

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 sum As Integer = 0           sum           J  
  
For J = 1 To 4  
    sum = sum + J + (J - 1)  
Next
```

```
2.  
Dim count As Integer = 0         count         upperLimit         J  
Dim upperLimit As Integer = 7  
  
For J = 1 To upperLimit Step 2  
    count = count + 1  
Next
```

```
3.  
Dim total As Double = 0.0       total         J  
  
For J = 2 To 8 Step 2  
    total = total + J * 0.5  
Next
```

```
4.  
  
For J = 1 To 10                 J  
    J = J - 1  
Next
```