HAMZA EJAZ

S # B19102041

BSCS-III (MORNING)

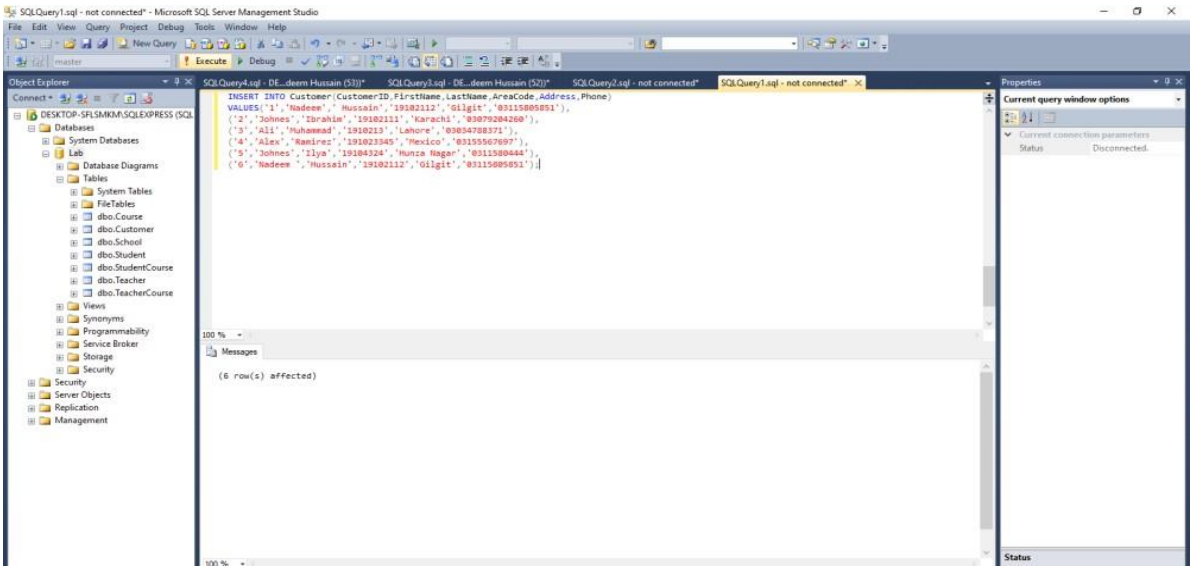
Section-A

Database Management System

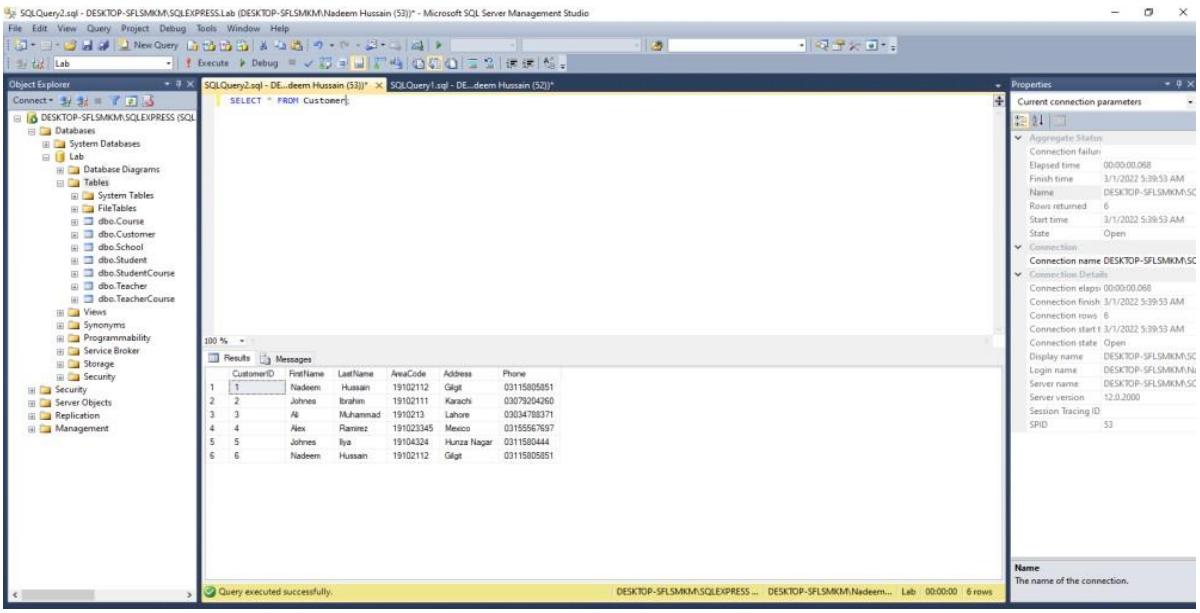
Q1. Create table Customer with Following Constraints.

```
CREATE TABLE table_name (
    column1 datatype,
    column2 datatype,
    column3 datatype,
   ....
);
```

