```sql
--6-12
CREATE SCHEMA IF NOT EXISTS School;

CREATE TABLE IF NOT EXISTS Departments (DeptCode CHAR(2) PRIMARY KEY
                                        ,DeptName VARCHAR(255)
);

CREATE TABLE IF NOT EXISTS Course (CourseNumber INT PRIMARY KEY
                        ,CourseName VARCHAR(255)
                        ,DeptCode CHAR(2) REFERENCES Departments(DeptCode));

CREATE TABLE IF NOT EXISTS Instructor (InstructorID INT PRIMARY KEY
                                        ,InstructorName VARCHAR(255));

CREATE TABLE IF NOT EXISTS SECTIONS (SectionID INT PRIMARY KEY
                                    ,CourseNumber INT REFERENCES Course(CourseNumber)
                                    ,InstructorID INT REFERENCES
Instructor(InstructorID)
                                    ,Semester VARCHAR(10)
                                    ,Year INT
                                    ,EnrollmentCount INT);

CREATE TABLE IF NOT EXISTS Student (StudentID INT PRIMARY KEY
                                    ,StudentName VARCHAR(255)
                                    ,Class INT
                                    ,Major VARCHAR(255));

CREATE TABLE IF NOT EXISTS Enrollment (EnrollmentID INT PRIMARY KEY
                                        ,StudentID INT REFERENCES Student(StudentID)
                                        ,SectionID INT REFERENCES SECTIONS(SectionID)
                                        ,Grade VARCHAR(2));

CREATE TABLE IF NOT EXISTS Transcript (TranscriptID INT PRIMARY KEY
                                        ,StudentID INT REFERENCES Student(StudentID)
                                        ,CourseNumber INT REFERENCES
Course(CourseNumber)
                                        ,CreditHours INT
                                        ,Semester VARCHAR(10)
                                        ,Year INT
                                        ,Grade VARCHAR(2));

--6-12-a
SELECT CourseName
FROM Course
WHERE DeptCode = 'cs';

--6-12-b
SELECT C.CourseName, I.InstructorName
FROM Course C
INNER JOIN SECTIONS S ON C.CourseNumber = S.CourseNumber
INNER JOIN Instructor I ON S.InstructorID = I.InstructorID
WHERE S.Semester = 'Fall' AND S.Year = 2008;

--6-12-c
SELECT S.CourseNumber, S.Semester, S.Year, S.EnrollmentCount
FROM SECTIONS S
INNER JOIN Instructor I ON S.InstructorID = I.InstructorID
WHERE I.InstructorName = 'Professor Anderson';
```

```sql
--6-12-d
SELECT S.StudentName, T.CourseName, T.CourseNumber, T.CreditHours, T.Semester,
T.Year, T.Grade
FROM Student S
INNER JOIN Transcript T ON S.StudentID = T.StudentID
WHERE S.Class = 1 AND S.Major = 'MATH';

--6-13-a
INSERT INTO COURSE(Course_name, Course_number, Credit_hours, Departments)
VALUES ('Financial Accounting', 'fac4390',5,'BUSINESS')

--6-13-b
INSERT INTO SECTIONS (Section_identifier, Course_number, Semester, Year,
Instructor)
VALUES (145, 'fac4390', 'Fall', '17', 'Hanif')

--6-13-c
INSERT INTO STUDENT (Name, Student_number, Class, Major)
VALUES ('Robin', 34, 2, 'BUSINESS')

--6-13-d
UPDATE STUDENT
SET CLASS = 3
WHERE Student_number = 17
```