

In this challenge, the task is to debug the existing code to successfully execute all provided test files.

Given two strings consisting of digits 0 and 1 only, find the XOR of the two strings.

To know more about XOR [Click Here](#)

Debug the given function `strings_xor` to find the XOR of the two given strings appropriately.

Note: You can modify at most three lines in the given code and you cannot add or remove lines to the code.

To restore the original code, click on the icon to the right of the language selector.

Input Format

The input consists of two lines. The first line of the input contains the first string, *s*, and the second line contains the second string, *t*.

Constraints

- $1 \leq |s| \leq 10^4$
- $|s| = |t|$

Output Format

Print the string obtained by the XOR of the two input strings in a single line.

Sample Input

```
10101
00101
```

Sample Output

```
10000
```

Explanation

The XOR of the two strings **10101** and **00101** is **$1 \oplus 0, 0 \oplus 0, 1 \oplus 1, 0 \oplus 0, 1 \oplus 1 = 10000$** .

Change Theme

Language

Python 3



```
1 def strings_xor(s, t):
2     res = ""
3     for i in range(len(s)):
4         if s[i] == t[i]:
5             res += '0'
6         else:
7             res += '1'
8
9     return res
10
11 s = input()
12 t = input()
13 print(strings_xor(s, t))
14
15
16
17
```

Line: 7 Col: 18

Upload Codeas File

☐ Test against custom input

Run Code

Submit Code

Congratulations

You solved this challenge. Would you like to challenge your friends?



Next Challenge

Test case 0

Test case 1

Test case 2

Compiler Message

Success