Input:



Output:



Q2. Create Tables of: School, Student, Teacher, Course, Grade, Teacher_Course and Student_Course and show the relationship among them.

Input of School:

INSERTINTOSchool(SchoolID,SchoolName,SchoolAddress,PostCode,Phone)

VALUES('1','Star Raising Rakaposhi','Gilgit','6000','03115805851'),

('2','Shah Wali Model Academy ','Karachi','4333','03034788371'),

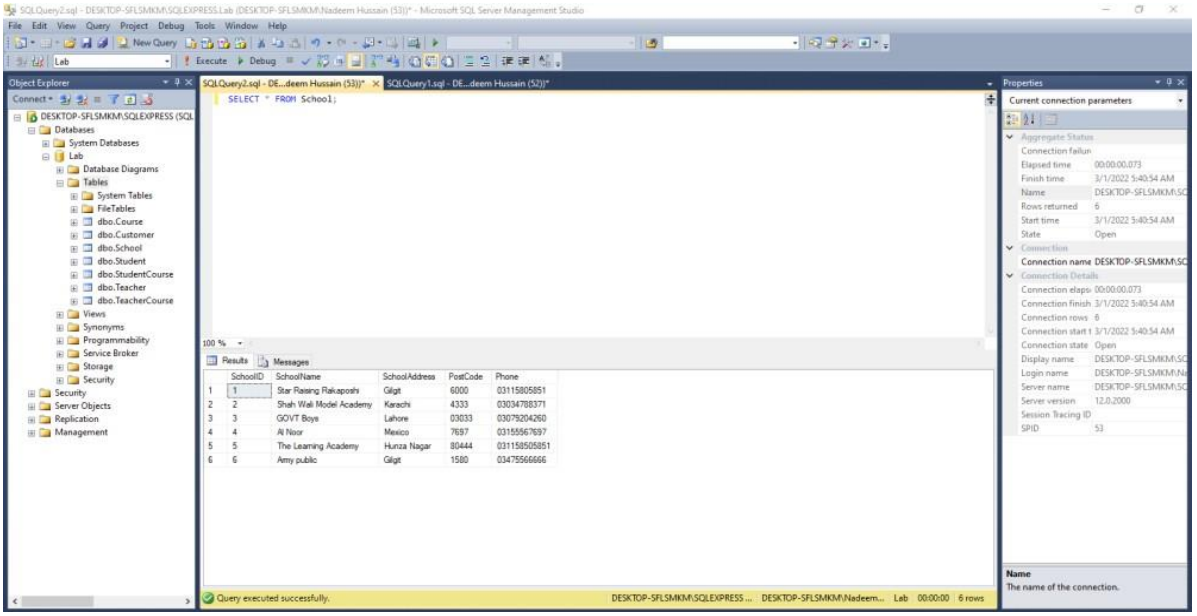
('3','GOVT Boys','Lahore','03033','03079204260'),

('4','Al Noor','Mexico','7697','03155567697'),

('5','The Learning Academy','Hunza Nagar','80444','031158505851'),

('6','Army public','Gilgit','1580','03475566666');

Output Of School:



Input of Student:

INSERT INTO Student(StudentID,StudentName,StudentNumber,TotalGrade,Address,Phone,Email)

VALUES('1','Nadeem Hussain','19102112','A+','Gilgit','03115805851','nadeemnageri@gmail.com'),

