

Content of 2008 Scripting Games Sudden Death Event 6.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 iCount
Dim arrLines
Dim vString
Dim rString()
```

```
arrLines = ReadFileToArray("C:\Scripts\lettercase.txt")
```

```
If IsArray(arrLines) then
vString = Trim(arrLines(0))
End if
```

```
ReDim rString(Len(vString) - 1)
For iCount = 0 to UBound(rString)
rString(iCount) = Mid(vString,iCount + 1,1)
Next
```

```
For iCount = 0 to UBound(rString)
If InstrCheck("[A-Z]", rString(iCount)) then
rString(iCount) = LCase(rString(iCount))
```

```
Elseif InstrCheck("[a-z]", rString(iCount)) then
rString(iCount) = UCase(rString(iCount))
```

```
Elseif IsNumeric(rString(iCount)) then
rString(iCount) = rString(iCount) - 1
End if
Next
```

```
wscript.echo Join(rString,"")
```

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 InstrCheck(strPattern, strSearch)
```

```
Dim oRegExp : Set oRegExp = CreateObject("VBScript.RegExp")
```

```
Dim colMatches, strMatch
oRegExp.Global = True
oRegExp.Pattern = strPattern
```

```
Set colMatches = oRegExp.Execute(strSearch)
```

```
If colMatches.Count > 0 Then
InstrCheck = true
Else
InstrCheck = false
End if
```

```
End Function
```