

## WEEK1 - SESSION 5 / TASK 5

```
mysql> START TRANSACTION;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> INSERT INTO Student
```

```
-> VALUES ('1RV21CS006', 'Vikram', 'vikram@gmail.com', '9876543215', 'CSE');
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> COMMIT;
```

```
Query OK, 0 rows affected (0.01 sec)
```

```
mysql> START TRANSACTION;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> UPDATE Student
```

```
-> SET Department = 'EEE'
```

```
-> WHERE VTU_Number = '1RV21CS003'
```

```
-> ;
```

```
Query OK, 1 row affected (0.01 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> SAVEPOINT sp1;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> DELETE FROM Student
```

```
-> WHERE VTU_Number = '1RV21CS004';
```

```
ERROR 1451 (23000): Cannot delete or update a parent row: a foreign key constraint fails  
(collegedb`.`course`, CONSTRAINT `course_ibfk_1` FOREIGN KEY (Student_ID) REFERENCES  
`student` (VTU_Number))
```

```
mysql> ROLLBACK TO sp1;
```

```
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> COMMIT;
```

```
Query OK, 0 rows affected (0.02 sec)
```