MARIA AMREEN

QUESTION : 1

 i:

SELECT MAX(S.age)

FROM Student S

WHERE S.snum IN (

SELECT E.snum

FROM Class C, Enrolled E, Faculty F

WHERE E.cname = C.name AND C.fid = F.fid

AND F.fname = 'Ivana Teach'

)

ii:

SELECT DISTINCT S.sname

FROM student S

WHERE S.snum IN (SELECT E1.snum

       FROM enrolled E1,enrolled E2,class C1,class C2

       WHERE E1.snum=E2.snum AND E1.cname<>E2.cname

       AND E1.cname=C1.cname

       AND E2.cname=C2.name AND C1.meets_at=C2.meets_at)

iii:

SELECT Student.*
 FROM
   (
   SELECT Student.*
     , Student_Class.Class_ID
    FROM Student LEFT JOIN Student_Class ON Student.Student_ID = Student_Class.Student_ID
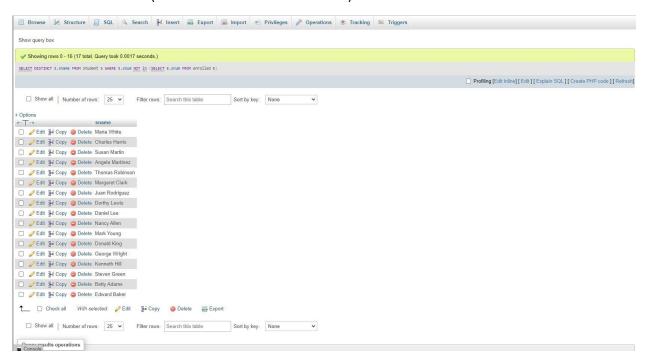   WHERE ((Student_Class.Class_ID <> 3) OR (Student_Class.Class_ID IS NULL))

) Student LEFT JOIN Class ON Student.Class_ID = Class.Class_ID

;

iv:

SELECT DISTINCT S.sname

FROM student S

WHERE S.snum NOT in (SELECT E.snum FROM enrolled E)

QUES 2:

I:

SELECT   S.sname

FROM   Suppliers S

WHERE S.sid NOT IN (SELECT C.sid

            FROM Catalog C

WHERE C.pid NOT IN (SELECT P.pid

FROM Parts P

WHERE P.color<>'blue'))