('2','Johnes','19102111','A+','Karachi','03079204260','b19102112@gmail.com'),

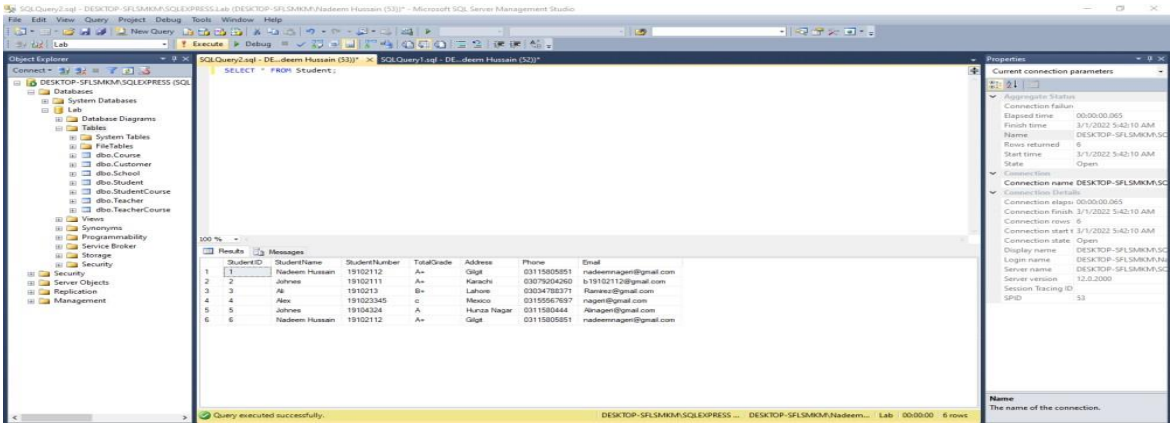
('3','Ali','1910213','B+','Lahore','03034788371','Ramirez@gmail.com'),

('4','Alex','191023345','c','Mexico','03155567697','nageri@gmail.com'),

('5','Johnes','19104324','A','Hunza Nagar','0311580444','Alinageri@gmail.com'),

('6','Nadeem Hussain','19102112','A+','Gilgit','03115805851','nadeemnageri@gmail.com');

Output Of Student:



Input of Teacher:

INSERT INTO Teacher(TeacherID,TeacherName,TeacherNumber)

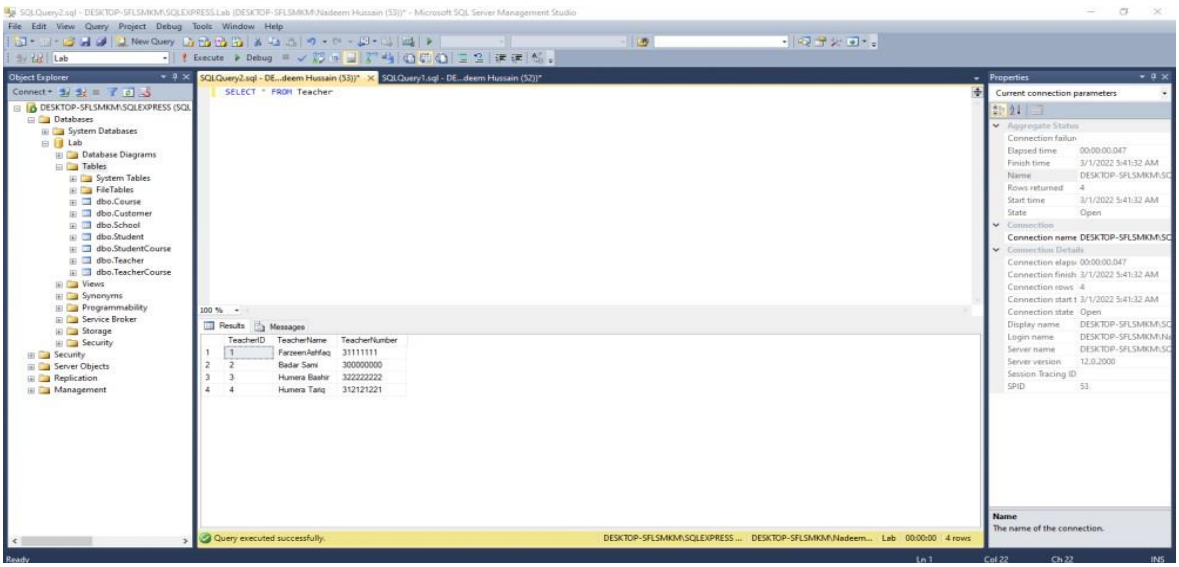
VALUES('1','FarzeenAshfaq','031111111'),

