

Module 6: Database Objects

Demonstration: Creating and Using a Stored Procedure

Objectives

In this demonstration, you will see how to:

- Create a parameterized stored procedure.
- Execute a stored procedure by passing input parameter values to it.
- Verify the actions performed by the stored procedure.

Preparation

1. Ensure that the 10985C-MIA-DC and 10985C-MIA-SQL virtual machines are running and then log on to 10985C-MIA-SQL as **ADVENTUREWORKS\Student** with the password **Pa\$\$w0rd**.
2. In the **D:\Demofiles\Mod06** folder, right-click **Setup.cmd**, and then click **Run as administrator**.
3. In the **User Account Control** dialog box, click **Yes**, and wait for setup to complete.

Demonstration Steps

1. Open **Microsoft SQL Server Management Studio**, and then connect to the **MIA-SQL** instance of the database engine by using Windows Authentication.
2. On the **File** menu, point to **Open**, click **File**, browse to **D:\Demofiles\Mod06**, click **Create Stored Procedure.sql**, and then click **Open**.
3. Under the comment **Create the stored procedure**, review the Transact-SQL statements, select them, and then click **Execute**.
4. Under the comment **Execute the stored procedure**, review the Transact-SQL statement, select it, and then click **Execute**.
5. Under the comment **View the results**, review the Transact-SQL statement, select it, and then click **Execute**.
6. Review the results, noting that a row has been added to the **Person.Customer** table with the values specified in the EXEC statement.
7. Close SQL Server Management Studio without saving any changes.

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