Chapter 15 Part 1

How to code stored procedures, functions, and triggers

Exercises

1. **(25 Points)** Write a script that creates and calls a stored procedure named spInsertCategory.

   First, code a statement that creates a procedure that adds a new row to the Categories table. To do that, this procedure should have one parameter for the category name.

   Code at least two EXEC statements that test this procedure (one that fails and one that passes). (Note that this table doesn't allow duplicate category names.)

2. **(25 Points)** Write a script that creates and calls a stored procedure named spInsertProduct that inserts a row into the Products table. This stored procedure should accept five parameters. One parameter for each of these columns: CategoryID, ProductCode, ProductName, ListPrice, and DiscountPercent.

   This stored procedure should set the Description column to an empty string, and it should set the DateAdded column to the current date.

   If the value for the ListPrice column is a negative number, the stored procedure should raise an error that indicates that this column doesn't accept negative numbers. Similarly, the procedure should raise an error if the value for the DiscountPercent column is a negative number.

   Code at least two EXEC statements that test this procedure (one that fails and one that succeeds).