**7 kyu**

**The Office III - Broken Photocopier**

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C#

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The bloody photocopier is broken... Just as you were sneaking around the office to print off your favourite binary code!

Instead of copying the original, it reverses it: '1' becomes '0' and vice versa.

Given a string of binary, return the version the photocopier gives you as a string.

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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

//static int maxProduct(List<int> numbers, int sub\_size)

//{

// //std::sort(numbers.begin(), numbers.end());

// numbers.Sort();

// int prod\_neg = 1;

// int i;

// for (i = 0; i < numbers.Count && i < sub\_size; i++)

// {

// prod\_neg \*= numbers[i];

// }

// if (sub\_size % 2 != 0)

// {

// if (numbers[i] != 0)

// {

// prod\_neg /= numbers[i];

// }

// }

// int cont = 0;

// for(i = numbers.Count-1; i>=0 ; )

//}

public static string Broken(string x)

{

char[] ch = x.ToCharArray();

for(int i =0; i<ch.Length; i++) ch[i] = ch[i] == '1' ? '0' : '1';

return new string(ch);

}

static void Main(string[] args)

{

Console.ReadLine();

}

}

}