PadLeft и PadRight

string MyString = "Hello World!"; Console.WriteLine(MyString.PadLeft(20, '-'));

В этом примере отобразится « --------Hello World! »

Пример1

var outputs = new List<string>() {

"this is output",

"this is also output",

"output",

"my output"

};

var size = outputs.Max (str => str.Length) + 5;

Console.WriteLine (

string.Join(Environment.NewLine,

outputs.Select (str => str.PadRight( size ) + "Text" ) )

);

/\*

this is output Text

this is also output Text

output Text

my output Text

\*/

Пример2

public string[] RightAlignment(int lengthStr)

{

List<string> str = new List<string> { "" };

int i = 0, currLength = 0; ;

for (Node<string> word = Text.Nil.Next; word != Text.Nil; word = word.Next)

{

if (currLength == 0)

{

str[i] += word.Value;

currLength = word.Value.Length;

}

else if (currLength + 1 + word.Value.Length <= lengthStr)

{

str[i] += " " + word.Value;

currLength += word.Value.Length + 1;

}

else

{

str[i] = str[i].PadLeft(lengthStr, ' ');

i++;

str.Add(word.Value);

currLength = word.Value.Length;

}

}

str[i] = str[i].PadLeft(lengthStr, ' ');

return str.ToArray();

}