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

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

Option Explicit

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


Call Main()


' ---------------------------------------
Sub Main()

Dim arrSkater, iCount, iCount2
Dim arrSkaterCalc(), arrTmpSkater
Dim arrSkaterEndPoints()
Dim iPointsWin, iPoints

arrSkater = ReadFileToArray("C:\Scripts\skaters.txt")

 If IsArray(arrSkater) then

 ReDim arrSkaterCalc(UBound(arrSkater), 7)
 ReDim arrSkaterEndPoints(UBound(arrSkater), 1)


 For iCount = 0 to UBound(arrSkater)

 If IsArray(arrTmpSkater) then Erase arrTmpSkater
 arrTmpSkater = Split(arrSkater(iCount), ",", -1, 1)

 Call SortArray(arrTmpSkater, "ASC")

 For iCount2 = 0 to UBound(arrTmpSkater)

 arrSkaterCalc(iCount,iCount2) = arrTmpSkater(iCount2)

 Next

 Next

 For iCount = 0 to UBound(arrSkaterCalc)

 iPoints = CInt(arrSkaterCalc(iCount,1)) _
 + CInt(arrSkaterCalc(iCount,2)) _
 + CInt(arrSkaterCalc(iCount,3)) _
 + CInt(arrSkaterCalc(iCount,4)) _
 + CInt(arrSkaterCalc(iCount,5))
 iPointsWin = iPoints / 5

 arrSkaterEndPoints(iCount,0) = iPointsWin
 arrSkaterEndPoints(iCount,1) = arrSkaterCalc(iCount,7)

 Next

 Call SortArrayDim2(arrSkaterEndPoints, "DESC")

 wscript.echo "Gold medal: " & arrSkaterEndPoints(0, 1) & _
 ", " & arrSkaterEndPoints(0, 0)
 wscript.echo "Silver medal: " & arrSkaterEndPoints(1, 1) & _
 ", " & arrSkaterEndPoints(1, 0)
 wscript.echo "Bronze medal: " & arrSkaterEndPoints(2, 1) & _
 ", " & arrSkaterEndPoints(2, 0)

 End if

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 SortArray(SourceArray, strSortTyp)

Dim Sorted, iCount, Temp

Sorted = False

Do While Not Sorted
Sorted = True

 For iCount = 0 To UBound(SourceArray) - 1

 Select Case UCase(strSortTyp)

 Case "ASC"

If UCase(SourceArray(iCount)) > UCase(SourceArray(iCount + 1)) Then
      Temp = SourceArray(iCount + 1)
```

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

```vbscript
            SourceArray(iCount + 1) = SourceArray(iCount)
            SourceArray(iCount) = Temp
            Sorted = False
        End If

    Case "DESC"

If UCase(SourceArray(iCount)) < UCase(SourceArray(iCount + 1)) Then
            Temp = SourceArray(iCount + 1)
            SourceArray(iCount + 1) = SourceArray(iCount)
            SourceArray(iCount) = Temp
            Sorted = False
        End If

    End Select

    Next

Loop

End Function

' --------------------------------------
Private Function SortArrayDim2(SourceArray, strSortTyp)

Dim Sorted, iCount, Temp, Temp2

    Sorted = False

Do While Not Sorted
Sorted = True

    For iCount = 0 To UBound(SourceArray) - 1

    Select Case UCase(strSortTyp)

    Case "ASC"

If UCase(SourceArray(iCount, 0)) > UCase(SourceArray(iCount + 1, 0)) Then
            Temp = SourceArray(iCount + 1, 0)
            Temp2 = SourceArray(iCount + 1, 1)
            SourceArray(iCount + 1, 0) = SourceArray(iCount, 0)
            SourceArray(iCount + 1, 1) = SourceArray(iCount, 1)
            SourceArray(iCount, 0) = Temp
            SourceArray(iCount, 1) = Temp2
            Sorted = False
        End If

    Case "DESC"

If UCase(SourceArray(iCount, 0)) < UCase(SourceArray(iCount + 1, 0)) Then
            Temp = SourceArray(iCount + 1, 0)
            Temp2 = SourceArray(iCount + 1, 1)
            SourceArray(iCount + 1, 0) = SourceArray(iCount, 0)
            SourceArray(iCount + 1, 1) = SourceArray(iCount, 1)
            SourceArray(iCount, 0) = Temp
            SourceArray(iCount, 1) = Temp2
            Sorted = False
        End If

    End Select

    Next

Loop

End Function
```