

Using StreamWriter 3

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/*
 * C# Programmers Pocket Consultant
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 */
using System;
using System.IO;

namespace Client.Chapter_11___File_and_Streams
{
    public class UsingStreamWriter {
        static void Main(string[] args)
        {
            //StreamWriter can only be use to write to files or other
            streams
            StreamWriter MyStreamWriter = new
            StreamWriter(@"c:ProjectsTesting.txt");

            //You can also use FileStream with StreamWriter to provide a
            greater degree of control
            //in how you open the file
            FileStream MyFileStream = new
            FileStream(@"c:ProjectsTesting.txt", FileMode.CreateNew,
            FileAccess.Write, FileShare.None);
            StreamWriter MyStreamWriter2 = new StreamWriter(MyFileStream);

            MyFileStream.Close();
            MyStreamWriter2.Close();

            //You can write sequentially to a file using this technique
            FileInfo MyFile = new FileInfo(@"c:ProjectsTesting.txt");
            StreamWriter MyStreamWriter3 = MyFile.CreateText();
        }
    }
}
```

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MyStreamWriter3.Close();

//There are four overloaded ways to use StreamWriter.Write()
//Writes a stream to a file
string MyString = "Hello World";

MyStreamWriter.Write(MyString);

//Writes single characters to a stream
char MyChar = 'A';

MyStreamWriter.Write(MyChar);

//Writes an Array of characters
char[] MyCharArray = new char[100];

for (int i = 0; i < 99; i++) { MyCharArray[i] = (char)i; }
MyStreamWriter.Write(MyCharArray); //or you can write a
portion of an array MyStreamWriter.Write(MyCharArray, 25, 30);
MyStreamWriter.Close(); } } } [/csharp]
```