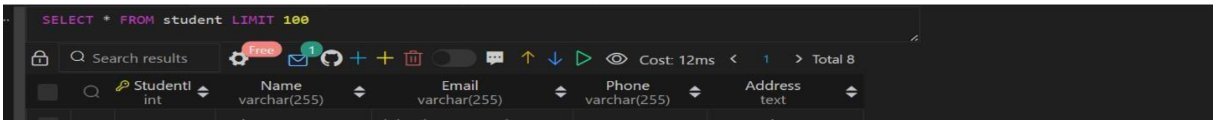
**Assignment 3: Create tables**

Table 1: Student Table

```
import mysql.connector conn =
mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db") 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
) """
mycursor.execute(Table_1)
conn.commit()
conn.close()
```

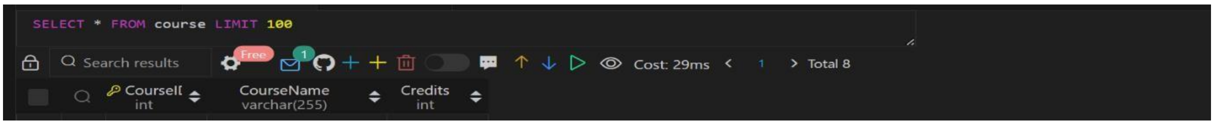


```
SELECT * FROM student LIMIT 100
```

| StudentI<br>int | Name<br>varchar(255) | Email<br>varchar(255) | Phone<br>varchar(255) | Address<br>text |
|---|---|---|---|---|

Table 2: Course Table

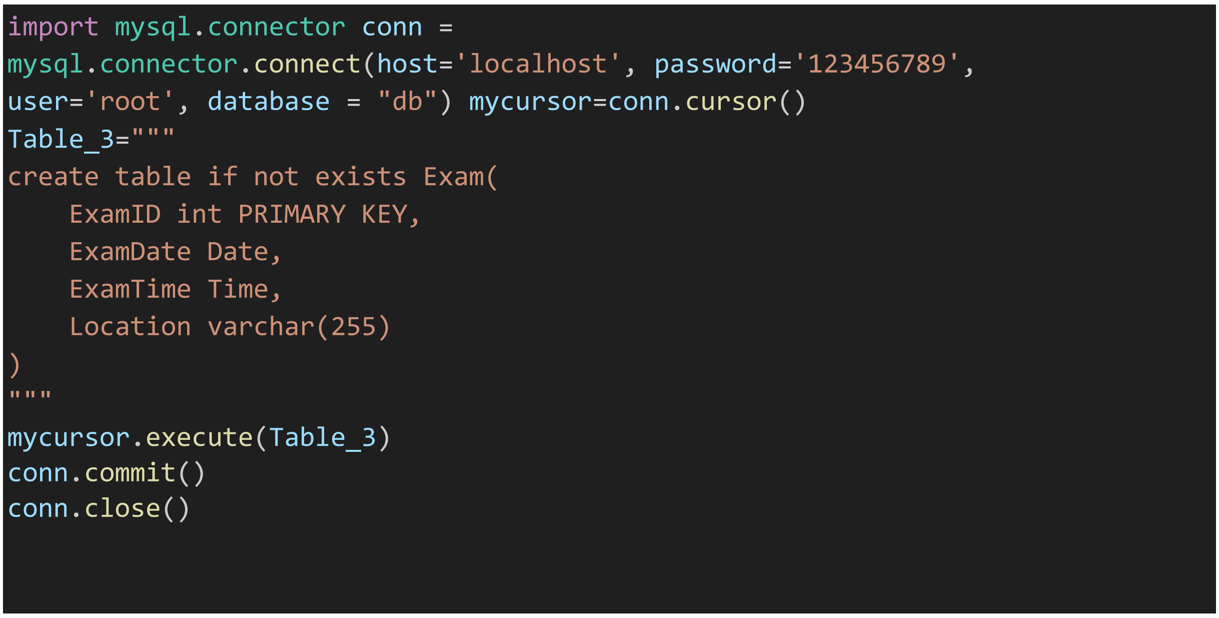
```
import mysql.connector conn =
mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db") mycursor=conn.cursor()
 Table_2="""
create table if not exists Course(
    CourseID int PRIMARY KEY,
    CourseName varchar(255),
    Credits int
) """
mycursor.execute(Table_2)
conn.commit()
conn.close()
```



