

Input

Example for a valid message :

"\$\$\$>312|dfe|KFE|@!#<\$\$\$"

Output

- The **possible** outputs are:
 - "Try another password!"
 - "Password: {encrypted password}"

Examples

Input	Output	Comment
3 ##>00 no NO !!!?<### ##>123 yes YES !!!<## \$\$<111 noo NOPE <<>\$\$	Try another password! Password: 123yesYES!!! Try another password!	The first one doesn't start and end with the same amount of '#' and the count of characters in each group is different than 3. The second one is correct. The third one uses the wrong '<' and '>' and the group containing "<<" can contain everything except '<' and '>'.
5 aa>111 mqu BAU mqu<aa ()>111!aaa!AAA!^&*<() o>088 abc AAA ***<o asd>asd asd ASD asd<asd d *>088 zzzz ZzZ 123<*	Password: 111mquBAUmqu Try another password! Password: 088abcAAA*** Try another password! Try another password!	

JS Examples

The input will be provided as an array of strings.

Input	Output	Comment
(["3", "##>00 no NO !!!?<###", "##>123 yes YES !!!<##", "\$<111 noo NOPE <<>\$\$"])	Try another password! Password: 123yesYES!!! Try another password!	The first one doesn't start and end with the same amount of '#' and the count of characters in each group is different than 3. The second one is correct. The third one uses the wrong '<' and '>' and the

		group containing "<<" can contain everything except '<' and '>'.
(["5", "aa>111 mqu BAU mqu<aa", "(>111!aaa!AAA!^&*<())", "o>088 abc AAA ***<o", "asd>asd asd ASD asd<asd", "*>088 zzzz ZzZ 123<*"])	Password: 111mquBAUmqu Try another password! Password: 088abcAAA*** Try another password! Try another password!	