('2','Badar Sami','0300000000'),

('3','Humera Bashir','0322222222'),

('4','Humera Tariq','0312121221');

Output of Teacher:



Input Of Course:

INSERT INTO Course(CourseID,CourseName,SchoolID,SchoolName)

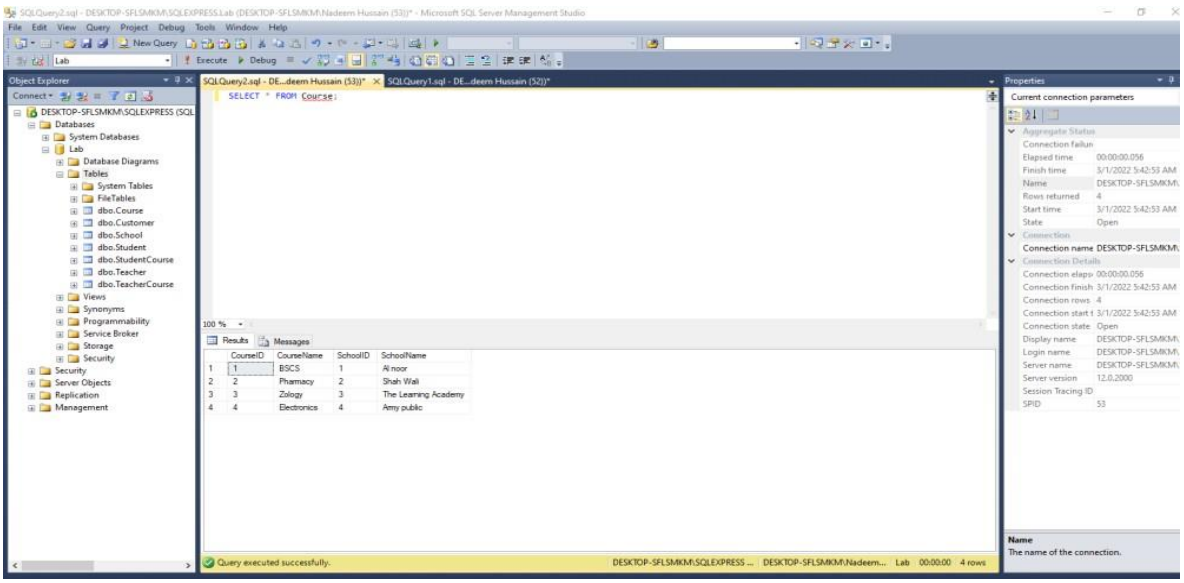
VALUES('1','BSCS','1','Al noor'),

('2','Pharmacy','2','Shah Wali'),

('3','Zology','3','The Learning Academy'),

('4','Electronics','4','Army public');

Output of Course:



Input Of Grade:

