
Curly brackets and parentheses

P96529_en

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
```

Problem information

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