Q2)

ii)
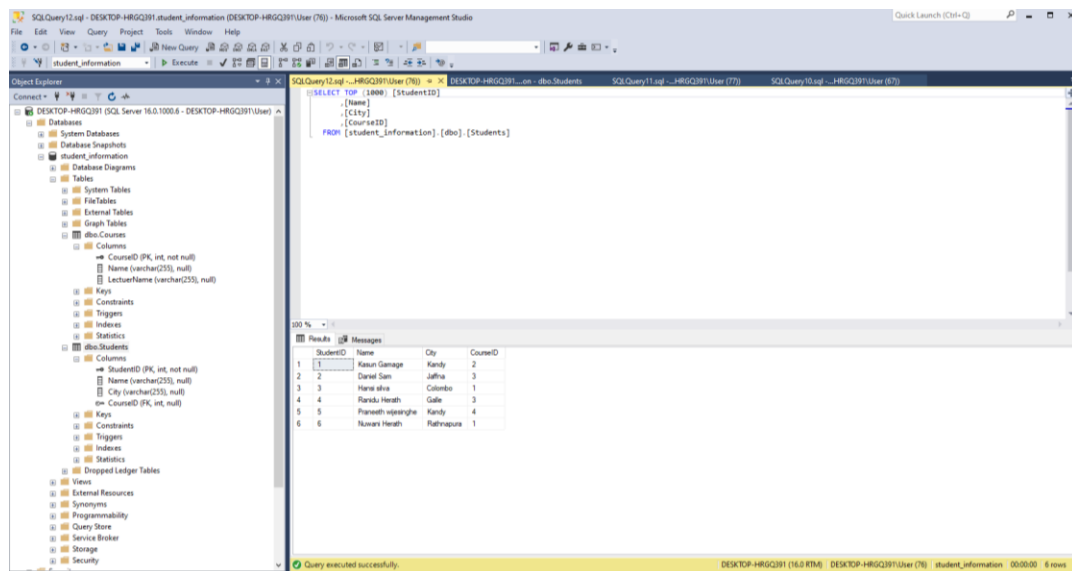
Step 1) CREATE DATABASE student information;

Step 2)

CREATE TABLE Courses(

CourseID int NOT NULL PRIMARY KEY,

Name varchar (255),

LecturerName varchar (255)

);

CREATE TABLE Students (

StudentsID int NOT NULL PRIMARY KEY,

Name varchar (255),

City varchar (255),

CourseID int

);

```sql
ALTER TABLE Students
ADD CONSTRAINT fk_CourseID
FOREIGN KEY (CourseID) REFERENCES Courses(CourseID)
```

Step 3)

INSERT INTO Students

VALUES (1,' Kasun Gamage' ,'Kandy' ,2)

INSERT INTO Students

VALUES (2,' Daniel Sam' ,' Jaffna' ,3)

INSERT INTO Students

VALUES (2,' Hansi silva' ,' Colombo' ,1)

INSERT INTO Students

VALUES (2,' Ranidu Herath' ,' Galle' ,3)

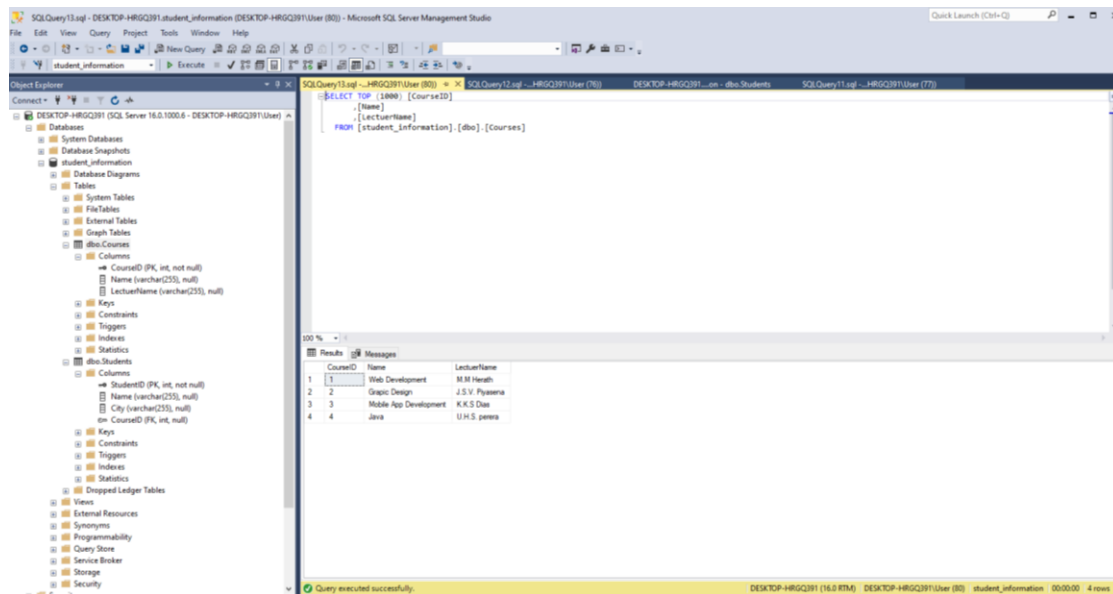INSERT INTO Students

VALUES (2,' Praneeth wijesinghe' ,' Kandy' ,4)

