Assignment 4: Insert into tables

Table 1: Student Table

```
import mysql.connector
conn = mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db")
mycursor=conn.cursor()
Insert_1 = '''
INSERT INTO Student(StudentID,Name,Email,Phone,Address)
 VALUES (1, "John Doe", "john.doe@example.com", "123-456-7890", "123 Main
St"),
       (2, "Jane Smith", "jane.smith@example.com", "987-654-3210", "456 Elm
St"),
      (4, "Emily White", "emily.white@example.com", "111-222-3333", "567 Pine
St"),
       (5, "Michael Lee", "michael.lee@example.com", "333-444-5555", "789
Cedar Dr"),
       (6, "Sarah Brown", "sarah.brown@example.com", "555-666-7777", "890
Willow Ln"),
       (7, "David Clark", "david clark@example.com", "777-888-9999", "123
Birch Ave"),
       (8, "Melissa Turner", "melissa.turner@example.com", "888-999-0000",
"456 Redwood Rd");
'''
mycursor.execute(Insert_1)
conn.commit()
conn.close()
```

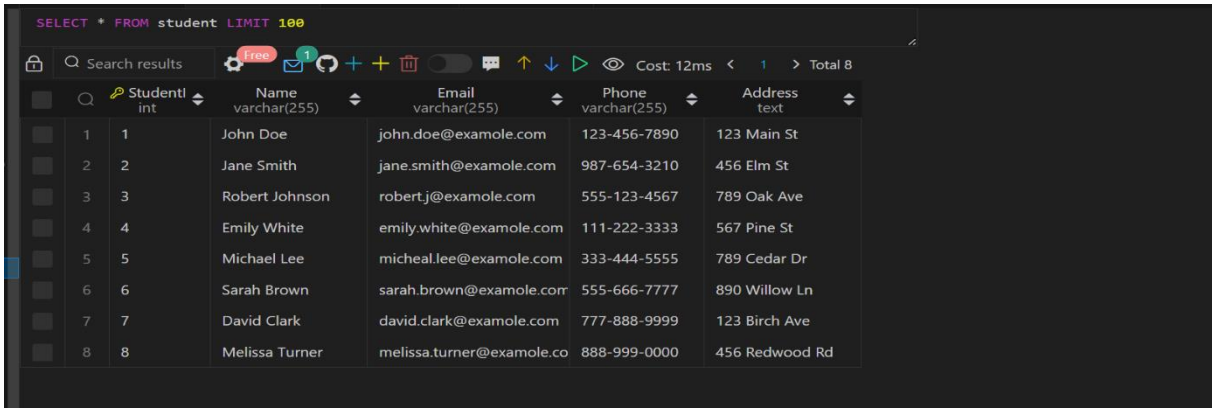


Table 2: Course Table

```
import mysql.connector
conn = mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db")
mycursor=conn.cursor()
Insert_2 = '''
INSERT INTO Course (CourseID, CourseName, Credits)
 VALUES (101, "Mathematics" ,3),
        (102, "History", 4),
        (104, "Literature",3),
        (105, "Chemistry", 4),
        (106, "Physics", 4),
        (107, "Economics",3),
        (108, "Biology", 4);
'''
mycursor.execute(Insert_2)
conn.commit()
conn.close()
```