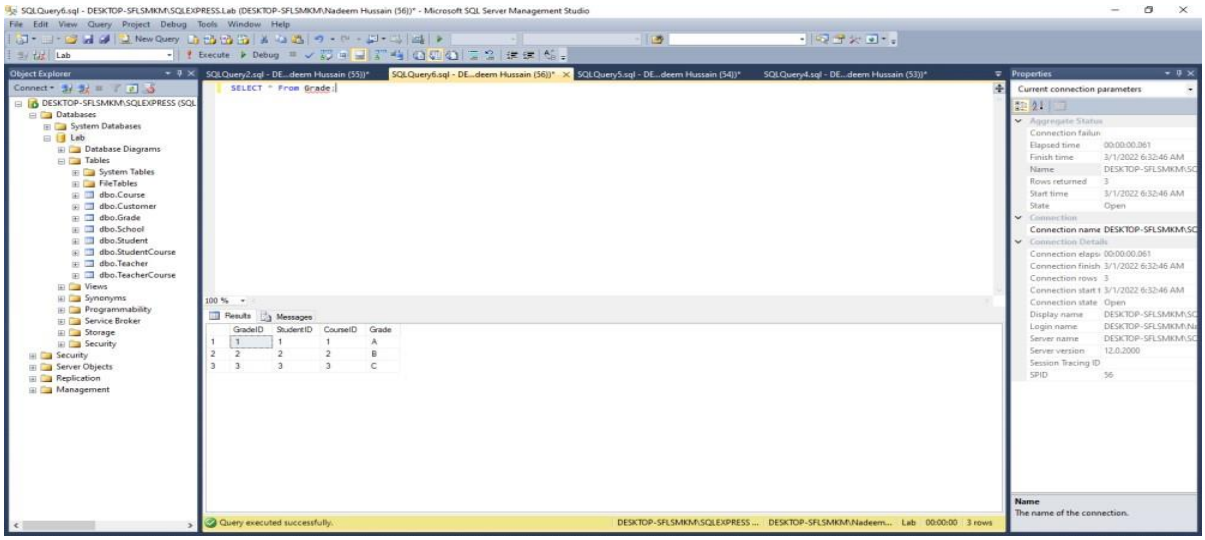
INSERT INTO Grade(GradeID,StudentID,CourseID,Grade)

VALUES('1','1','1','A'),

('2','2','2','B'),

('3','3','3','C');

Output of Grade:



Input of Student Course:

INSERT INTO StudentCourse(StudentID,CourseID)

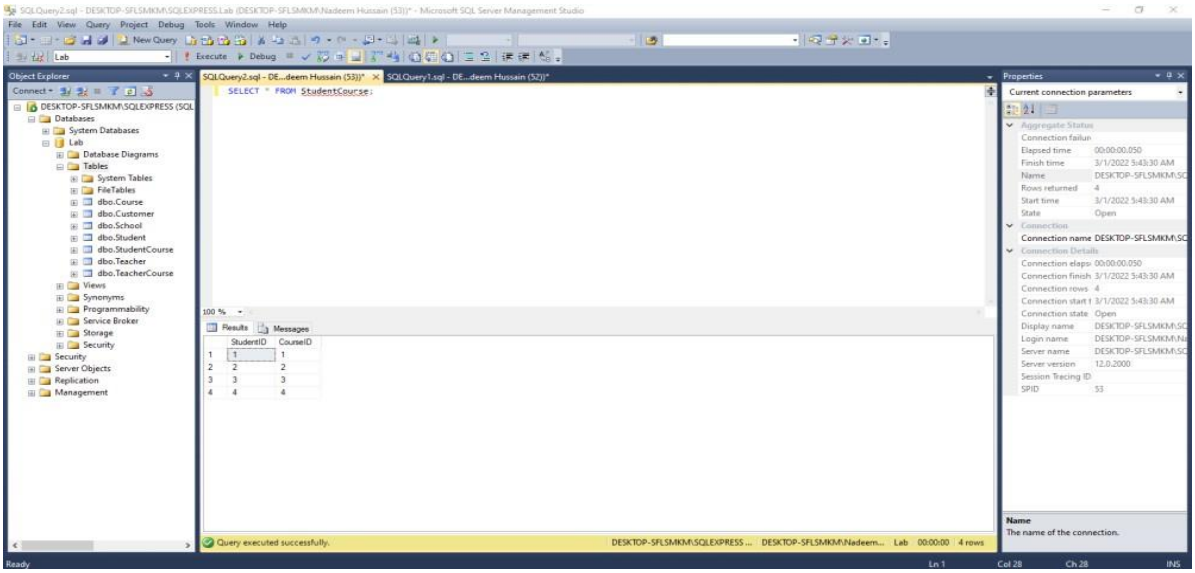
VALUES('1','1'),

('2','2'),

('3','3'),

('4','4');

Output of Student Course:



Input Of Teacher Course:

INSERT INTO TeacherCourse(TeacherID,CourseID)

