Explain the following lines of code in plain English

1. If (Up And SortedChars(y) < endValue) Or (Not Up And SortedChars(y) > endValue) Then
   
   IF the list is to be sorted in ascending order and the current element of the array is less than the last one
   OR IF the list is to be sorted in descending order and the current element of the array is greater than the last one
   THEN .. do the following

2. Wait 0.1 'for effect
   
   Delay everything for 0.1 seconds

3. lblChar(z).Caption = Chr(Int(Rnd() * 26) + 65
   
   Place a random letter (between A and Z) in the current label (i.e. the one with index value 'z')

Extensions

4. Modify the code to randomly generate lowercase letters (ASCII values 97-122) rather than uppercase letters.
   
   lblChar(z).Caption = Chr(Int(Rnd() * 26) + 97

5. There is a logical error in the program. Try clicking on the Ascending button while it is sorting into Descending order. Is the list sorted correctly? How could you fix this?

   Disable the option buttons at the start of the sort procedure and enable them at the end.

   OptAsc.Enabled = False
   OptDesc.Enabled = False
   OptAsc.Enabled = True
   OptDesc.Enabled = True

   OR: A simpler way is to disable the Frame:

   Frame1.enabled =false
   Frame1.enabled = true