

Next to each line in the Load method, write the output. Use the margins to trace the code.

Public Class Form1

```
Dim mintNums() As Integer = {0, 1, 2, 3, 4, 5, 6, 7, 8, 9}
```

```
Private Sub Form1_Load(. . .)
```

```
    TextBox1.Text = Sum(mintNums, 4)      1. _____
```

```
    TextBox2.Text = Sum2(mintNums, 3)    2. _____
```

```
    TextBox3.Text = Whatever(mintNums, 7) 3. _____
```

```
    TextBox4.Text = Sum3(mintNums)       4. _____
```

```
    TextBox5.Text = Num(mintNums)       5. _____
```

```
End Sub
```

```
Private Function Sum(ByVal intNums() As Integer, ByVal intEnd As Integer) As Integer
```

```
    Dim J As Integer = 1
```

```
    Dim intSum As Integer = 0
```

```
    For J = 0 To intEnd
```

```
        intSum += intNums(J)
```

```
    Next
```

```
    Return intSum
```

```
End Function
```

```
Private Function Sum2(ByVal intNums() As Integer, ByVal intStep As Integer) As Integer
```

```
    Dim J As Integer = 0
```

```
    Dim intSum As Integer = 0
```

```
    For J = 0 To intNums.Length - 1 Step intStep
```

```
        intSum += intNums(J)
```

```
    Next
```

```
    Return intSum
```

```
End Function
```

```
Private Function Whatever(ByVal intNums() As Integer, ByVal intKey As Integer) As Boolean
```

```
    Dim J As Integer = 0
```

```
    For J = 0 To intNums.Length() - 1
```

```
        If (intNums(J) = intKey) Then
```

```
            Return True
```

```
        End If
```

```
    Next
```

```
    Return False
```

```
End Function
```

```
Private Function Sum3(ByVal intNums() As Integer) As Integer
```

```
    Dim intOdds As Integer = 0
```

```
    Dim intEvens As Integer = 0
```

```
    Dim J As Integer = 0
```

```
    For J = 0 To intNums.Length() - 2 Step 2
```

```
        intOdds += intNums(J)
```

```
        intEvens += intNums(J + 1)
```

```
    Next
```

```
    Return intOdds - intEvens
```

```
End Function
```

```
Private Function Num(ByVal intNums() As Integer) As Integer
```

```
    Dim intPos As Integer = intNums(0)
```

```
    If (intPos < intNums.Length()) Then
```

```
        Return intNums(intPos)
```

```
    End If
```

```
    Return -1
```

```
End Function
```