Problem J. Compress a string

OS Linux

Given a string, compress the given string. See example for more details.

Input Format

Input contains a string S, consisting of lowercase and uppercase characters.

Constraints

1 <= len(S) <= 100

Output Format

Print the compressed string.

Input	Output
aaaBBBBhhhekkL	a3B4h3e1k2L1

Explanation 0

In the given string, a is repeating for 3 times continuosly. So after compression it becomes a3.
Similarly,
B is repeating for 4 times - B4
h is repeating for 3 times - h3
e is repeating for 1 times - e1
k is repeating for 2 times - k2
L is repeating for 1 times - L1