'input an array of 10 elements. store even and odd number in different arrays and display contents of all the arrays.

Module Module1

Sub Main()

Dim arr(10) As Integer

Dim oddarr(10) As Integer

Dim evenarr(10) As Integer

Dim oddFlag, evenFlag As Integer

Dim i As Integer

Console.WriteLine("------Enter any ten numbers------")

For i = 0 To 9 Step 1

arr(i) = CInt(Console.ReadLine())

Next

Console.WriteLine("------Youhave entered------")

For i = 0 To 9 Step 1

Console.Write(arr(i).ToString & vbTab)

Next

For i = 0 To 9 Step 1

If arr(i) Mod 2 = 0 Then

ReDim Preserve evenarr(evenFlag)

evenarr(evenFlag) = arr(i)

evenFlag = evenFlag + 1

Else

ReDim Preserve oddarr(oddFlag)

oddarr(oddFlag) = arr(i)

oddFlag = oddFlag + 1

End If

Next

Console.WriteLine("------Odd array------")

For i = 0 To oddarr.Length - 1 Step 1

Console.Write(oddarr(i).ToString & vbTab)

Next

Console.WriteLine(vbCrLf & "------Even array------")

For i = 0 To evenarr.Length - 1 Step 1

Console.Write(evenarr(i).ToString & vbTab)

Next

Console.ReadKey()

End Sub

End Module