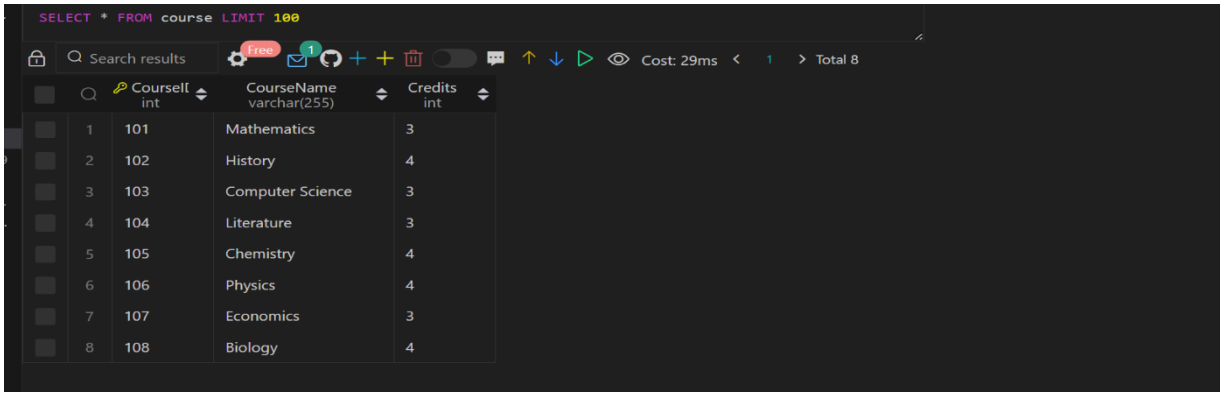


Table 3: Exam Table

```
import mysql.connector
conn = mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db")
mycursor=conn.cursor()
Insert_3 = '''
INSERT INTO Exam(ExamID, ExamDate, ExamTime, Location)
 VALUES (201, "2023-11-10", "09:00:00", "Exam Hall A"),
        (202, "2023-11-12", "14:00:00", "Exam Hall B"),
        (203, "2023-11-15", "10:30:00", "Exam Hall C"),
        (204, "2023-11-18", "15:15:00", "Exam Hall D"),
        (205, "2023-11-20", "13:00:00", "Exam Hall E");
'''

mycursor.execute(Insert_3)
conn.commit()
conn.close()
```

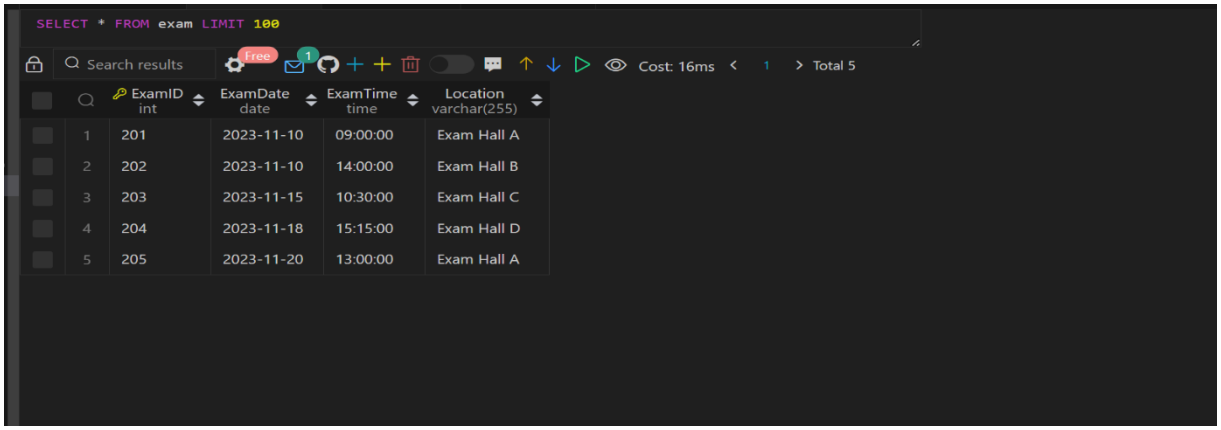
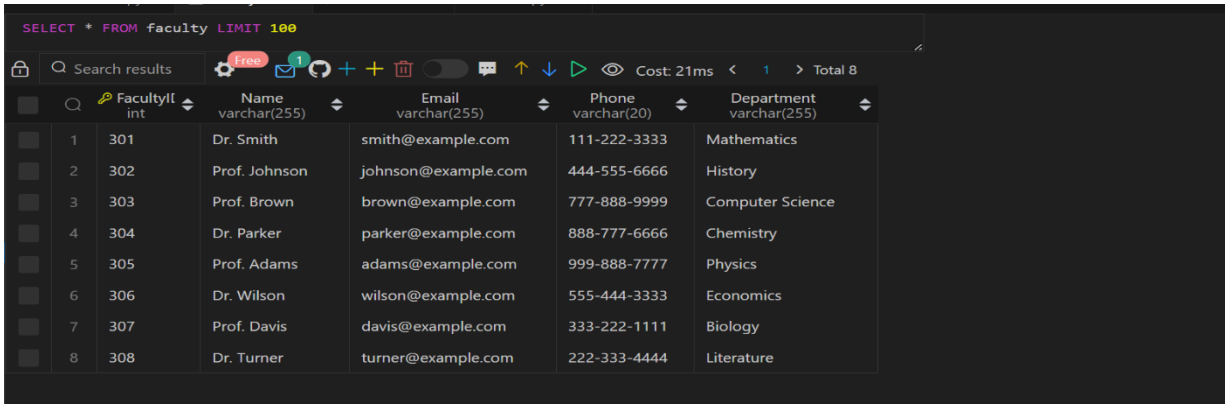