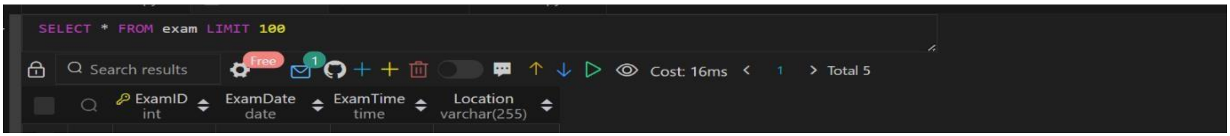
```
SELECT * FROM course LIMIT 100
```

| CourseI[<br>int | CourseName<br>varchar(255) | Credits<br>int |
|---|---|---|

Table 3: Exam Table



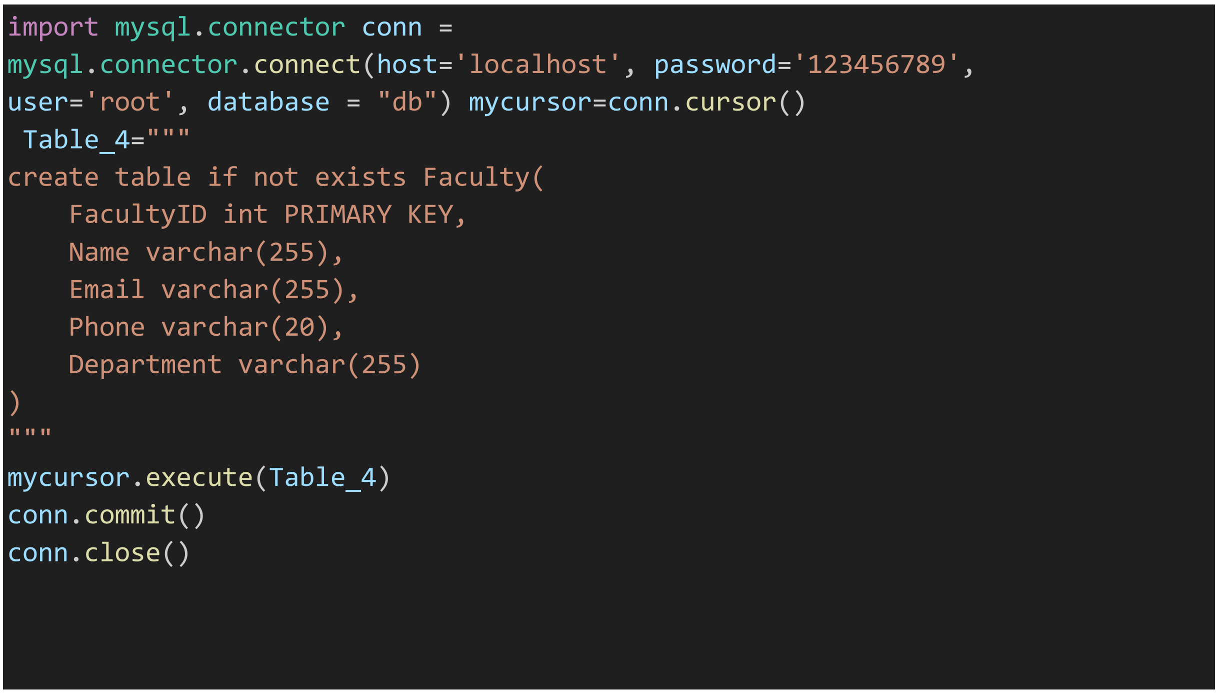
```
import mysql.connector conn =
mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db") mycursor=conn.cursor()
Table_3="""
create table if not exists Exam(
    ExamID int PRIMARY KEY,
    ExamDate Date,
    ExamTime Time,
    Location varchar(255)
)
"""
mycursor.execute(Table_3)
conn.commit()
conn.close()
```



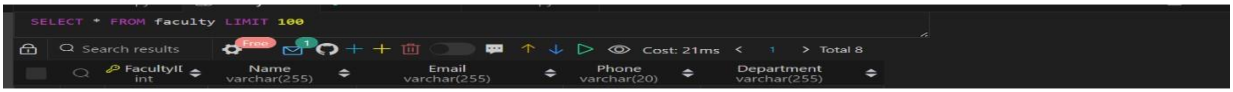
```
SELECT * FROM exam LIMIT 100
```

| ExamID | ExamDate | ExamTime | Location |
|---|---|---|---|
| int | date | time | varchar(255) |

