

Bracketed Sequence

You are given an expression consisting of `()[]{}` , check if the expression is a proper bracketed sequence. (Your solution must use stacks)

Input Format:

First line contains number of test cases, T. Following lines contain the test cases.

Output Format:

Print Yes or No for each test cases in a line.

Constraints

$1 \leq T \leq 10$

$1 \leq \text{Length of Input String} \leq 200000$

Time Limit : 1 sec

Memory Limit : 256 MB

Sample Input:

2

`(([]))`

`([]]`

Sample Output:

Yes

No