Table 4: Faculty Table

```
import mysql.connector
conn = mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db")
mycursor=conn.cursor()
Table_4="""
Insert_4 = '''
INSERT INTO Faculty(FacultyID, Name, Email, Phone, Department)
 VALUES (301, "Dr. Smith", "smith@example.com", "111-222-3333",
"Mathematics"),
       (302, "Prof. Johnson" ,"johnson@example.com", "444-555-6666",
"History"),
       (303, "Prof. Brown", "brown@example.com", "777-888-9999", "Computer
Science"),
       (304, "Dr. Parker", "parker@example.com", "888-777-6666",
"Chemistry"),
       (305, "Prof. Adams", "adams@example.com", "999-888-7777", "Physics"),
       (306, "Dr. Wilson", "wilson@example.com", "555-444-3333",
"Economics"),
       (307, "Prof. Davis", "davis@example.com", "333-222-1111", "Biology"),
       (308, "Dr. Turner", "turner@example.com", "222-333-4444",
"Literature");
'''

mycursor.execute(Insert_4)
conn.commit()
conn.close()
```



	FacultyID int	Name varchar(255)	Email varchar(255)	Phone varchar(20)	Department varchar(255)
1	301	Dr. Smith	smith@example.com	111-222-3333	Mathematics
2	302	Prof. Johnson	johnson@example.com	444-555-6666	History
3	303	Prof. Brown	brown@example.com	777-888-9999	Computer Science
4	304	Dr. Parker	parker@example.com	888-777-6666	Chemistry
5	305	Prof. Adams	adams@example.com	999-888-7777	Physics
6	306	Dr. Wilson	wilson@example.com	555-444-3333	Economics
7	307	Prof. Davis	davis@example.com	333-222-1111	Biology
8	308	Dr. Turner	turner@example.com	222-333-4444	Literature

Table 5: Enrollment Table

```
import mysql.connector
conn = mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db")
mycursor=conn.cursor()
Insert_5 = '''
INSERT INTO Enrollment (EnrollmentID, StudentID, CourseID, EnrollmentDate)
 VALUES (1, 1, 101, "2023-09-01"),
        (2, 1, 102, "2023-09-10"),
        (3, 2, 101, "2023-09-02"),
        (4, 3, 103, "2023-09-03"),
        (5, 4, 104, "2023-09-04"),
        (6, 5, 105, "2023-09-05"),
        (7, 6, 106, "2023-09-06"),
        (8, 7, 107, "2023-09-07"),
        (9, 8, 108, "2023-09-08");
'''

mycursor.execute(Insert_5)
conn.commit()
conn.close()
```