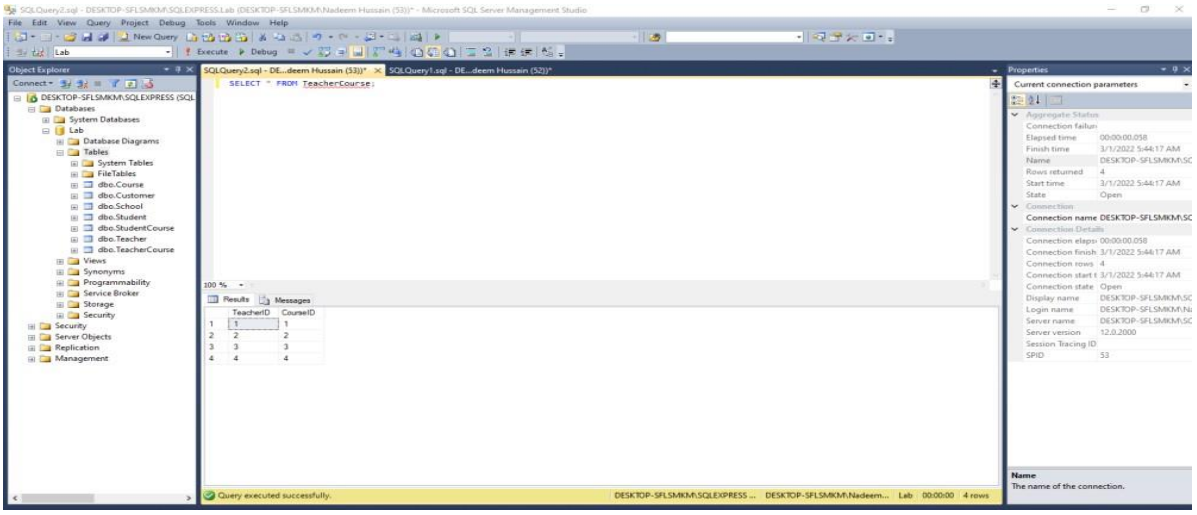
VALUES('1','1'),

('2','2'),

('3','3'),

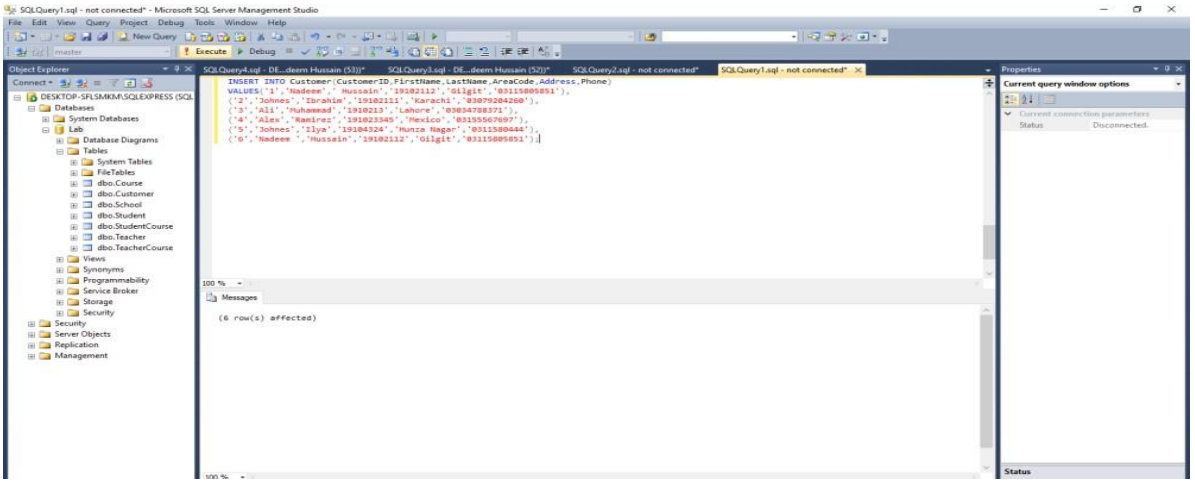
('4','4');

Output Of Teacher Course:

