Content of Calculate MD5 Hash.vbs (Site 1)

```vbs
Private lngTrack
Private arrLongConversion(4)
Private arrSplit64(63)

Private Const OFFSET_4 = 4294967296
Private Const MAXINT_4 = 2147483647

Private Const S11 = 7
Private Const S12 = 12
Private Const S13 = 17
Private Const S14 = 22
Private Const S21 = 5
Private Const S22 = 9
Private Const S23 = 14
Private Const S24 = 20
Private Const S31 = 4
Private Const S32 = 11
Private Const S33 = 16
Private Const S34 = 23
Private Const S41 = 6
Private Const S42 = 10
Private Const S43 = 15
Private Const S44 = 21


' ------ Call MD5 Hash Function for your file here !
msgbox MD5FileHash("C:\Windows\system32\cmd.exe")


' --------------------------
Public Function MD5FileHash(strFile)

 Dim strMD5 : strMD5 = ""
 Dim ofso : Set ofso = CreateObject("Scripting.FileSystemObject")

 If ofso.FileExists(strFile) then

  strMD5 = BinaryToString(ReadTextFile(strFile, ""))

  MD5FileHash = CalculateMD5(strMD5)

 Else

  MD5FileHash = strFile & VbCrLf & "Error: File not found"

 End if

End Function


' -------------------------------------
Function ReadTextFile(FileName, CharSet)

 Const adTypeText = 2
 Dim BinaryStream : Set BinaryStream = CreateObject("ADODB.Stream")

 BinaryStream.Type = adTypeText

 If Len(CharSet) > 0 Then

  BinaryStream.CharSet = CharSet

 End If

 BinaryStream.Open
 BinaryStream.LoadFromFile FileName

 ReadTextFile = BinaryStream.ReadText

End Function

' ---------------------------
Function BinaryToString(Binary)

 Dim cl1, cl2, cl3, pl1, pl2, pl3
 Dim L
  cl1 = 1
  cl2 = 1
  cl3 = 1
  L = LenB(Binary)

 Do While cl1<=L

  pl3 = pl3 & Chr(AscB(MidB(Binary,cl1,1)))
  cl1 = cl1 + 1
  cl3 = cl3 + 1

  If cl3>300 Then
   pl2 = pl2 & pl3
   pl3 = ""
   cl3 = 1
   cl2 = cl2 + 1

   If cl2>200 Then

    pl1 = pl1 & pl2
    pl2 = ""
    cl2 = 1

   End If
  End If
 Loop

 BinaryToString = pl1 & pl2 & pl3

End Function

' -------------------------------------------------------
Private Function MD5Round(strRound, a, b, C, d, X, S, ac)

 Select Case strRound

  Case "FF"
   a = MD5LongAdd4(a, (b And C) Or (Not (b) And d), X, ac)
   a = MD5Rotate(a, S)
   a = MD5LongAdd(a, b)

  Case "GG"
   a = MD5LongAdd4(a, (b And d) Or (C And Not (d)), X, ac)
   a = MD5Rotate(a, S)
   a = MD5LongAdd(a, b)
```

Content of Calculate MD5 Hash.vbs (Site 2)

```
 Case "HH"
  a = MD5LongAdd4(a, b Xor C Xor d, X, ac)
  a = MD5Rotate(a, S)
  a = MD5LongAdd(a, b)

 Case "II"
  a = MD5LongAdd4(a, C Xor (b Or Not (d)), X, ac)
  a = MD5Rotate(a, S)
  a = MD5LongAdd(a, b)
 End Select

End Function

' -------------------------------------------
Private Function MD5Rotate(lngValue, lngBits)

 Dim lngSign
 Dim lngI

 lngBits = (lngBits Mod 32)

 If lngBits = 0 Then MD5Rotate = lngValue: Exit Function

 For lngI = 1 To lngBits
  lngSign = lngValue And &HC0000000
  lngValue = (lngValue And &H3FFFFFFF) * 2
  lngValue = lngValue Or ((lngSign < 0) And 1) Or (CBool(lngSign And &H40000000) And &H80000000)
 Next

 MD5Rotate = lngValue

End Function

' ---------------------
Private Function TRID()

 Dim sngNum, lngnum
 Dim strResult

 sngNum = Rnd(2147483648)
 strResult = CStr(sngNum)