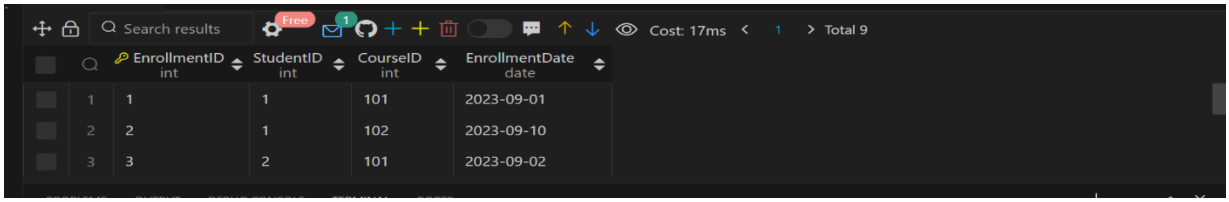


Table 6: Teaching Table

```
import mysql.connector
conn = mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db")
mycursor=conn.cursor()
Insert_6 = """
INSERT INTO Teaching (TeachingID, FacultyID, CourseID)
 VALUES (1, 301, 101),
        (2, 302, 102),
        (3, 303, 103),
        (4, 304, 104),
        (5, 305, 105),
        (6, 306, 106),
        (7, 307, 107),
        (8, 308, 108);
"""
mycursor.execute(Insert_6)
conn.commit()
conn.close()
```

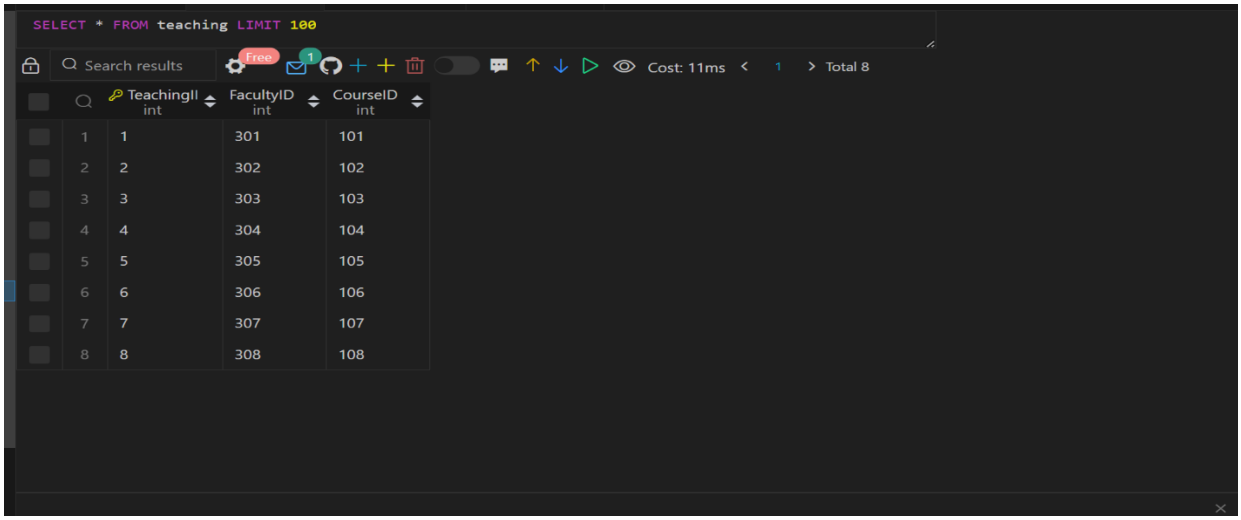


Table 7: Exam Registration Table

```
import mysql.connector
conn = mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db")
mycursor=conn.cursor()
Insert_7 = '''
INSERT INTO ExamRegistration (RegistrationID, StudentID, ExamID,
RegistrationDate)
 VALUES (101, 1, 201, "2023-10-15"),
        (102, 2, 201, "2023-10-16"),
        (103, 3, 202, "2023-10-17"),
        (104, 4, 203, "2023-10-18"),
        (105, 5, 204, "2023-10-19"),
        (106, 6, 205, "2023-10-20"),
        (107, 7, 201, "2023-10-21"),
        (108, 8, 202, "2023-10-22");
'''
mycursor.execute(Insert_7)
conn.commit()
conn.close()
```

