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2. In this text, Function procedure names begin with uppercase letters in order to distinguish them from variable names. Like variable names, however, they can be written with any combination of uppercase and lowercase letters.

3. Function procedures are not required to have any parameters. However, Function procedures without parameters are rarely used and do not appear in this text.

Practice Problems 5.1

1. Suppose a program contains the lines

```
Dim n As Double, x As String
lstOutput.Items.Add(Arc(n, x))
```

What types of inputs (numeric or string) and output does the function Arc have?

2. Determine the error in the following program.

```
Private Sub btnOutput_Click(...) Handles btnOutput.Click
  Dim num As Integer = 3
  Dim word As String = "Visual"
  MessageBox.Show("The third letter of the word is " &
               FindLetter(word, num) & ".")
End Sub

Function FindLetter(num As Integer, word As String) As String
  Return word.Substring(num - 1, 1)
End Function
```

EXERCISES 5.1

In Exercises 1 through 10, determine the output displayed when the button is clicked.

1.
```
Private Sub btnConvert_Click(...) Handles btnConvert.Click
   'Convert Celsius to Fahrenheit
   Dim temp As Double = 15
   txtOutput.Text = CStr(CtoF(temp))
End Sub

Function CtoF(t As Double) As Double
   Return ((9 / 5) * t) + 32
End Function
```

2.
```
Private Sub btnDisplay_Click(...) Handles btnDisplay.Click
   Dim acres As Double 'number of acres in a parking lot
   acres = 5
   txtOutput.Text = "You can park about " & Cars(acres) & " cars."
End Sub

Function Cars(x As Double) As Double
   'Number of cars that can be parked on x acres
   Return 100 * x
End Function
```

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