**Useful C# string methods:**

**x = “Hello”**

**x.length** – number of characters in variable x - **5**

**x.ToUpper()** – Converts x to uppercase  
**HELLO**

**x.ToLower()** – Converts x to lowercase  
**hello**

**x.Contains(***parameter***)** – returns **true** if parameter is included in the variable x:  
**x.Contains(“o”)  
true  
x.Contains(“w”)  
false**

**x[index]** – returns individual characters of string:  
**x[0]  
H  
x[4]  
O**

**x.IndexOf(“sample”)** – returns index position within variable x that the sample starts:  
**x.IndexOf(“lo”)  
3**

**x.Substring(start index, length{opt})** – returns part of string starting from start index and optionally of a certain length:  
**x.Substring(1)  
ello  
x.Substring(1,3)  
ell**

**x.Split(*value*) – returns array of strings separated by delimiter “*value*” passed  
x.Split(l); //i.e. he|l|lo (delimiter not passed in to array)  
{he,,o}  
x.Split(l).length;  
3**