Python Scenario Based Assignment

Question: **Online Learning Platform**

Name: **Harish Er**

Database:

```sql
use Python_Scenario_Based;

CREATE TABLE Users (
    user_id INT IDENTITY PRIMARY KEY,
    name NVARCHAR(255) NOT NULL,
    email NVARCHAR(255) UNIQUE NOT NULL,
    password NVARCHAR(255) NOT NULL
);

CREATE TABLE Courses (
    course_id INT IDENTITY PRIMARY KEY,
    title NVARCHAR(255) NOT NULL,
    description NVARCHAR(MAX),
    instructor NVARCHAR(255) NOT NULL
);

CREATE TABLE Enrollments (
    enrollment_id INT IDENTITY PRIMARY KEY,
    user_id INT FOREIGN KEY REFERENCES Users(user_id),
    course_id INT FOREIGN KEY REFERENCES Courses(course_id)
);

CREATE TABLE Submissions (
    submission_id INT IDENTITY PRIMARY KEY,
    user_id INT FOREIGN KEY REFERENCES Users(user_id) ON DELETE CASCADE,
    course_id INT FOREIGN KEY REFERENCES Courses(course_id) ON DELETE CASCADE,
    content NVARCHAR(MAX) NOT NULL,
    feedback NVARCHAR(MAX)
);
```

Output:

```
1. Register
2. Login
3. Create Course (Admin)
4. View All Courses
5. Exit
6. Submit Assignment
7. View Submissions (Admin)
8. Add Feedback to Submission (Admin)
Select an option: |
```

1. Register User:

Before Register:

user_id	name	email	password

After Register:

```
Select an option: 1
Enter your name: Harish
Enter your email: harish.er562@gmail.com
Enter your password: Harish1234
User Harish registered successfully.
```

	user_id	name	email	password
1	2	Harish	harish.er562@gmail.com	90bce5d38354c2293952dd9c86706e4a5dc5a57944e4dcf0...

2. Create Course:

Before Create Course:

course_id	title	description	instructor

After Create Course:

```
Select an option: 3
Enter course title: Python Programming
Enter course description: Learning Python
Enter instructor name: Harish
Course 'Python Programming' created successfully.
```

	course_id	title	description	instructor
1	2	Python Programming	Learning Python	Harish

3. Submit Assignment:

Before Submit Assignment:

submission_id	user_id	course_id	content	feedback

After Submit Assignment:

```
Select an option: 6
Enter your user ID: 2
Enter the course ID: 2
Enter your assignment content: Hello Guys
Assignment submitted successfully.
```

	submission_id	user_id	course_id	content	feedback
1	2	2	2	Hello Guys	NULL

4. Submit Feedback:

Before Submit Feedback:

	submission_id	user_id	course_id	content	feedback
1	2	2	2	Hello Guys	NULL

After Submit Feedback:

```
Select an option: 8
Enter the submission ID to add feedback: 2
Enter feedback: Good
Feedback added successfully.
```

	submission_id	user_id	course_id	content	feedback
1	2	2	2	Hello Guys	Good

5. Exit:

```
1. Register
2. Login
3. Create Course (Admin)
4. View All Courses
5. Exit
6. Submit Assignment
7. View Submissions (Admin)
8. Add Feedback to Submission (Admin)
Select an option: 5
Goodbye!
```