Visual Basic Name -
Tracing For Loops Worksheet #5

Trace the following code segments showing the values for each variable in the appropriate columns. Write "infinite loop" if the loop never ends. Write "error" if you think there is a syntax error. Circle your final values.

1.

```
Dim intSum As Integer = 0

For J = 1 To 4
     intSum = intSum + J + (J - 1)
Next
```

intSum	J

2.

```
Dim intCount As Integer = 0
Dim intUpperLimit As Integer = 7

For J = 1 To intUpperLimit Step 2
     intCount = intCount + 1
Next
```

intCount	intUpperLimit	J

3.

```
Dim dblTotal As Double = 0.0

For J = 2 To 8 Step 2
     dblTotal = dblTotal + J * 0.5
Next
```

dblTotal	J

4.

```
For J = 1 To 10
     J = J - 1
Next
```

intCount	J