WTF

1 seconds, 64 megabytes

what? I don't know

Input Data

First and the only line consists of single number Q $(1 \leq Q \leq 2^{31} - 1)$

Output Data

Either "yes" or "no"

Go, it's time for reverse eNgIneERiNg

Scoring

Problem with ID of wtf

There are 10 test cases 10 points each

Problem with ID of wtf_2

1. 10 Points

2. 50 Points, Grouped

3. 30 Points

4. 10 Points, Grouped

Examples of Input and Output Data

No Example