 strResult = Replace(strResult, "0.", "")
 strResult = Replace(strResult, ".", "")
 strResult = Replace(strResult, "E-", "")

 TRID = strResult

End Function

' -------------------------------------------------
Private Function MD564Split(lngLength, bytBuffer())

 Dim lngBytesTotal, lngBytesToAdd
 Dim intLoop, intLoop2, lngTrace
 Dim intInnerLoop, intLoop3

 lngBytesTotal = lngTrack Mod 64
 lngBytesToAdd = 64 - lngBytesTotal
 lngTrack = (lngTrack + lngLength)

 If lngLength >= lngBytesToAdd Then

  For intLoop = 0 To lngBytesToAdd - 1
   arrSplit64(lngBytesTotal + intLoop) = bytBuffer(intLoop)
  Next

  MD5Conversion arrSplit64

  lngTrace = (lngLength) Mod 64

  For intLoop2 = lngBytesToAdd To lngLength - intLoop - lngTrace Step 64

   For intInnerLoop = 0 To 63
    arrSplit64(intInnerLoop) = bytBuffer(intLoop2 + intInnerLoop)
   Next

  MD5Conversion arrSplit64

  Next

  lngBytesTotal = 0
 Else

  intLoop2 = 0

 End If

 For intLoop3 = 0 To lngLength - intLoop2 - 1

  arrSplit64(lngBytesTotal + intLoop3) = bytBuffer(intLoop2 + intLoop3)

 Next

End Function

' ---------------------------------------
Private Function MD5StringArray(strInput)

 Dim intLoop
 Dim bytBuffer()
 ReDim bytBuffer(Len(strInput))

 For intLoop = 0 To Len(strInput) - 1
  bytBuffer(intLoop) = Asc(Mid(strInput, intLoop + 1, 1))
 Next

 MD5StringArray = bytBuffer

End Function

' -----------------------------------
Private Sub MD5Conversion(bytBuffer())

 Dim X(16), a
 Dim b, C
 Dim d

 a = arrLongConversion(1)
 b = arrLongConversion(2)
 C = arrLongConversion(3)
 d = arrLongConversion(4)
```

Content of Calculate MD5 Hash.vbs (Site 3)

```vbs
  MD5Decode 64, X, bytBuffer

  MD5Round "FF", a, b, C, d, X(0), S11, -680876936
  MD5Round "FF", d, a, b, C, X(1), S12, -389564586
  MD5Round "FF", C, d, a, b, X(2), S13, 606105819
  MD5Round "FF", b, C, d, a, X(3), S14, -1044525330
  MD5Round "FF", a, b, C, d, X(4), S11, -176418897
  MD5Round "FF", d, a, b, C, X(5), S12, 1200080426
  MD5Round "FF", C, d, a, b, X(6), S13, -1473231341
  MD5Round "FF", b, C, d, a, X(7), S14, -45705983
  MD5Round "FF", a, b, C, d, X(8), S11, 1770035416
  MD5Round "FF", d, a, b, C, X(9), S12, -1958414417
  MD5Round "FF", C, d, a, b, X(10), S13, -42063
  MD5Round "FF", b, C, d, a, X(11), S14, -1990404162
  MD5Round "FF", a, b, C, d, X(12), S11, 1804603682
  MD5Round "FF", d, a, b, C, X(13), S12, -40341101
  MD5Round "FF", C, d, a, b, X(14), S13, -1502002290
  MD5Round "FF", b, C, d, a, X(15), S14, 1236535329

  MD5Round "GG", a, b, C, d, X(1), S21, -165796510
  MD5Round "GG", d, a, b, C, X(6), S22, -1069501632
  MD5Round "GG", C, d, a, b, X(11), S23, 643717713
  MD5Round "GG", b, C, d, a, X(0), S24, -373897302
  MD5Round "GG", a, b, C, d, X(5), S21, -701558691
  MD5Round "GG", d, a, b, C, X(10), S22, 38016083
  MD5Round "GG", C, d, a, b, X(15), S23, -660478335
  MD5Round "GG", b, C, d, a, X(4), S24, -405537848
  MD5Round "GG", a, b, C, d, X(9), S21, 568446438
  MD5Round "GG", d, a, b, C, X(14), S22, -1019803690
  MD5Round "GG", C, d, a, b, X(3), S23, -187363961
  MD5Round "GG", b, C, d, a, X(8), S24, 1163531501
  MD5Round "GG", a, b, C, d, X(13), S21, -1444681467
