**Fibonacci Again**

**Time Limit: 2000/1000 MS (Java/Others)    Memory Limit: 65536/32768 K (Java/Others)  
Total Submission(s): 40589    Accepted Submission(s): 19441**

**Problem Description**

There are another kind of Fibonacci numbers: F(0) = 7, F(1) = 11, F(n) = F(n-1) + F(n-2) (n>=2).

**Input**

Input consists of a sequence of lines, each containing an integer n. (n < 1,000,000).

**Output**

Print the word "yes" if 3 divide evenly into F(n).  
  
Print the word "no" if not.

**Sample Input**

0

1

2

3

4

5

**Sample Output**

no

no

yes

no

no

no

**Author**

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**Recommend**

JGShining   |   We have carefully selected several similar problems for you:  [1170](http://acm.hdu.edu.cn/showproblem.php?pid=1170) [1425](http://acm.hdu.edu.cn/showproblem.php?pid=1425) [1205](http://acm.hdu.edu.cn/showproblem.php?pid=1205) [1095](http://acm.hdu.edu.cn/showproblem.php?pid=1095) [1094](http://acm.hdu.edu.cn/showproblem.php?pid=1094)