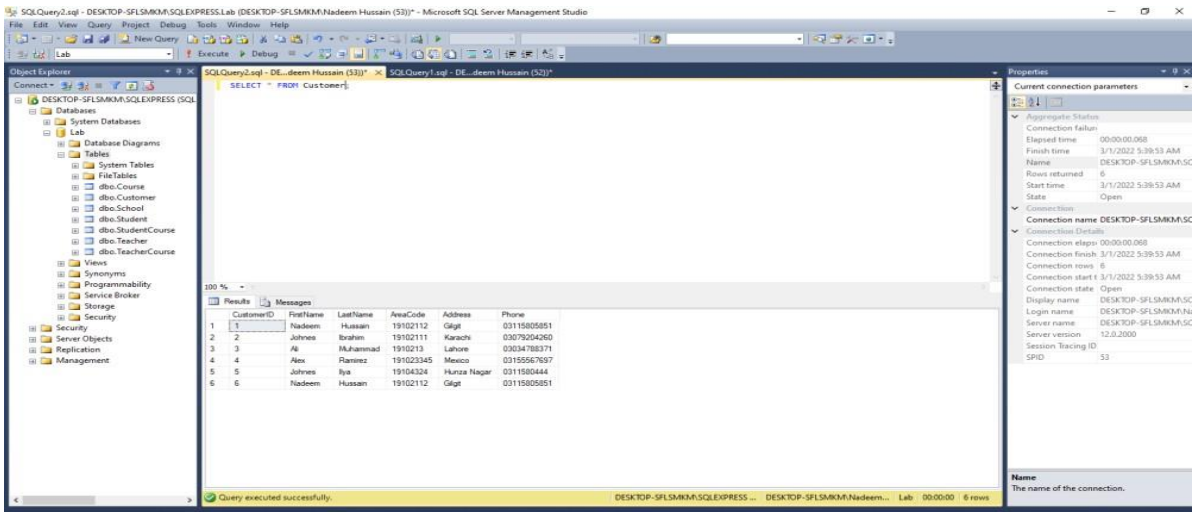


Q3. INSERT INTO table_name (column1, column2, column3, ...) VALUES (value1, value2, value3, ...);

Input:



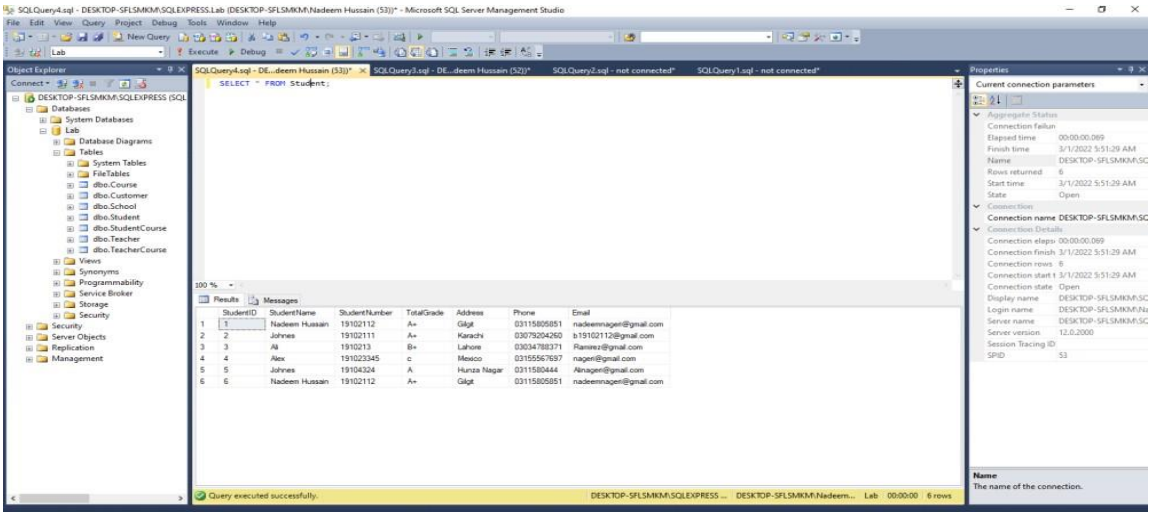
Output:



Q4.

(A) Write a query to select all students from a table.

Output:



(B) Select those students whose name is Johnes.