

**STUDENT ACTIVITY 3.4 KEY: UTILIZING DELETE**

MTA Course: Database Administration Fundamentals

Topic: Delete data

File name: DBAdminFund\_SA\_3.4\_Key

**Lesson Objective:**

**3.4:** Delete data. *This objective may include but is not limited to:* deleting data from single or multiple tables; ensuring data and referential integrity by using transactions.

**Directions to the student:**

Answer the questions on the handout without help from other students.

**Content:**

Apply the following DELETE statements to the data shown below. Record the results in the table views provided.

Student Id	Last_Name	First_Name	Birthday	Tuition	Sex	Class_Id_1 _1	Class_Id_2
1243	Holt	Holly	10-5-1990	10000	F	111	222
2435	Houston	Peter	1-25-1991	5000	M	323	476
3756	Raheem	Michael	6-18-1990	4000	M	222	476
4456	Jacobson	Lola	8-7-1997	9000	F	476	323
5865	Higa	Sidney	11-21-2000	12000	F	111	222
6674	Johnson	Brian	4-15-1989	500	M	222	111
7456	Bentley	Sean	2-17-1990	350	M	111	476
8934	Price	Jeff	10-5-1990	2000	M	222	323
5718	Ashton	Chris	1-1-1951	50	M	222	

**Student\_Info**

Class_Id	Subject	Room	Start_Time
111	English	Hall A	12:30 PM
222	Math	2354c	4:20 PM
323	Science	Hall B	6:15 PM
476	Social Studies	4576c	8:45 AM

**Class\_Info**

## 1. DELETE FROM Class\_Info

Class_Id	Subject	Room	Start_Time	Class_Id	Subject	Room

The table is now empty.

2. DELETE FROM Class\_Info  
WHERE Subject ='Math'

Class_Id	Subject	Room	Start_Time
111	English	Hall A	12:30 PM
323	Science	Hall B	6:15 PM
476	Social Studies	4576c	8:45 AM

3. BEGIN TRAN  
UPDATE Student\_Info SET Class\_Id\_1 = 111  
WHERE Class\_Id\_2 = 476  
UPDATE Student\_Info SET Class\_Id\_2 = 323  
WHERE Class\_Id\_1 = 222  
DELETE FROM Student\_Info  
WHERE Last\_Name ='Williams'  
COMMIT TRAN

Student Id	Last_Name	First_Name	Birthday	Tuition	Sex	Class_Id_1	Class_Id_2
1243	Holt	Holly	10-5-1990	10000	F	111	222
2435	Houston	Peter	1-25-1991	5000	M	111	476
3756	Raheem	Michael	6-18-1990	4000	M	111	476
4456	Jacobson	Lola	8-7-1997	9000	F	476	323
5865	Higa	Sidney	11-21-2000	12000	F	111	222
6674	Johnson	Brian	4-15-1189	500	M	222	323
5718	Ashton	Chris	1-1-1951	50	M	222	323