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Option Explicit On
Imports System.IO
Module Module1
    Structure TStudent
        Dim First As String
        Dim Last As String
        Dim Score As Integer
    End Structure
    Dim FileOut As StreamWriter
    Sub Main()
        Dim I, L, x, y, An, St, Qu As Integer
        Dim RandomN As New Random
        Console.WriteLine(" How many Students?") : St = Console.ReadLine()
        Console.WriteLine("How many Questions?") : Qu = Console.ReadLine()
        Dim Student(St) As TStudent
        For I = 1 To St
            Console.WriteLine("First Name of Student " & I & " ?") :
Student(I).First = Console.ReadLine()
            Console.WriteLine(" Last Name of Student " & I & " ?") :
Student(I).Last = Console.ReadLine()
            Student(I).Score = 0
            For L = 1 To Qu
                x = RandomN.Next(1, 12)
                y = RandomN.Next(1, 12)
                Console.WriteLine("What is " & x & " x " & y & "?") : An =
Console.ReadLine()
                If An = x * y Then
                    Console.WriteLine("Correct")
                    Student(I).Score = Student(I).Score + 1
                Else
                    Console.WriteLine("Wrong - The answer was " & x * y)
                End If
                Console.WriteLine(" " & Student(I).First & "'s score is now "
& Student(I).Score & " out of " & L)
            Next
            Console.WriteLine(".....Test ended.")
        Next
        Sort()
        FileOut = New StreamWriter("D:\Out.csv")
        FileOut.WriteLine("Last Name, First Name, Score, Out of")
        For I = 1 To St
            FileOut.WriteLine(Student(I).Last & "," & Student(I).First & ","
& Student(I).Score & "," & Qu)
        Next
        FileOut.Close()
    End Sub
    Sub Sort()
        Dim Swap As Integer
        Swap = False
        Do While Swap = True

            Loop
        End Sub
End Module

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