

Answer the following exercises **and trace the variables** using the following arrays. Write "error" if an error would occur.

```
Dim mNums() As Integer = {15, 33, 12, -7, 14, 10}
```

```
Dim mScores() As Integer = {59, 75, 92, 88, 70, 95, 92}
```

```
Private Sub Form1_Load(. . .)
```

```
Label1.Text = mNums(0) 1. _____
```

```
Label2.Text = mNums(6) 2. _____
```

```
Label3.Text = mNums.Length() 3. _____
```

```
Label4.Text = mNums(mNums.Length()) 4. _____
```

```
Label5.Text = mNums(mNums.Length() - 1) 5. _____
```

```
-----  
Dim total As Integer = 0 J total
```

```
For J = 2 To 6 Step 2  
total = total + mScores(J)  
Next
```

```
Label6.Text = total 6. _____
```

```
-----  
Dim sum As Integer = 0
```

```
For J = mScores.Length() - 1 To 0 Step -1 J sum  
sum += mScores(J)
```

```
If (sum > 200) Then  
Exit For  
End If
```

```
Next
```

```
Label7.Text = sum 7. _____
```

```
-----  
Dim count As Integer = 0 J count
```

```
For J = 0 To mScores.Length() - 1
```

```
If (mScores(J) = 92) Then  
count += 1  
End If
```

```
Next
```

```
Label8.Text = count 8. _____
```

```
-----  
Dim max As Integer = mScores(0) J max positionOfMax
```

```
Dim positionOfMax As Integer = 0
```

```
For J = 1 To mScores.Length() - 1
```

```
If (mScores(J) > max) Then  
max = mScores(J)  
positionOfMax = J  
End If
```

```
Next
```

```
Label9.Text = max 9. _____
```

```
Label10.Text = positionOfMax 10. _____
```

```
End Sub
```

11. Which exercise(s) above use a sequential search to find a specific value in the array mScores?