

# The super-string class.

```
using System;

public class MyString {
private string fString;

public MyString() {
fString = "";
}

public MyString(string inStr) {
fString = inStr;
}

public stringToStr() {
return fString;
}

public string Right(int nChars) {
if (nChars > fString.Length)
return fString;

string s = "";
for (int i = fString.Length - nChars; i < fString.Length; ++i)
s += fString[i];
return s;
}

public string Left(int nChars) {
if (nChars > fString.Length)
return fString;

string s = "";
for (int i = 0; i < nChars; ++i)
s += fString[i];
return s;
}

public string Mid(int nStart, int nEnd) {
if (nStart < 0 || nEnd > fString.Length)
return fString;

if (nStart > nEnd)
return "";

string s = "";
for (int i = nStart; i < nEnd; ++i)
s += fString[i];
return s;
}

} } class Class1 { static void Main(string[] args) {
MyString s = new MyString("Hello world");
System.Console.WriteLine("s =

```

```
{0}", s.ToString()); System.Console.WriteLine("Right 3 = [{0}]",
s.Right(3)); System.Console.WriteLine("Left  6 = [{0}]",
s.Left(6)); System.Console.WriteLine("Mid  2,4 = [{0}]",
s.Mid(2, 4)); } } [/csharp]
```