

**Name – Ishaan Gupta**

**Batch – c# batch 2**

**Assignment - Student Information System (SIS)**

**Task - 2**

**(question+SQL query+output added below)**

**Q1) Write an SQL query to insert a new student into the "Students" table with the following details:**

- a. First Name: John**
- b. Last Name: Doe**
- c. Date of Birth: 1995-08-15**
- d. Email: [john.doe@example.com](mailto:john.doe@example.com)**
- e. Phone Number: 1234567890**

task2.sql - DESKTOP...ESS.SISDB (sa (65)) task1.sql - DESKTOP...ESS.SISDB (sa (64))

```
INSERT INTO Students (first_name, last_name, date_of_birth, email, phone_number)
VALUES ('John', 'Doe', '1995-08-15', 'john.doe@example.com', '1234567890');
```

100 %

Messages

(1 row affected)

Completion time: 2024-09-23T17:48:31.3266145+05:30

**Q2) Write an SQL query to enroll a student in a course. Choose an existing student and course and insert a record into the "Enrollments" table with the enrollment date.**

```
INSERT INTO Enrollments (student_id, course_id, enrollment_date)
VALUES (1, 3, '2023-03-01');
```

100 %

Messages

(1 row affected)

Completion time: 2024-09-23T17:50:32.4250801+05:30

**Q3) Update the email address of a specific teacher in the "Teacher" table. Choose any teacher and modify their email address.**

```
= UPDATE Teacher
  SET email = 'ramesh.newemail@example.com'
 WHERE teacher_id = 2;
```

100 % ▾ ◀

📧 Messages

(1 row affected)

Completion time: 2024-09-23T17:52:39.1056672+05:30

**Q4) Write an SQL query to delete a specific enrollment record from the "Enrollments" table. Select an enrollment record based on the student and course.**

```
DELETE FROM Enrollments  
WHERE student_id = 1 AND course_id = 3; |
```

100 % ▾

Messages

(1 row affected)

Completion time: 2024-09-23T17:57:57.1312461+05:30

**Q5) Update the "Courses" table to assign a specific teacher to a course. Choose any course and teacher from the respective tables**

```
- UPDATE Courses  
  SET teacher_id = 2  
  WHERE course_id = 3; |
```

100 % ▾

Messages

(1 row affected)

Completion time: 2024-09-23T17:58:37.6428982+05:30

**Q6) Delete a specific student from the "Students" table and remove all their enrollment records from the "Enrollments" table. Be sure to maintain referential integrity.**

```
- DELETE FROM Payments
  WHERE student_id = 2;
- DELETE FROM Enrollments
  WHERE student_id = 2;
- DELETE FROM Students
  WHERE student_id = 2;
```

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Messages


(1 row affected)

(0 rows affected)


(1 row affected)

Completion time: 2024-09-23T18:16:51.0887521+05:30

**Q7) Update the payment amount for a specific payment record in the "Payments" table. Choose any payment record and modify the payment amount.**

```
 UPDATE Payments  
SET amount = 1800.00  
WHERE payment_id = 3;
```

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 Messages

(1 row affected)

Completion time: 2024-09-23T18:00:52.3804126+05:30