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## 73273. Is it Prime?

Input file:            **standard input**  
Output file:           **standard output**  
Time limit:            1 second  
Memory limit:         256 megabytes

Given a single number  $x$  check if it is prime number or not. A prime number (or a prime) is a natural number greater than 1 that cannot be formed by multiplying two smaller natural numbers.

### Input

Single integer  $x$  ( $1 \leq x \leq 10^6$ ).

### Output

"Yes" if it is prime. "No" in other cases

### Examples

standard input	standard output
48	No
61	Yes
93	No
19	Yes
59	Yes
67	Yes