Table 4: Faculty Table



```
import mysql.connector conn =
mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db") mycursor=conn.cursor()
 Table_4="""
create table if not exists Faculty(
    FacultyID int PRIMARY KEY,
    Name varchar(255),
    Email varchar(255),
    Phone varchar(20),
    Department varchar(255)
)
"""
mycursor.execute(Table_4)
conn.commit()
conn.close()
```



```
SELECT * FROM faculty LIMIT 100
```

| FacultyI[ | Name | Email | Phone | Department |
|---|---|---|---|---|
| int | varchar(255) | varchar(255) | varchar(20) | varchar(255) |

Table 5: Enrolment Table

```
import mysql.connector conn =
mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db") mycursor=conn.cursor()
 Table_5="""
create table if not exists Faculty(
    FacultyID int PRIMARY KEY,
    Name varchar(255),
    Email varchar(255),
    Phone varchar(20),
    Department varchar(255)
)
"""
mycursor.execute(Table_5)
conn.commit()
conn.close()
```

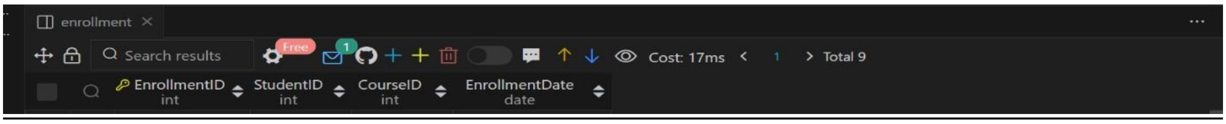
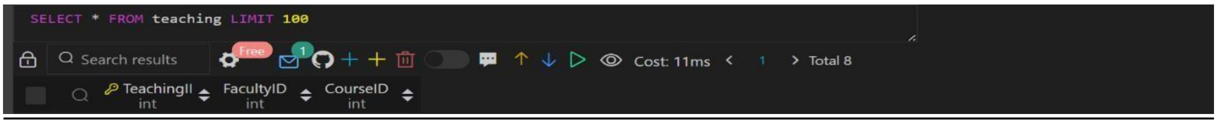


Table 6: Teaching Table

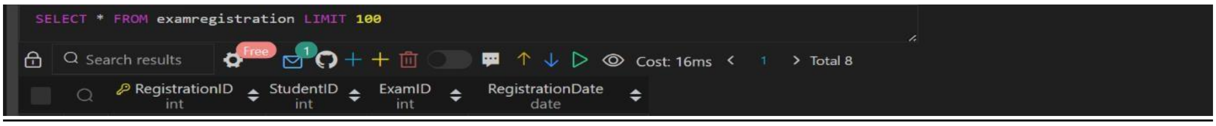
```
import mysql.connector conn =
mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db") mycursor=conn.cursor()
Table_6="""
create table if not exists Teaching(
    TeachingID int PRIMARY KEY,
    FacultyID int,
    CourseID int,
    Foreign key(FacultyID) references Faculty(FacultyID),
    Foreign key(CourseID) references Course(CourseID)
) """
mycursor.execute(Table_4)
conn.commit()
conn.close()
```



```
SELECT * FROM teaching LIMIT 100
```

Table 7: Exam Registration Table

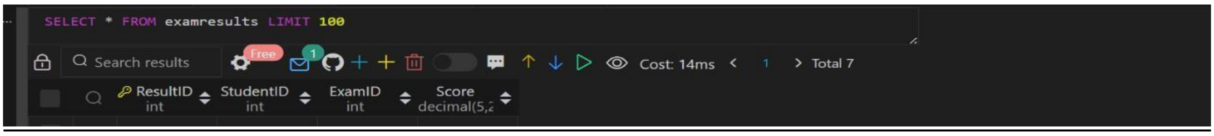
```
import mysql.connector conn =
mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db") mycursor=conn.cursor()
 Table_7="""
create table if not exists ExamRegistration(
    RegistrationID int PRIMARY KEY,
    StudentID int,
    ExamID int,
    RegistrationDate Date,
    Foreign key(StudentID) references Student(StudentID),
    Foreign key(ExamID) references Exam(ExamID)
) """
mycursor.execute(Table_4)
conn.commit()
conn.close()
```



```
SELECT * FROM examregistration LIMIT 100
```

Table 8: Exam Results Table

```
import mysql.connector conn =
mysql.connector.connect(host='localhost', password='123456789',
user='root', database = "db") mycursor=conn.cursor()
 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_4)
conn.commit()
conn.close()
```



```
SELECT * FROM examresults LIMIT 100
```