Quite a problem

Problem ID: quiteaproblem

It gets tiring, looking for all ways in which the word 'problem' can be used (and mis-used) in the news media. And yet, that's been your job for several years: looking through news stories for that word. Wouldn't it be better if you could automate the process?

Input

Each line of input is one test case. Lines are at most 80 characters long. There are at most 1000 lines of input. Input ends at end of file.

Output

For each line of input, print `yes` if the line contains 'problem', and `no` otherwise. Any capitalization of 'problem' counts as an occurrence.

Sample Input 1	Sample Output 1
Problematic pair programming	yes
"There's a joke that pairs, like fish and house guests, go	no
rotten after three days," said Zach Brock, an engineering	no
manager. Working out problems with a pairing partner can be	yes
a lot like working out problems with a significant other.	yes
During one recent rough patch, Jamie Kite, a developer, sat	no
her partner down for a talk. "Hey, it feels like we're	no
driving in different directions," she recalls saying. "It's	no
like any relationship," Ms. Kite said. "If you don't talk	no
about the problems, it's not going to work." When those	yes
timeouts don't solve the problem, partners can turn to	yes
on-staff coaches who can help with counseling. "People who	no
have been pairing a while, they'll start acting like old	no
married couples," said Marc Phillips, one of the coaches.	no
People can be as much of a challenge as writing software.	no
(Excerpted from "Computer Programmers Learn Tough Lesson in	no
Sharing"; Wall Street Journal, August 27, 2012)	no