERE status = 'ELECTIVE' GROUP BY s\_id ORDER BY count(\*) DESC LIMIT 1;

OUTPUT:

S\_ID COUNT(\*)

40 2