

Trace the following code segments. Assume all variables are declared & initialized to zero. Circle the final values of each variable in each exercise.

1. intCount J K

```
Dim strNames() As String = {"Jane", "Sally", "Bill", "Fred", "Mary"}
For J = 0 To strNames.Length() - 1
    For K = 0 to strNames(J).Length() - 1
        If (strNames(J).Substring(K, 1) = "a" Or strNames(J).Substring(K, 1) = "i") Then
            intCount += 1
        End If
    Next K
Next J
```

2. intLength strWord J

```
strWord = "Mississippi"
intLength = strPhrase.Length()
For J = intLength - 1 To 1 Step -1
    If (strWord.Substring(J, 1) = strWord.Substring(J - 1, 1) Then
        strWord = strWord.Substring(0, J) + strWord.Substring(J + 1)
    End If
Next
```