Oprea Sergiu-Daniel, Gr. 30322, Lab5

a.

SELECT Students.Name,Students.Surname

FROM Students INNER JOIN Marks ON Stud\_Id=Student\_Id

JOIN Teachers ON Marks.Teacher\_Id=Teachers.Teacher\_Id

WHERE Teachers.Name ='Popovici'

b.

SELECT Students.Name,Students.Surname

FROM Students WHERE Stud\_Id

IN(SELECT Student\_Id From Marks WHERE

Mark > (SELECT Mark FROM Marks JOIN Disciplines on Disc\_Id=Discipline\_Id

JOIN Students ON Stud\_Id=Student\_Id

WHERE Disc\_name='Databases' AND Students.Name='Popescu' AND Students.Surname='Ion'))

c.

SELECT TOP (3) Students.Name,Students.Surname,Gr\_name,Mark,Disc\_name

FROM Students JOIN Groups ON Gr\_Id=Group\_Id JOIN Marks ON Stud\_Id=Student\_Id JOIN Disciplines ON Disc\_Id=Discipline\_Id

WHERE Mark IN(SELECT Mark FROM Marks

WHERE Disc\_name='Computer programming' )ORDER BY Mark DESC

d.

SELECT Students.Name,Students.Surname ,AVG(Mark) FROM Students JOIN Marks ON Stud\_Id=Student\_Id JOIN Groups ON Gr\_Id=Group\_Id

WHERE Gr\_name='30322' GROUP BY Students.Name,Students.Surname

e.

SELECT Gr\_Name,Group\_Description ,COUNT(Stud\_Id) FROM Students JOIN Groups ON Gr\_Id=Group\_Id

GROUP BY Gr\_name,Group\_Description

f.

SELECT Students.Name,Students.Surname, COUNT(Disc\_Id) FROM Students LEFT JOIN Marks ON Student\_Id=Stud\_Id

GROUP BY Students.Name,Students.Surname

g.

SELECT Teachers.Surname,Teachers.Name FROM Teachers JOIN TeachersDisciplines ONTeachersDiscplines.Teach\_Id=Teachers.Teacher\_Id JOIN Disciplines ON TeachersDisciplines.Disc\_Id=Disciplines.Discipline\_Id

WHERE Teachers.Teacher\_Id IN(SELECT TeachersDisciplines.Teach.Id FROM TeachersDisciplines WHERE Disc\_name='Databases' ) AND

Teachers.Teacher\_Id IN(SELECT TeachersDisciplines.Teach.Id FROM TeachersDisciplines JOIN Disciplines ON TeachersDisciplines.Disc\_Id=Disciplines.Discipline\_Id WHERE Disc\_name='Computer Programming')

h.

SELECT Students.Name, Students.Surname, Gr\_name FROM Students JOIN Groups ON Group\_Id=Gr\_Id

WHERE Stud\_Id NOT IN ( SELECT Student\_Id FROM Marks JOIN Disciplines ON Disc\_Id = Discipline\_Id WHERE Disc\_name = 'Databases')