Visual Basic   Name -
Ch. 3 Worksheet #2
                                                Period –

Trace the following code segments. Show the trace of values for each variable in the appropriate columns.

1.
```
Dim intSum As Integer = 0          intSum              i
Dim i as Integer = 0

For i = 1 To 10
    intSum = intSum + i + (i - 1)
Next
```

2.
```
Dim intCount As Integer = 0        intCount        i
Dim i As Integer = 0

For i = 1 To 35 Step 2
    intCount = intCount + 1
Next
```

3.
```
Dim dblTotal As Double = 0.0       dblTotal        i
Dim i As Integer = 0

For i = 1 To 10
    dblTotal = dblTotal + i * 0.5
Next
```

4.
```
Dim intIterations As Integer = 0   intIterations  intRow     intColumn
Dim intRow as Integer = 0
Dim intColumn As Integer = 0
Dim intColSum As Integer = 0
Dim intRowSum As Integer = 0

For intRow = 1 To 3

    For intColumn = 1 to 4
        intIterations = intIterations + 1     intColSum       intRowSum
        intColSum = intColSum + intColumn
        intRowSum = intRowSum + intRow
    Next intColumn

Next intRow
```