

1. (String)

; C# System.String .

. S tring

가

System.StringBuilder . System.String string

System.Stringgm string

가

1-1.

1)

```
string strimsi= Myname: \ t parkhyungbum ;
```

2) 가

가	
\ t	TA b
\ r	
\ n	()
\ b	
\ 0	null
\ \	(\)
\ '	(')
\ "	(")
\ uABCD	(ABCD)

1-2.

1)

```
; string new
```

```
string strnew = "new ";
string strnew1= new string( 'a',5);
string strnew2 = new string(obj.ToString());
```

1-3.

1)

; string + ' Concat .

```
string strnew = "park";
string strnew1 = strnew + "hyungbum";
strnew1 = String.Concat(strnew, "hyungbum");
```

1-4. (static)

Compare	가 String .
Concat	String 가 Object String .
Copy	String String
Equals	String 가 .
Format	String .
Intern	String .
Join	가 .

1-5. (public ())

Cole	String .
CompartTo	String .
CopyTo	String 가 , String .
EndWith	String 가 .
Equals	가 가 .
IndexOf	가 ,.
Insert	String 가
LastIndexOf	가 .
PadLeft	.
PadRight	.
Remove	.
Replace	ㄷ.

Split	String .
StartsWith	String 가 .
SubString	. .
Trim	. .
TrimEnd	. .
TrimStart	. .

2. StringBuilder

; Strng 가 .
 StringBuilder
 . StringBuilder String ToString
 .

2-1.

Capacity	StringBuilder가 가 .
Chars	, .
Length	. .
MaxCapacity	StringBuilder 가 가 .

2-1.

Append	StringBuilder 가 .
AppendFormt	가 가 .
EnsureCapacity	StringBuilder 가 Capacity 가 .
Insert	가 .
Remove	. .
Replace	. .
ToString	StringBuilder가 가 String .

)

Mainclass.cs

```
namespace StringBuilderTest
{
    using System;
    using System.Text;

    /// <summary>
    ///     Summary description for Class1.
    /// </summary>
    public class MainClass
    {
        public static void Main()
        {
            //string stroid = "i am a man";
            string stroid = "i am a man";

            //string stroid = "i am a man";
            //StringBuilder stbuilder = new StringBuilder(stroid);
            StringBuilder stbuilder = new StringBuilder(stroid);

            stbuilder.Replace("am", "was");

            stbuilder.Append("!!");

            string strnew = stbuilder.ToString();
            Console.WriteLine("{0}", strnew);

            stbuilder.Insert(2, "hello ");
            Console.WriteLine(stbuilder.ToString());

            Console.WriteLine("=====");

            string imsi = "park";
            string imsi1 = "kim";
```

```
        if(imsi.Equals(imsi1))
        {
            Console.WriteLine("      가
가      ");
        }else
        {
            Console.WriteLine("      가
가      .");
        }
    }
}
```

```
C:\F:\WC#\consoleSample\StringBuilderTest\bin\Debug\StringBu
i was a man!!
i hello was a man!!
=====
두 객체가 서로 다른 문자열을 가지고 있습니다.
Press any key to continue_
```