

You are managing a university's database system that tracks students and their enrollments. You need to create two tables: students and enrollments.

1. **Students** will have a student_id (primary key), name, and email.
2. **Enrollments** will store course enrollments with enrollment_id (primary key), student_id (foreign key referencing students), and course_name.

Q1: Create the student's table with a primary key

```
CREATE TABLE students (  
  student_id INT,  
  name VARCHAR(100),  
  email VARCHAR(100)  
  CONSTRAINT stdPk PRIMARY KEY(student_id)  
);
```

Q2: Create the enrollments table with foreign key constraints and Use ON UPDATE CASCADE to enforce referential integrity

```
CREATE TABLE enrollments (  
  enrollment_id INT PRIMARY KEY,  
  student_id INT,  
  course_name VARCHAR(100),  
  CONSTRAINT fk_student FOREIGN KEY (student_id) REFERENCES students(student_id) ON  
  UPDATE CASCADE  
);
```

Q3: Insert two students in the students table

Student_id	name	email
1	John Doe	john@gmail.com
2	Jane Smith	jane@gmail.com

```
INSERT INTO students (student_id, name, email) VALUES  
(1, 'John Doe', 'john@example.com');  
INSERT INTO students (student_id, name, email) VALUES  
(2, 'Jane Smith', 'jane@example.com');
```

Q4: Update a student's name “John Doe” to “Johnathan Doe”

```
UPDATE students  
SET name = 'Johnathan Doe'  
WHERE student_id = 1;
```

Q5: Delete student 2

```
DELETE FROM students  
WHERE student_id = 2;
```