**7 kyu**

**Reversing Fun**

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C#

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You are going to be given a string. Your job is to return that string in a certain order that I will explain below:

Let's say you start with this: 012345

The first thing you do is reverse it:543210  
Then you will take the string from the 1st position and reverse it again:501234  
Then you will take the string from the 2nd position and reverse it again:504321  
Then you will take the string from the 3rd position and reverse it again:504123

Continue this pattern until you have done every single position, and then you will return the string you have created. For this particular number, you would return:504132

#Input: A string of length 1 - 1000

#Output: A correctly reordered string.

<https://www.codewars.com/kata/reversing-fun/csharp>

public static string FlipNumber(string n)

{

//Assert.AreEqual("9081726354", Kata.FlipNumber("0123456789"));

int i = 0, j = n.Length - 1;

string concat = "";

while (i < j) concat += (n[j--] + "" + n[i++]);

if (i == j) concat += n[i];

return concat;

}