The If-Then End If

VB6 uses the same simplistic and easily comprehensible syntax for If-Then Statements as in (BASIC) language. The If-Then Statement can be written as:

If (Expression) Then

(Multiple lines of code to execute)

End If

When the (Expression) which is written after (If) is true the compiler will execute all the codes written below (If) keyword until it reaches (End If), (False) statements will be written below (End If) keyword.

For more understanding let us take an example:

Ex: Write a program to print the information about the student as the user input the name of the student as shown in the table below:

<table>
<thead>
<tr>
<th>Student name</th>
<th>Exam1</th>
<th>Exam2</th>
<th>Exam3</th>
<th>Exam4</th>
<th>Exam5</th>
</tr>
</thead>
<tbody>
<tr>
<td>kamal</td>
<td>22</td>
<td>33</td>
<td>44</td>
<td>55</td>
<td>66</td>
</tr>
<tr>
<td>ahmed</td>
<td>44</td>
<td>55</td>
<td>66</td>
<td>77</td>
<td>88</td>
</tr>
<tr>
<td>jamal</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>50</td>
<td>60</td>
</tr>
<tr>
<td>karem</td>
<td>70</td>
<td>80</td>
<td>90</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

Input the student name by (input box function) appears in the location (10000, 4000), print the results on the form by the font (Arial), (Bold) with the size (12), let the program carry out results continuously. Use (If Then End If) statement to solve the example, use (s) to stop the input of the values of (q). Use constant spaces to print the information’s in the table.
So:

1- Design part: No design part for such example.
2- Coding part: The coding part might be written as below:

Private Sub Form_Activate( )
Font.Name = "arial"
Font.Bold = True
Font.Size = 12
Print "Student", "Exam1", "Exam2", "Exam3", "Exam4", "Exam5"
Print "Name"

start:
n = InputBox("input kamal or ahmed or jamal or karem or q", "input", , 10000, 4000)
If n = "s" Then Exit Sub
If n = "kamal" Then
Print "kamal", "22", "33", "44", "55", "66"
GoTo start
End If
If n = "ahmed" Then
Print "ahmed", "44", "55", "66", "77", "88"
GoTo start
End If
If n = "jamal" Then
Private Sub Form_Activate()
    Font.Name = "arial"
    Font.Bold = True
    Font.Size = 12
    n = 2225
    start:
    If n / 7 = Int(n / 7) And n / 2 <> Int(n / 2) Then
Print "n="; n, "n/7 ="; n / 7

GoTo 100

End If

100 If n > 2650 Then

Exit Sub

End If

End Sub