

Questions 1[en]5 are true or false.

1. A Step amount in a For loop must be an Integer value.

FALSE

2. Loops may only be nested one level deep. In other words, you can nest one loop inside another, but not a loop inside a loop inside another loop.

FALSE

3. Breakpoints can only be used in conjunction with loops.

FALSE

4. For loops can Step in positive or negative increments.

TRUE

5. An MS flex grid's indices start at 1.

FALSE

6. What is the value in the label lblOutput after the following code has been executed?

```
Dim intCounter As Integer

For intCounter = 10 To 1 Step -3
    lblOutput.Text &= intCounter.ToString & " "
Next intCounter
```

10 7 4 1

7. What is the value in the label lblOutput after the following code has been executed?

```
Dim intCounter As Integer

For intCounter = -1 To 1 Step 2
    lblOutput.Text &= intCounter.ToString & " "
Next intCounter
```

-1 1

8. What is the value in the label lblOutput after the following code has been executed?

```
Dim intCounter As Integer

intCounter = 10
Do
    intCounter = intCounter - 2
    lblOutput.Text &= intCounter.ToString & " "
Loop Until (intCounter <= 5)
```

8 6 4

9. What is the value in the label lblOutput after the following code has been executed?

```
Dim intCounter As Integer

intCounter = 0
Do
    intCounter = intCounter + 2
    lblOutput.Text &= intCounter.ToString & " "
Loop While (intCounter > 5)
```

2

10. What is the value in the label `lblOutput` after the following code has been executed?

```
Dim intCounter As Integer

intCounter = -10
Do
    intCounter = intCounter + 2
    lblOutput.Text &= intCounter.ToString & " "
Loop While (intCounter > 10)
```

-8

11. What is the value in the label `lblOutput` after the following code has been executed?

```
Dim sngCounter As Single
Dim sngTotal As Single

sngTotal = 0

For sngCounter = 0.5 To 3.5 Step 0.5
    sngTotal += sngCounter
Next sngCounter

lblOutput.Text = sngTotal.ToString
```

14