  MD5Round "GG", d, a, b, C, X(2), S22, -51403784
  MD5Round "GG", C, d, a, b, X(7), S23, 1735328473
  MD5Round "GG", b, C, d, a, X(12), S24, -1926607734

  MD5Round "HH", a, b, C, d, X(5), S31, -378558
  MD5Round "HH", d, a, b, C, X(8), S32, -2022574463
  MD5Round "HH", C, d, a, b, X(11), S33, 1839030562
  MD5Round "HH", b, C, d, a, X(14), S34, -35309556
  MD5Round "HH", a, b, C, d, X(1), S31, -1530992060
  MD5Round "HH", d, a, b, C, X(4), S32, 1272893353
  MD5Round "HH", C, d, a, b, X(7), S33, -155497632
  MD5Round "HH", b, C, d, a, X(10), S34, -1094730640
  MD5Round "HH", a, b, C, d, X(13), S31, 681279174
  MD5Round "HH", d, a, b, C, X(0), S32, -358537222
  MD5Round "HH", C, d, a, b, X(3), S33, -722521979
  MD5Round "HH", b, C, d, a, X(6), S34, 76029189
  MD5Round "HH", a, b, C, d, X(9), S31, -640364487
  MD5Round "HH", d, a, b, C, X(12), S32, -421815835
  MD5Round "HH", C, d, a, b, X(15), S33, 530742520
  MD5Round "HH", b, C, d, a, X(2), S34, -995338651

  MD5Round "II", a, b, C, d, X(0), S41, -198630844
  MD5Round "II", d, a, b, C, X(7), S42, 1126891415
  MD5Round "II", C, d, a, b, X(14), S43, -1416354905
  MD5Round "II", b, C, d, a, X(5), S44, -57434055
  MD5Round "II", a, b, C, d, X(12), S41, 1700485571
  MD5Round "II", d, a, b, C, X(3), S42, -1894986606
  MD5Round "II", C, d, a, b, X(10), S43, -1051523
  MD5Round "II", b, C, d, a, X(1), S44, -2054922799
  MD5Round "II", a, b, C, d, X(8), S41, 1873313359
  MD5Round "II", d, a, b, C, X(15), S42, -30611744
  MD5Round "II", C, d, a, b, X(6), S43, -1560198380
  MD5Round "II", b, C, d, a, X(13), S44, 1309151649
  MD5Round "II", a, b, C, d, X(4), S41, -145523070
  MD5Round "II", d, a, b, C, X(11), S42, -1120210379
  MD5Round "II", C, d, a, b, X(2), S43, 718787259
  MD5Round "II", b, C, d, a, X(9), S44, -343485551

  arrLongConversion(1) = MD5LongAdd(arrLongConversion(1), a)
  arrLongConversion(2) = MD5LongAdd(arrLongConversion(2), b)
  arrLongConversion(3) = MD5LongAdd(arrLongConversion(3), C)
  arrLongConversion(4) = MD5LongAdd(arrLongConversion(4), d)

End Sub

' -------------------------------------------
Private Function MD5LongAdd(lngVal1, lngVal2)

 Dim lngHighWord
 Dim lngLowWord
 Dim lngOverflow

 lngLowWord = (lngVal1 And &HFFFF&) + (lngVal2 And &HFFFF&)
 lngOverflow = lngLowWord \ 65536
 lngHighWord = (((lngVal1 And &HFFFF0000) \ 65536) + ((lngVal2 And &HFFFF0000) \ 65536) + lngOverflow) And &HFFFF&

 MD5LongAdd = MD5LongConversion((lngHighWord * 65536) + (lngLowWord And &HFFFF&))

End Function

' -----------------------------------------------------------
Private Function MD5LongAdd4(lngVal1, lngVal2, lngVal3, lngVal4)

 Dim lngHighWord
 Dim lngLowWord
 Dim lngOverflow

 lngLowWord = (lngVal1 And &HFFFF&) + (lngVal2 And &HFFFF&) + (lngVal3 And &HFFFF&) + (lngVal4 And &HFFFF&)
 lngOverflow = lngLowWord \ 65536
 lngHighWord = (((lngVal1 And &HFFFF0000) \ 65536) + ((lngVal2 And &HFFFF0000) \ 65536) + ((lngVal3 And &HFFFF0000) \ 65536) + ((lngVal4 And &HFFFF0000) \ 65536) + lngOverflow) And &HFFFF&
 MD5LongAdd4 = MD5LongConversion((lngHighWord * 65536) + (lngLowWord And &HFFFF&))

End Function