INSERT INTO Students

VALUES (2,' Nuwani Herath' ,' Rathnapura' ,1)

Step 4)

INSERT INTO Courses

VALUES (1,' Web Development' ,'M. M. Herath')

INSERT INTO Courses
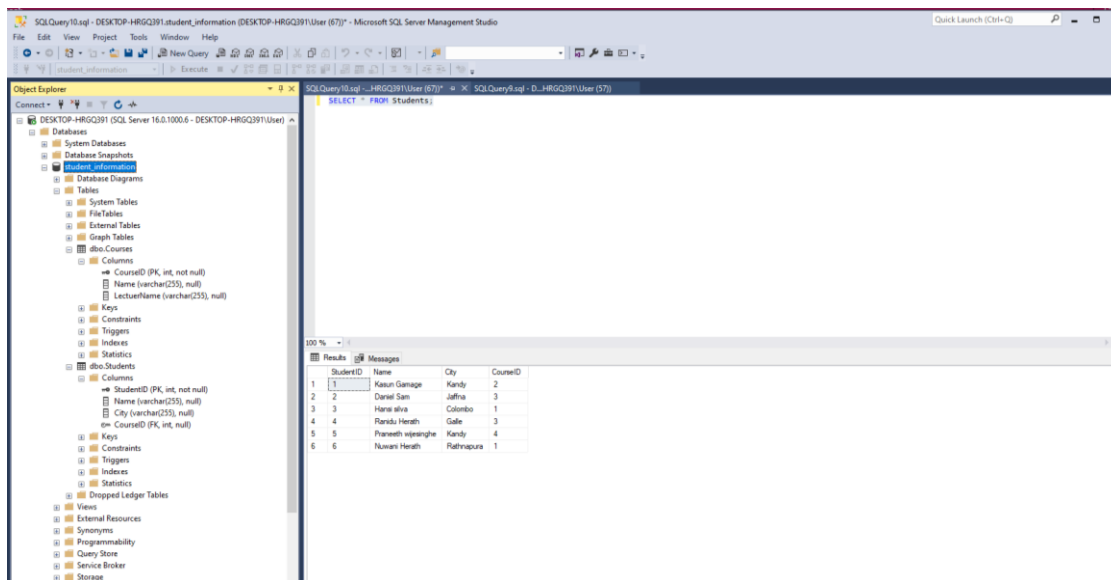
VALUES (2,' Grapic Design',J.S.V. Piyasena ')

INSERT INTO Courses
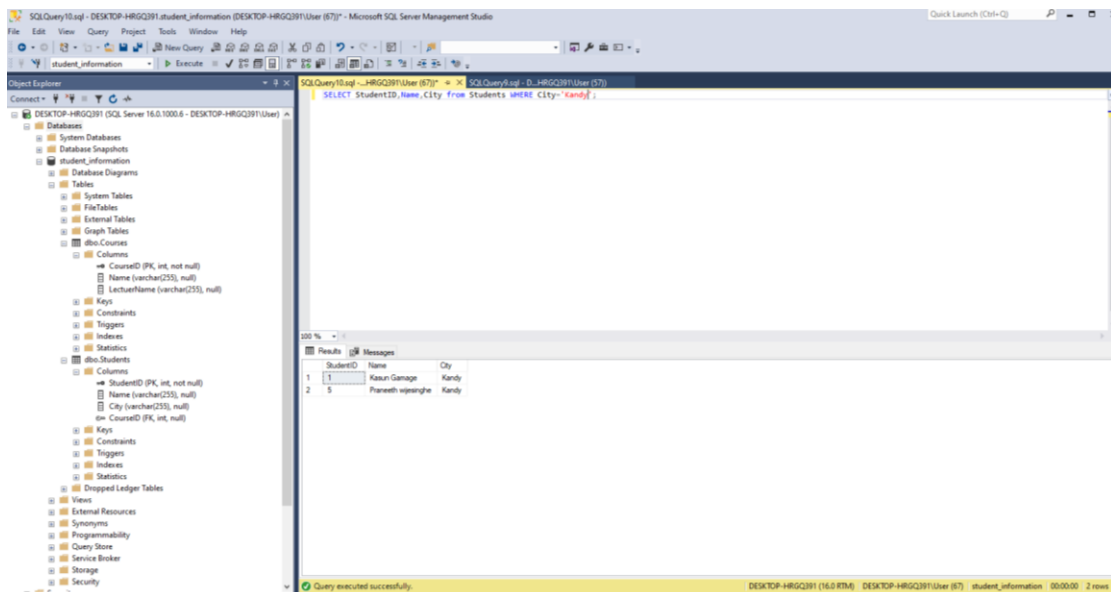
VALUES (3,' Mobile App Development','K.K.S Dias')

