

left justify and align a set of strings to improve the appearance of program output

```
using System;
```

```
class Class1 {
public static void Main(string[] args) {
string[] names = {"CA ", " SA", "J A", "SA", " SA "};

foreach (string s in names) {
Console.WriteLine("This is the name '{0}' before", s);
}
string[] sAlignedNames = TrimAndPad(names);

foreach (string s in sAlignedNames) {
Console.WriteLine("This is the name '{0}' afterwards", s);
}
}

public static string[] TrimAndPad(string[] strings) {
string[] stringsToAlign = new String[strings.Length];

for (int i = 0; i < stringsToAlign.Length; i++) {
stringsToAlign[i] = strings[i].Trim(); } int nMaxLength = 0;
foreach (string s in stringsToAlign) { if (s.Length >
nMaxLength) {
nMaxLength = s.Length;
}
}
for (int i = 0; i < stringsToAlign.Length; i++) {
stringsToAlign[i] = stringsToAlign[i].PadRight(nMaxLength +
1); } return stringsToAlign; } } [/csharp]
```