

Steps for creating the anonymous ID:

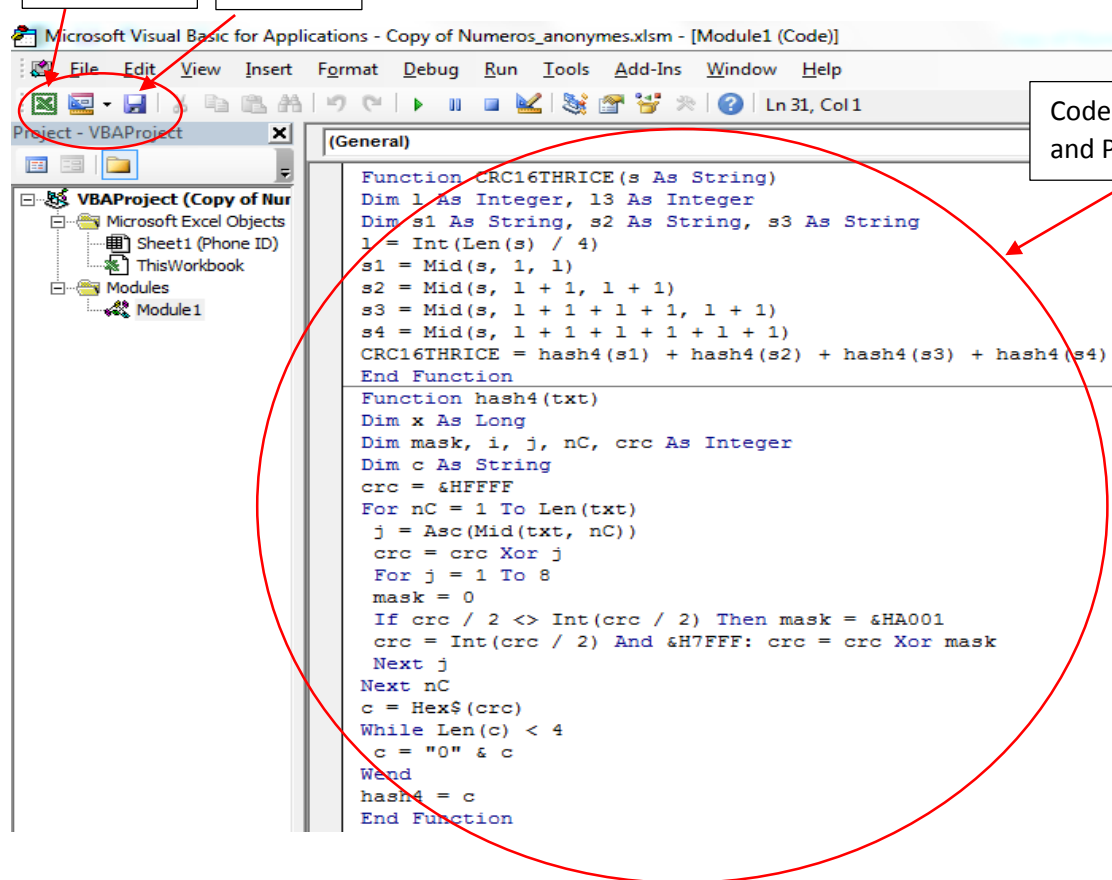
- 1) Open excel
- 2) Enter in VBA Clicking ALT+F11
- 3) Go to INSERT→ MODULE
- 4) Copy and paste the following function in VBA:

```
Function CRC16THRICE(s As String)
Dim l As Integer, l3 As Integer
Dim s1 As String, s2 As String, s3 As String
l = Int(Len(s) / 4)
s1 = Mid(s, 1, l)
s2 = Mid(s, l + 1, l + 1)
s3 = Mid(s, l + 1 + l + 1, l + 1)
s4 = Mid(s, l + 1 + l + 1 + l + 1)
CRC16THRICE = hash4(s1) + hash4(s2) + hash4(s3) + hash4(s4)
End Function
Function hash4(txt)
Dim x As Long
Dim mask, i, j, nC, crc As Integer
Dim c As String
crc = &HFFFF
For nC = 1 To Len(txt)
    j = Asc(Mid(txt, nC))
    crc = crc Xor j
    For j = 1 To 8
        mask = 0
        If crc / 2 <> Int(crc / 2) Then mask = &HA001
        crc = Int(crc / 2) And &H7FFF: crc = crc Xor mask
    Next j
Next nC
c = Hex$(crc)
While Len(c) < 4
    c = "0" & c
Wend
hash4 = c
End Function
```

5) Save and Go in excel

Go to excel

Save



Code you copied and Pasted

```

Function CRC16THRICE(s As String)
Dim l As Integer, 13 As Integer
Dim s1 As String, s2 As String, s3 As String
l = Int (Len(s) / 4)
s1 = Mid(s, 1, l)
s2 = Mid(s, l + 1, l + 1)
s3 = Mid(s, l + 1 + l + 1, l + 1)
s4 = Mid(s, l + 1 + l + 1 + l + 1)
CRC16THRICE = hash4(s1) + hash4(s2) + hash4(s3) + hash4(s4)
End Function

Function hash4(txt)
Dim x As Long
Dim mask, i, j, nC, crc As Integer
Dim c As String
crc = &HFFFF
For nC = 1 To Len(txt)
j = Asc(Mid(txt, nC))
crc = crc Xor j
For j = 1 To 8
mask = 0
If crc / 2 <> Int(crc / 2) Then mask = &HA001
crc = Int(crc / 2) And &H7FFF: crc = crc Xor mask
Next j
Next nC
c = Hex$(crc)
While Len(c) < 4
c = "0" & c
Wend
hash4 = c
End Function
  
```

6) And write: **=CRC16THRICE (<column with phone numbers>)**

FILE HOME INSERT PAGE LAYOUT FORMULAS		
<div> <div>Cut Copy Paste Format Painter</div> <div>Clipboard</div> </div>		
<div> <div>Font</div> <div> <div>12</div> <div>A^A</div> </div> </div>		
<div> <div>SUM</div> <div> <div>✕</div> <div>✓</div> <div><i>f_x</i></div> </div> <div>=CRC16THRICE(A2)</div> </div>		
	A	B
1	Numeros de telephone	Unique ID
2	6960780802	=CRC16THRICE(A2)
3	6960780800	02D618C4DFE5A415
4	6963208768	02D6EB04D923C217
5	6944870406	02D61C27D9D5A695
6	6947279288	02D6EBA78B53A213
7	6953691771	02D628F58BF554D6

7) After you click OK, you'll have the unique ID.

The screenshot shows the Microsoft Excel interface with the 'HOME' tab selected. The ribbon includes 'Clipboard' (Cut, Copy, Paste, Format Painter) and 'Font' (Calibri, 12, Bold, Italic, Underline, Text Color, Background Color). The formula bar shows 'C7' and a function icon. Below the ribbon is a table with two columns: 'Numeros de telephone' and 'Unique ID'. The table contains 8 rows of data. A red circle highlights the table area.

	A	B
1	Numeros de telephone	Unique ID
2	6960780802	02D618C4DFE56594
3	6960780800	02D618C4DFE5A415
4	6963208768	02D6EB04D923C217
5	6944870406	02D61C27D9D5A695
6	6947279288	02D6EBA78B53A213
7	6953691771	02D628F58BF554D6
8	6956094283	02D67A76D8366552

YOU ARE DONE!!!