
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 1

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

Sample output 1

```
yes  
no  
no  
yes
```

Problem information

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