

CS 276 Practice Activity 5

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Ex 1

```
1  -- Practice Activity 5 part 1
2
3  USE MyCollege;
4
5  DECLARE @StudentID INT;
6  SET @StudentID = 10; -- Our target for deletion
7
8  BEGIN TRY
9      BEGIN TRAN
10
11     DELETE StudentCourses WHERE StudentID = @StudentID;
12     DELETE Students WHERE StudentID = @StudentID;
13
14     COMMIT TRAN;
15 END TRY
16 BEGIN CATCH
17     ROLLBACK TRAN;
18 END CATCH
```

PracticeActivity5pt2.sql X

MESSAGES

Timestamp	Message
[3:47:14 PM]	Started executing query at Line 1 (1 row affected) (1 row affected) Total execution time: 00:00:00.003

Ex 2

```
1  -- Practice activity 5 part 2
2
3  USE MyCollege;
4
5  DECLARE @StudentID INT;
6  DECLARE @CourseID INT;
7
8  SET @CourseID = 12;
9
10 BEGIN TRY
11     BEGIN TRAN
12
13     INSERT Students VALUES ('Smith', 'John', GETDATE(), NULL);
14
15     SET @StudentID = @@IDENTITY;
16
17     INSERT StudentCourses VALUES (@StudentID, @CourseID);
18
19     COMMIT TRAN
20 END TRY
21 BEGIN CATCH
22     PRINT 'Rolling back transaction';
23     ROLLBACK TRAN
24 END CATCH
```

PracticeActivity5pt2.sql X

MESSAGES

Timestamp	Message
[3:47:14 PM]	Started executing query at Line 1 (1 row affected) (1 row affected) Total execution time: 00:00:00.003