

<b>Name</b>	<b>SHUBHAM</b>
<b>UID</b>	<b>23BCS10290</b>
<b>Section</b>	<b>610-A</b>
<b>Subject</b>	<b>ADBMS</b>

## **PRACTICE-3**

**QUES:**

**ANS:**

DROP TABLE IF EXISTS StudentEnrollments;

```
CREATE TABLE StudentEnrollments (  
    student_id INT PRIMARY KEY,  
    student_name VARCHAR(100),  
    course_id VARCHAR(10),  
    enrollment_date DATE  
);
```

```
INSERT INTO StudentEnrollments VALUES  
(1, 'Ashish', 'CSE101', '2024-06-01'),  
(2, 'Smaran', 'CSE102', '2024-06-01'),  
(3, 'Vaibhav', 'CSE103', '2024-06-01');
```

START TRANSACTION;

UPDATE StudentEnrollments SET enrollment\_date = '2024-07-01' WHERE student\_id = 1;

START TRANSACTION;

UPDATE StudentEnrollments SET enrollment\_date = '2024-07-02' WHERE student\_id = 2;

UPDATE StudentEnrollments SET enrollment\_date = '2024-07-03' WHERE student\_id = 2;

UPDATE StudentEnrollments SET enrollment\_date = '2024-07-04' WHERE student\_id = 1;

START TRANSACTION;

SELECT \* FROM StudentEnrollments WHERE student\_id = 1;

START TRANSACTION;

UPDATE StudentEnrollments SET enrollment\_date = '2024-07-10' WHERE student\_id = 1;

COMMIT;

SELECT \* FROM StudentEnrollments WHERE student\_id = 1;

COMMIT;

SELECT \* FROM StudentEnrollments WHERE student\_id = 1;

START TRANSACTION;

SELECT \* FROM StudentEnrollments WHERE student\_id = 1 FOR UPDATE;

SELECT \* FROM StudentEnrollments WHERE student\_id = 1;

START TRANSACTION;

UPDATE StudentEnrollments SET enrollment\_date = '2024-07-20' WHERE student\_id = 1;

START TRANSACTION;

SELECT \* FROM StudentEnrollments WHERE student\_id = 1;

**OUTPUT:**

student_id	student_name	course_id	enrollment_date
1	Ashish	CSE101	2024-07-10T00:00:00.000Z

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