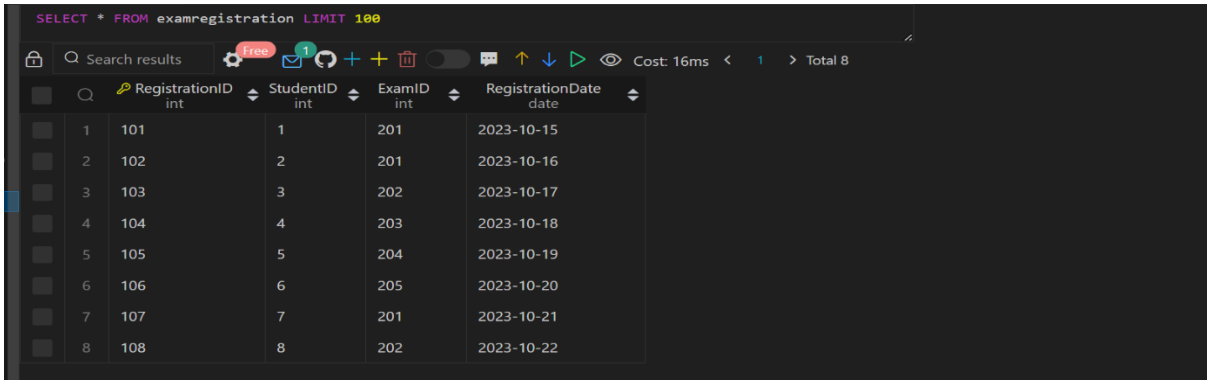
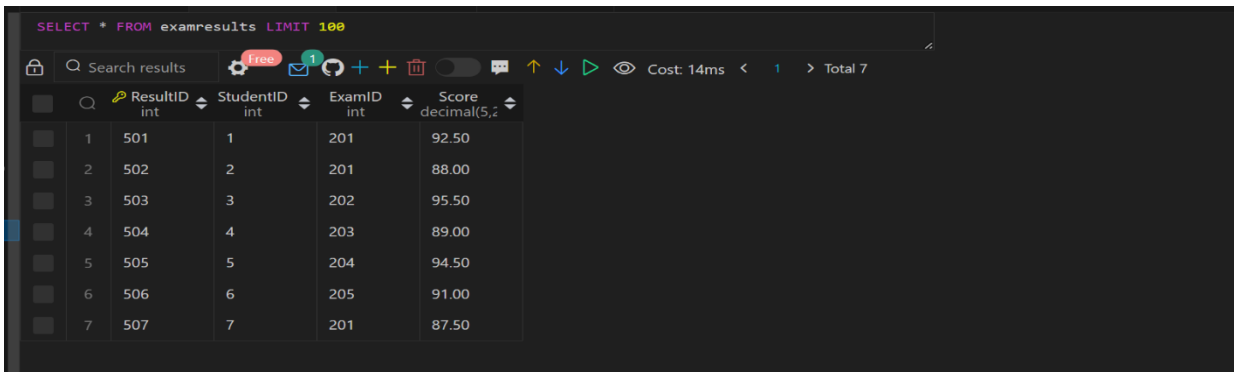


Table 8: Exam Results Table

```
import mysql.connector
conn = mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db")
mycursor=conn.cursor()
Insert_8 = """
INSERT INTO ExamResults (ResultID, StudentID, ExamID, score)
 VALUES (501, 1, 201, 92.5),
        (502, 2, 201, 88.0),
        (503, 3, 202, 95.5),
        (504, 4, 203, 89.0),
        (505, 5, 204, 94.5),
        (506, 6, 205, 91.0),
        (507, 7, 201, 87.5);
"""
mycursor.execute(Insert_8)
conn.commit()
conn.close()
```



	ResultID int	StudentID int	ExamID int	Score decimal(5,2
1	501	1	201	92.50
2	502	2	201	88.00
3	503	3	202	95.50
4	504	4	203	89.00
5	505	5	204	94.50
6	506	6	205	91.00
7	507	7	201	87.50