' -----------------------------------------------------------
Private Sub MD5Decode(intLength, lngOutBuffer(), bytInBuffer())

 Dim intDblIndex
 Dim intByteIndex
 Dim dblSum

 intDblIndex = 0

 For intByteIndex = 0 To intLength - 1 Step 4

  dblSum = bytInBuffer(intByteIndex) + bytInBuffer(intByteIndex + 1) * 256 + bytInBuffer(intByteIndex + 2) * 65536 + bytInBuffer(intByteIndex + 3) * 16777216
  lngOutBuffer(intDblIndex) = MD5LongConversion(dblSum)
  intDblIndex = (intDblIndex + 1)

 Next
```

```vbscript
End Sub

' -------------------------------------------
Private Function MD5LongConversion(dblValue)

 If dblValue < 0 Or dblValue >= OFFSET_4 Then Error 6

 If dblValue <= MAXINT_4 Then
  MD5LongConversion = dblValue
 Else
  MD5LongConversion = dblValue - OFFSET_4
 End If

End Function

' --------------------
Private Sub MD5Finish()

 Dim dblBits
 Dim arrPadding(72)
 Dim lngBytesBuffered

 arrPadding(0) = &H80

 dblBits = lngTrack * 8

 lngBytesBuffered = lngTrack Mod 64

 If lngBytesBuffered <= 56 Then
  MD564Split (56 - lngBytesBuffered), arrPadding
 Else
  MD564Split (120 - lngTrack), arrPadding
 End If

 arrPadding(0) = MD5LongConversion(dblBits) And &HFF&
 arrPadding(1) = MD5LongConversion(dblBits) \ 256 And &HFF&
 arrPadding(2) = MD5LongConversion(dblBits) \ 65536 And &HFF&
 arrPadding(3) = MD5LongConversion(dblBits) \ 16777216 And &HFF&
 arrPadding(4) = 0
 arrPadding(5) = 0
 arrPadding(6) = 0
 arrPadding(7) = 0

 MD564Split 8, arrPadding

End Sub

' -------------------------------------
Private Function MD5StringChange(lngnum)

 Dim bytA
 Dim bytB
 Dim bytC
 Dim bytD

 bytA = lngnum And &HFF&
 If bytA < 16 Then
  MD5StringChange = "0" & Hex(bytA)
 Else
  MD5StringChange = Hex(bytA)
 End If

 bytB = (lngnum And &HFF00&) \ 256
 If bytB < 16 Then
  MD5StringChange = MD5StringChange & "0" & Hex(bytB)
 Else
  MD5StringChange = MD5StringChange & Hex(bytB)
 End If

 bytC = (lngnum And &HFF0000) \ 65536
 If bytC < 16 Then
  MD5StringChange = MD5StringChange & "0" & Hex(bytC)
 Else
  MD5StringChange = MD5StringChange & Hex(bytC)
 End If

 If lngnum < 0 Then
  bytD = ((lngnum And &H7F000000) \ 16777216) Or &H80&
 Else
  bytD = (lngnum And &HFF000000) \ 16777216
 End If

 If bytD < 16 Then
  MD5StringChange = MD5StringChange & "0" & Hex(bytD)
 Else
  MD5StringChange = MD5StringChange & Hex(bytD)
 End If

End Function

' ------------------------
Private Function MD5Value()

 MD5Value = LCase(MD5StringChange(arrLongConversion(1)) & MD5StringChange(arrLongConversion(2)) & MD5StringChange(arrLongConversion(3)) & MD5StringChange(arrLongConversion(4)))

End Function

' ----------------------------------------------------
Public Function CalculateMD5(strMessage)

 Dim bytBuffer

 bytBuffer = MD5StringArray(strMessage)

 MD5Start

 MD564Split Len(strMessage), bytBuffer

 MD5Finish

 CalculateMD5 = MD5Value

End Function

' --------------------
Private Sub MD5Start()

 lngTrack = 0
 arrLongConversion(1) = MD5LongConversion(1732584193)
 arrLongConversion(2) = MD5LongConversion(4023233417)
 arrLongConversion(3) = MD5LongConversion(2562383102)
 arrLongConversion(4) = MD5LongConversion(271733878)
```

End Sub