Chapter 15 Part 2

How to code stored procedures, functions, and triggers

Exercises

1. **(25 Points)** Write a script that creates and calls a function named fnDiscountPrice that calculates the discount price of an item in the OrderItems table (discount amount subtracted from item price). To do that, this function should accept one parameter for the item ID, and it should return the value of the discount price for that item.

2. **(25 Points)** Create a trigger named Products_UPDATE that checks the new value for the DiscountPercent column of the Products table. This trigger should raise an appropriate error if the discount percent is greater than 100 or less than 0.

   If the new discount percent is between 0 and 1, this trigger should modify the new discount percent by multiplying it by 100. That way, a discount percent of .2 becomes 20.

   Test this trigger with an appropriate UPDATE statement.