Curly brackets and parentheses

Write a program that reads a sequence of words with curly brackets and parentheses, and for each one prints if the curly brackets and the parentheses close correctly.

Input

Input is a sequence of words consisting of ‘[’, ‘]’, ‘(’ and ‘)’.

Output

For each word, print “yes” or “no” depending on if the curly brackets and the parentheses close correctly or not.

Sample input

```
[ ] ([]) ()
(()())()
[ ]
(()(()))
```

Sample output

```
yes
no
no
yes
```