Patrick Griffin

CMIN-207-101

Chapter 6 Debugging Exercises

1. Problem: random() arguments are entered backwards

Fix:

Declare Integer count

For count = 1 To 3

Display random(1, 7)

End For

2. Problem: Returning the discount variable instead of the discountPrice variable

Fix:

Function Real calcDiscountPrice(Real price, Real percentage)

Declare Real discount = price \* percentage

Declare Real discountPrice = price - discount

Return discountPrice

End Function

3. Problem: The return value for tenPercent() is never assigned to result variable

Fix:

Module main()

Declare Real value, result

Display "Enter a value."

Input value

Set result = tenPercent(value)

Display "10 percent of ", value, " is ", result

End Module

Function Real tenPercent(Real num)

Return num \* 0.1

End Function