INSERT INTO Courses

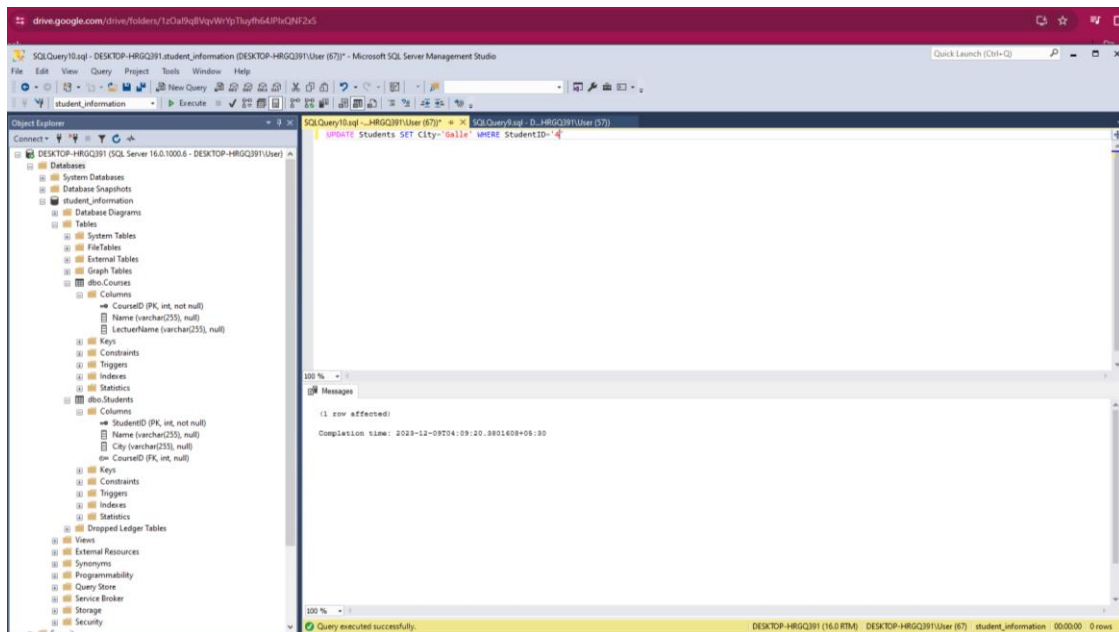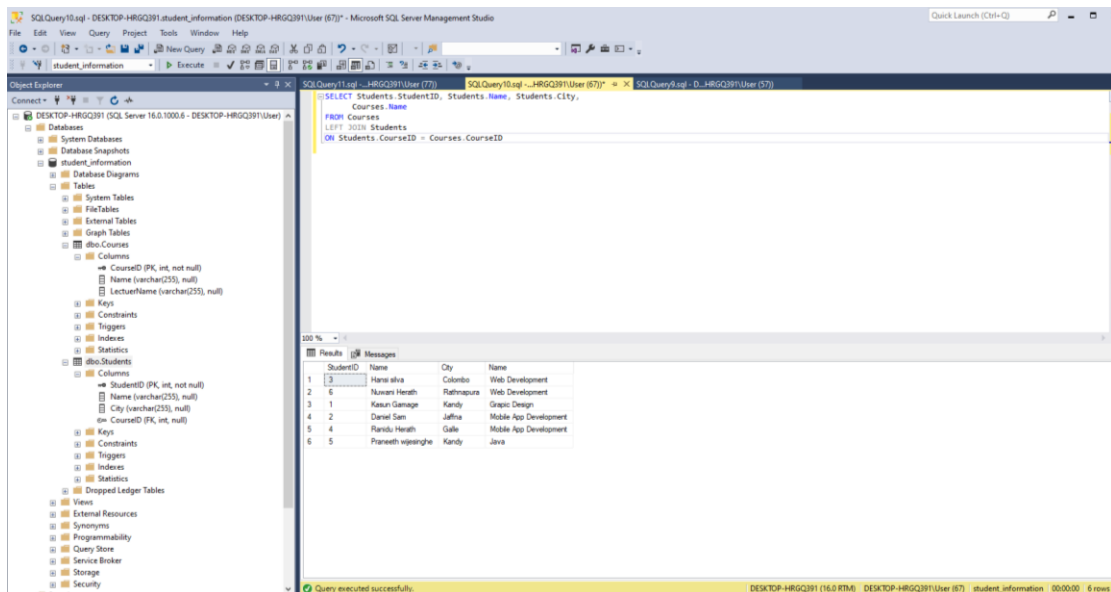VALUES (4,'Java' ,' U.H.S. perera')

iv)

A) `SELECT * FROM Students;`

B) `SELECT StudentID,Name,City FROM Students WHERE City='Kandy';C)`

C) UPDATE Students SET City ='Galle' WHERE StudentID=4

D) SELECT Students.StudentID, Students.Name, Students.City,
      Courses.Name
FROM Courses
LEFT JOIN Students
ON Students.CourseID = Courses.CourseID