Assignment_2_Question_2

Solution-

```
import mysql.connector
conn = mysql.connector.connect(host='localhost', password='Aby@0210',
user='root', database = "db_1")
mycursor=conn.cursor()

Table_1="""
create table if not exists Student( StudentID int PRIMARY KEY,
Name varchar(255), Email varchar(255), Phone varchar(255), Address text
) """

Table_2="""
create table if not exists Course( CourseID int PRIMARY KEY, CourseName
varchar(255), Credits int
) """

Table_3="""
create table if not exists Exam( ExamID int PRIMARY KEY, ExamDate Date,
ExamTime Time, Location varchar(255)
) """

Table_4="""
create table if not exists Faculty( FacultyID int PRIMARY KEY,
Name varchar(255), Email varchar(255), Phone varchar(20), Department
varchar(255)
) """

Table_5="""
create table if not exists Enrollment( EnrollmentID int PRIMARY KEY,
StudentID int,
CourseID int, EnrollmentDate date,
Foreign key(StudentID) references Student(StudentID), Foreign
key(CourseID) references Course(CourseID)
) """

Table_6="""
create table if not exists Teaching( TeachingID int PRIMARY KEY,
FacultyID int,
CourseID int,
Foreign key(FacultyID) references Faculty(FacultyID), Foreign
key(CourseID) references Course(CourseID)
) """

Table_7="""
create table if not exists ExamRegistration( RegistrationID int PRIMARY
KEY, StudentID int,
ExamID int, RegistrationDate Date,
Foreign key(StudentID) references Student(StudentID), Foreign key(ExamID)
references Exam(ExamID)
) """

Table_8="""
create table if not exists ExamResults( ResultID int PRIMARY KEY,
StudentID int, ExamID int,
Score Decimal(5,2),
```

```
Foreign key(StudentID) references Student(StudentID), Foreign key(ExamID)
references Exam(ExamID)
) """

mycursor.execute(Table_1) mycursor.execute(Table_2)
mycursor.execute(Table_3) mycursor.execute(Table_4)
mycursor.execute(Table_5) mycursor.execute(Table_6)
mycursor.execute(Table_7) mycursor.execute(Table_8)
conn.commit()
conn.close()
```