Chapter 7

Exercises

1. The Guitar Shop is going to start carrying cases as part of their inventory. Write the statement needed to add Cases to the categories in the database. Code the INSERT statement so SQL Server automatically generates the value for the CategoryID column.

|  |
| --- |
| INSERT INTO Categories  VALUES('Cases') |
|  |
| 5 rows returned |
| Added cases into categories table |
| In class notes and Joe |

1. During a meeting, it was decided that instead of Cases, the Guitar Shop would start using the term Guitar Cases for these items. Write the statement that will update the name of the category Manuals to Teaching Materials. To be sure you are updating the right row, use the CategoryID in your statement.

|  |
| --- |
| UPDATE Categories  SET CategoryName = 'Guitar Cases'  WHERE CategoryID = 5; |
|  |
| 5 rows returned |
| Changed category name where it was ‘cases’ |
| In class notes |

1. Some new items have come into the Guitar Shop and need to be added to the database. Write the statement that will add this product:

ProductID: The next automatically generated ID   
CategoryID: 4  
ProductCode: dgx\_680  
ProductName: Yamaha DGX 680 102-Key Digital Piano  
Description: Long description to come.  
ListPrice: 799.99  
DiscountPercent: 0  
DateAdded: Today’s date/time.

|  |
| --- |
| INSERT INTO Products  (CategoryID, ProductCode, ProductName, Description, ListPrice, DiscountPercent, DateAdded)  VALUES (4, 'dgx\_680', 'Yamaha DGX 680 102-Key Digital Piano', 'Long description to come', 799.99, 0, '2019-10-01 09:50:00') |
|  |
| NA |
| Added values to the Products table |
| In class notes and w3schools |

1. It was later determined that the new product dgx\_680 would have a discount percentage of 30%. Write the statement that will update the product in the database.

|  |
| --- |
| UPDATE Products  SET DiscountPercent = 30  WHERE ProductCode = 'dgx\_680'; |
|  |
| NA |
| Changed discount percent on product code dgx\_680 |
| In class notes |

1. A new customer needs to be added to the database so that their orders can be tracked. Add the following customer to the Guitar Shop’s list:

EmailAddress: john.snyder@microsoft.com  
Password: (empty string)  
FirstName: John  
LastName: Snyder

|  |
| --- |
| INSERT INTO Customers  (EmailAddress, Password, FirstName, LastName)  VALUES ('john.snyder@microsoft.com',  '',  'John',  'Snyder') |
|  |
| NA |
| Insert into customers table |
| In class notes |