Trace the following code segments. Assume that all variables are initialized to zero. Delimit string values with double quotes and represent blank spaces as the letter b with a slash through it (ƀ).

1.

```
word = "alphabet"

For J = 0 to 7

     If (word.Substring(J, 1) < "k") Then
          lessThanK = lessThanK + 1
     Else
          greaterThanK = greaterThanK + 1
     End If

Next
```

<u>J</u>   <u>lessThanK</u>   <u>greaterThanK</u>

2.

```
name = "Wyo_Spartans"
length = name.Length()

For J = length - 1 To 0 Step -1
   part = name.Substring(J)

   If (part = "Spartans") Then
       Exit For
   End If

Next
```

<u>part</u>   <u>J</u>