

Chapter 7 Part 2

How to insert, update, and delete data

Exercises

To test whether a table has been modified correctly as you do these exercises, you can write and run an appropriate SELECT statement.

1. **(15 Points)** Write a SELECT INTO statement to create a copy of the **Products** table called **ProductsCopy**. When writing your statement, instead of using the **CategoryID** column from the **Products** table, use the integer 2 with alias **CategoryID**. Use all of the remaining columns from the **Products** table for the copy table. Only insert rows from the **Products** table where the **CategoryID** does not equal 3.
2. **(25 Points)** Write a MERGE statement which uses the **Products** table as the source table and updates the **ProductsCopy** table based on matching **ProductID** columns from the two tables. If the **ProductID** columns from the table match, then the **CategoryID** from the **ProductsCopy** table should be updated the **CategoryID** in the **Products** table based on the matching **ProductID**. If there are rows in the **Products** table that do not have a match in the **ProductsCopy** table, then they should be inserted into the **ProductsCopy** table.
3. Open the script named CreateMyGuitarShop.sql that's in the Exercise Starts directory. Then, run this script. That should restore the data that's in the database.