

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 + 1  
Next

  

2.  
Dim intSum As Integer = 100                                      intSum                          i  
Dim i as Integer = 0

For i = 20 To 1 Step -3  
    intSum = intSum - i  
Next

  

3.  
Dim dblTotal As Double = 1                                      dblTotal          intLimit          intDeposit  
Dim intLimit as Integer = 50  
Dim intDeposit As Integer = 0

For intDeposit = 0 To intLimit Step 10  
    dblTotal = dblTotal + intDeposit \* 0.1  
Next

  

4.  
Dim intNum1 As Integer = 1                                      intNum1          intNum2          intNew          i  
Dim intNum2 As Integer = 1  
Dim intNew as Integer = 0  
Dim i as Integer = 0

For i = 0 To 6  
    intNew = intNum1 + intNum2  
    intNum1 = intNum2  
    intNum2 = intNew  
Next