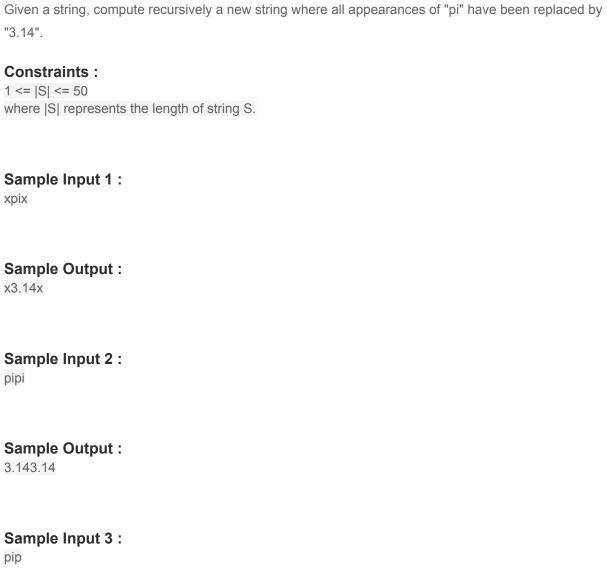
Replace pi (recursive) Send Feedback Given a string, compute recursive

Sample Output:

3.14p



Remove X Send Feedback Given a string, compute recursively a new string where all 'x' chars have been removed. Input format: String S **Output format:** Modified String **Constraints:** 1 <= |S| <= 10^3 where |S| represents the length of string S. Sample Input 1: xaxb **Sample Output 1:** ab

Sample Input 2:

Sample Output 2:

abc

abc

String to Integer

Send Feedback

Write a recursive function to convert a given string into the number it represents. That is input will be a numeric string that contains only numbers, you need to convert the string into corresponding integer and return the answer.

Input format:

Numeric string S (string, Eg. "1234")

Output format:

Corresponding integer N (int, Eg. 1234)

Constraints:

 $0 \le |S| \le 9$

where |S| represents length of string S.

Sample Input 1:

00001231

Sample Output 1:

1231

Sample Input 2:

12567

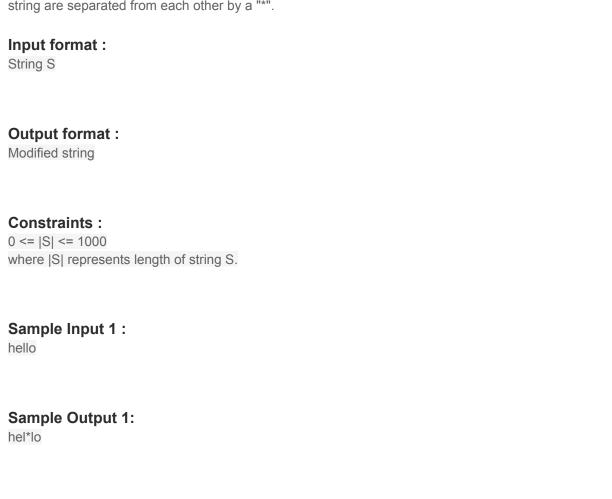
Sample Output 2:

12567

Pair Star

20	nc	1 6	0	b۵	lh	20	ゝレ

Given a string S, compute recursively a new string where identical chars that are adjacent in the original string are separated from each other by a "*".



Sample Input 2:

aaaa

Sample Output 2:

a*a*a*a

Tower of Hanoi

Send Feedback

Tower of Hanoi is a mathematical puzzle where we have three rods and n disks. The objective of the puzzle is to move all disks from source rod to destination rod using third rod (say auxiliary). The rules are .

- 1) Only one disk can be moved at a time.
- 2) A disk can be moved only if it is on the top of a rod.
- 3) No disk can be placed on the top of a smaller disk.

Print the steps required to move n disks from source rod to destination rod.

Source Rod is named as 'a', auxiliary rod as 'b' and destination rod as 'c'.

Input Format:

Integer n

Output Format:

Steps in different lines (in one line print source and destination rod name separated by space)

Constraints:

0 <= n <= 20

Sample Input 1:

2

Sample Output 1:

a b

ас

bс

Sample Input 2:

3

Sample Output 2:

ас

a b

c b

ас

b a

bс

ас