Structured Programming - Repetition

The syntax for repetition structure is:

```
For counter = start to end [Step stepvalue]
    [statements]
    [statements]
Next counter
```

An example code is the following:

```
Dim x as integer
For x = 0 to 10 step 1
    Some instructions
next x
```

If you need to quit the loop before it finishes all iterations, use `Exit For`. Create an application allowing the user to add items to a combo box.

The statement `Me.ComboBox1.Items.Clear()` will clear all the contents of the combo box.

Other Repetition Structures

VB supports two other forms of repetition and these are:

```
Do While condition
    statements
Loop
```

or

```
Do
    statements
Loop While condition
```

You can use `Exit Do` to exit the loop.

The first one loops as long as a condition is true. The second one loops until a condition becomes true.