

# Assignment-4

```
import mysql.connector
# Connect to the MySQL server
conn = mysql.connector.connect(host='localhost', user='root', password='sasasang12@16', database='mardb')
mycursor = conn.cursor()

# Define the SQL query to create the table

create_table_query1 = """

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'),
       (3,'Robert Johnson','robert.j@example.com','555-123-4567','789 Oak Ave'),
       (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');

"""

create_table_query2 = """

INSERT INTO course (CourseId, CourseName, Credits)
VALUES (101,'Mathematics',3),
       (102,'History',4),
       (103,'Computer Science',3),
       (104,'Literature',3),
       (105,'Chemistry',4),
       (106,'Physics',4),
       (107,'Economics',3),
       (108,'Biology',4);

"""

create_table_query3 = """

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');

"""

create_table_query4 = """

INSERT INTO faculty (FacultyId, Name, Email, Phone, Department)
VALUES (301,'D. 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','888-777-666','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');

"""

create_table_query5 = """

INSERT INTO enrollment (EnrollmentId, StudentID, CourseID, EnrollmentDate)
VALUES (1,1,101,'2023-09-01'),
       (2,1,102,'2023-09-01'),
       (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');

"""

create_table_query6 = """

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);

"""
```

```
"""
create_table_query7 = """

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');

"""
```

```
"""
create_table_query8 = """

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);

"""
```

```
# Execute the SQL query
mycursor.execute(create_table_query8)
# Commit the changes
conn.commit()
# Close the connection
conn.close()
```