CPSC 2221 – Lab 6
Due: Nov 05 2022 @ 11.59PM (D2L)
Marks: 30

Assume we implemented the following mini-database

Student	
SID	SNAME
1003	Eshaan Barry
1000	Chinmaya Mahapatra
1005	Jack Lei
1001	Iris Chang
1002	Jocelyn Bowes
1004	Jagmeet Singh
1006	Rodrigo Ferrara

Std_Enrolls_Sec			
SID	CID	SECID	GRADE
1002	1045	2	0
1000	1045	1	0
1002	1045	1	70
1000	1030	1	95
1000	1480	3	97
1000	1480	2	75
1000	1050	1	98
1002	1050	1	90
1002	1280	2	45
1002	1480	3	72
1003	1045	4	65
1003	1480	3	79
1001	1030	1	75
1001	1280	2	40
1000	1045	2	0
1000	1045	3	90
1000	1045	4	90
1000	1045	5	95
1000	1030	2	95
1000	1480	1	99
1000	1280	1	75
1001	1045	3	75
1000	1280	2	100

Course	
CID	CNAME
1480	Networking
2221	Database Systems
1045	Web Programming
1050	Intro to Computers
1030	Web Development
1280	Linux Systems

CID	SECID	STYPE
1030	1	Reg
1030	2	Reg
1045	1	WWW
1045	2	WWW
1045	3	WWW
1045	4	WWW
1045	5	Reg
1050	1	WWW
1280	1	WWW
1280	2	Reg
1480	1	WWW
1480	2	WWW
1480	3	WWW

COURSE (C)

CID

CName

STUDENT (S)

SID

SName

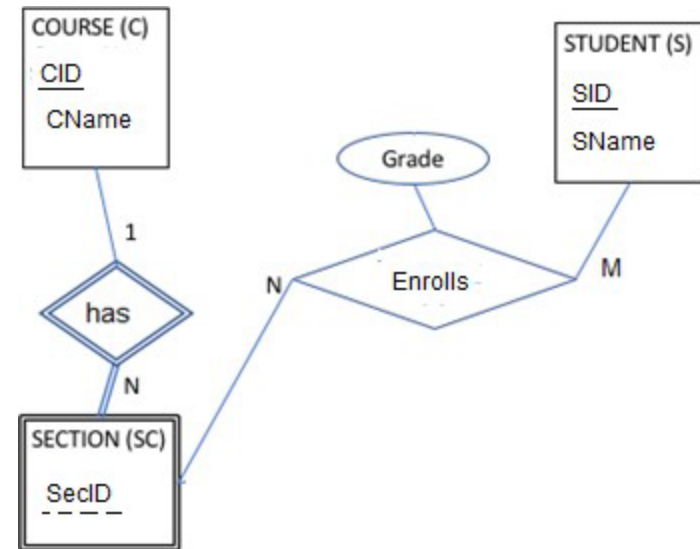Grade

1

N   Enrolls   M

has

N

SECTION (SC)

SecID

Relational database schema is:

Student (SID, SName)

Course (CID, CName)

Course_Section (**CID**, SecID, SType)

Std_Enrolles_Sec (**SID, (CID, SecID)**, Grade)

Each Question needs to have a Query in text format and a screenshot of the solution.

Tables is to created and Data either needs to be inserted or imported after creating CSV file (your choice). Without this, the solution to the queries with the screenshots is impossible.

Q1: Display the name of students who enrolled in at least one section.

Q2: Retrieve Course ID, section ID, and Section Type of the sections that have been enrolled by at least one student

Q3: Display CIS, SecID, and SType of all sections (no matter if a student has enrolled in that section or not) and the name of students who enrolled in that section.

Q4: Display the name of all students (no matter if they have enrolled in any section) and the section number of all sections that they have enrolled.

Q5: Display the name of all students and all sections they have enrolled (no matter if a student has enrolled in any section and no matter if a section was enrolled by any student)

Q6: Display the name of student who have not enrolled in any section?

Q7: Display the name of section which has not be enrolled by any student?

Q8: Retrieve the name of student and number of sections that they have enrolled

Q9: Retrieve the name of students who have taken all courses

Q10: Retrieve the CID of courses and the number of students who enrolled in those sections

Q11: retrieve the name of students who are classmates with 'Chinmaya Mahapatra' in all sections that he has enrolled.

Q12: Retrieve the name of all students who enrolled in 1045-001