

Next to each line in the Load method, write the output that would appear in the corresponding label.

```
Dim mNums() As Integer = {0, 2, 30, 14, 15, 26, 5, 11}
```

```
Dim mDecimalNums() As Double = {1.3, 4.4, 2.3, 5.1, 3.8}
```

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

```
    Label1.Text = Average(4, 6)
```

1. _____

```
    Label2.Text = Round(12.5)
```

2. _____

```
    Label3.Text = ArrayAverage(mNums)
```

3. _____

```
    Label4.Text = ArraySum(mDecimalNums)
```

4. _____

```
    Label5.Text = ArrayAverage2(mDecimalNums)
```

5. _____

```
    Label6.Text = ArrayProduct(mNums, mDecimalNums)
```

6. _____

```
End Sub
```

```
-----  
Private Function Average(ByVal num1 As Integer, ByVal num2 As Integer) As Double
```

```
    Return (num1 + num2) / 2
```

```
End Function
```

```
-----  
Private Function Round(ByVal num1 As Double) As Integer
```

```
    Return Math.Floor(num1 + 0.5)
```

```
End Function
```

```
-----  
Private Function ArrayAverage(ByVal nums() As Integer) As Double
```

```
    Dim sum As Integer = 0
```

sum

J

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

```
        sum += nums(J)
```

```
    Next
```

```
    Return sum/nums.Length()
```

```
End Function
```

```
-----  
Private Function ArraySum(ByVal decimalNums() As Double) As Double
```

```
    Dim sum As Double = 0
```

sum

J

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

```
        sum += decimalNums(J)
```

```
    Next
```

```
    Return sum
```

```
End Function
```

```
-----  
Private Function ArrayAverage2(ByVal decimalNums() As Double) As Double
```

```
    Return ArraySum(decimalNums)/decimalNums.Length()
```

```
End Function
```

```
-----  
Private Function ArrayProduct(ByVal A() As Integer, ByVal B() As Double) As Double
```

```
    Dim product As Double = 0
```

product

sum

length

J

```
    Dim sum As Double = 0
```

```
    Dim length As Integer = Math.Min(A.Length(), B.Length())
```

```
    For J = 0 To length - 1
```

```
        product = A(J) * B(J)
```

```
        sum += product
```

```
    Next
```

```
    Return sum
```

```
End Function
```