

Content of 2008 Scripting Games Advanced VBScript Event 1.vbs (Site 1)

' This is my Solution for the Scripting Games 2008
' For more Information look at
' <http://www.microsoft.com/technet/scriptcenter/funzone/games/games08.msp>

Option Explicit

```
Dim ofso : Set ofso = Createobject("Scripting.FileSystemObject")
Const ForReading = 1
Const ForWriting = 2
Const ForAppending = 8
```

Call Main()

```
' .....
Sub Main()

Dim arrWords, iCount

Dim iPhoneNumber : iPhoneNumber = InputBox("Could I Get Your Phone Number?","Your Phone Number?")

Select Case iPhoneNumber

Case false

Case Else

If iPhoneNumber > "" then

arrWords = ReadFileToArray("C:\Scripts\wordlist.txt")

If IsArray(arrWords) then

For iCount = 0 to UBound(arrWords)

If ConvertWords(arrWords(iCount)) = iPhoneNumber then

Msgbox arrWords(iCount)
Exit For

End if

Next

End if

End Select

Set ofso = nothing

End Sub
```

```
' .....
Private Function ReadFileToArray(strFile)

Dim strNextLine, arrstrList
Dim arrLines()
Dim iCount : iCount = 0

If ofso.FileExists(strFile) then

Dim oFile : Set oFile = ofso.OpenTextFile(strFile, ForReading)

Do Until oFile.AtEndOfStream

Redim Preserve arrLines(iCount)
arrLines(iCount) = oFile.ReadLine
iCount = iCount + 1

Loop

oFile.Close

End if

Set oFile = nothing

If IsArray(arrLines) then ReadFileToArray = arrLines

End Function
```

```
' .....
Private Function ConvertWords(strWord)

Dim iCount, strLetter
Dim strNumber : strNumber = ""

If Len(strWord) = 7 then

For iCount = 1 to Len(strWord)

strLetter = UCase(Mid(strWord, iCount, 1))

Select Case strLetter

Case "A","B","C"
strNumber = strNumber & "2"

Case "D","E","F"
strNumber = strNumber & "3"

Case "G","H","I"
strNumber = strNumber & "4"

Case "J","K","L"
strNumber = strNumber & "5"

Case "M","N","O"
strNumber = strNumber & "6"

Case "P","R","S"
strNumber = strNumber & "7"

Case "T","U","V"
strNumber = strNumber & "8"

Case "W","X","Y"
```

Content of 2008 Scripting Games Advanced VBScript Event 1.vbs (Site 2)

```
    strNumber = strNumber & "9"  
End Select  
Next  
End if  
If strNumber > "" then ConvertWords = strNumber  
End Function
```