static void Main(string[] args)

{

StringBuilder s = new StringBuilder();

StringWriter wr = new StringWriter();

wr.Write("ABC");

wr.Write("DEF");

char ch;

StringReader read = new StringReader(wr.ToString());

while (read.Peek() > -1)

{

ch = (char)read.Read();

Console.WriteLine(ch);

}

}

**static** **void** Main(**string**[] args)

        {

            StringWriter str = **new** StringWriter();

            str.WriteLine("Hello, this message is read by StringReader class");

            str.Close();

            // Creating StringReader instance and passing StringWriter

            StringReader reader = **new** StringReader(str.ToString());

            // Reading data

**while** (reader.Peek() > -1)

            {

                Console.WriteLine(reader.ReadLine());

            }

        }

StringBuilder builder = **new** StringBuilder("Mahesh Chand");

builder.Append(", ");

builder.Append("Chris Love");

builder.Append(", Praveen Kumar");

/ Create a string and concatenate 10 strings

// Using + operator

**string** str = **string**.Empty;

DateTime startTime = DateTime.Now;

**for** (**int** i = 0; i < 10; i++)

{

str += i.ToString();

}

TimeSpan ts = DateTime.Now - startTime;

Console.WriteLine($"Execution time (10) using + operator: {ts.TotalMilliseconds}");

// Concatenation using StringBuilder

StringBuilder builder = **new** StringBuilder();

startTime = DateTime.Now;

**for** (**int** i = 0; i < 10; i++)

{

builder.Append(i.ToString());

}

ts = DateTime.Now - startTime;

Console.WriteLine($"Execution time (10) using SB: {ts.TotalMilliseconds}");

**using** System;

**using** System.Collections.Generic;

**using** System.Linq;

**using** System.Text;

**namespace** StringBuilderClass

{

**class** Program

    {

**static** **void** Main(**string**[] args)

        {

            String MyName;

            StringBuilder MyOtherName = **new** StringBuilder("Hello");

            MyOtherName.Remove(2, 3); // produces "He"

            MyOtherName.Insert(2, "lp"); // produces "Help"

            MyOtherName.Replace('l', 'a'); // produces "Heap"

            MyName = MyOtherName.ToString();

        }

    }

}