Imports System.IO

'This program demonstrates reading and writing to files using the FileStream,

'StreamReader and StreamWriter classes

Module Module1

Sub Main()

'Declarations

Dim line As String = ""

'Create FileStream and StreamReader for reading and existing file

'File must be stored in the same folder as the executable

' Project Name\bin\Debug

Dim fs As New FileStream("names.txt", FileMode.Open, FileAccess.Read)

Dim textfile As New StreamReader(fs)

'Read in set of data from text file

While textfile.Peek <> -1

line = textfile.ReadLine()

Console.WriteLine(line)

End While

'Close StreamReader and FileStream

textfile.Close()

fs.Close()

'Create FileStream and StreamWriter for Writing

Dim fs2 As New FileStream("names2.txt", FileMode.Create, FileAccess.Write)

Dim textfile2 As New StreamWriter(fs2)

'Enter 5 names and write them to a file

For i = 1 To 5

Console.Write("Enter a name: ")

line = Console.ReadLine()

textfile2.WriteLine(line)

Next

'Close StreamWriter and FileStream

textfile2.Close()

fs2.Close()

'Create FileStream and StreamReader for reading the file we just wrote

Dim fs3 As New FileStream("names2.txt", FileMode.Open, FileAccess.Read)

Dim textfile3 As New StreamReader(fs3)

'Read in set of data from text file

While textfile3.Peek <> -1

line = textfile3.ReadLine()

Console.WriteLine(line)

End While

'Close StreamReader and FileStream

textfile3.Close()

fs3.Close()

End Sub

End Module