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**CODEFORCES**
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PROBLEMS    SUBMIT    STATUS    STANDINGS    CUSTOM TEST

# A. Watermelon

time limit per test: 1 second
memory limit per test: 64 megabytes
input: standard input
output: standard output

One hot summer day Pete and his friend Billy decided to buy a watermelon. They chose the biggest and the ripest one, in their opinion. After that the watermelon was weighed, and the scales showed $w$ kilos. They rushed home, dying of thirst, and decided to divide the berry, however they faced a hard problem.

Pete and Billy are great fans of even numbers, that's why they want to divide the watermelon in such a way that each of the two parts weighs even number of kilos, at the same time it is not obligatory that the parts are equal. The boys are extremely tired and want to start their meal as soon as possible, that's why you should help them and find out, if they can divide the watermelon in the way they want. For sure, each of them should get a part of positive weight.

## Input
The first (and the only) input line contains integer number $w$ ($1 \le w \le 100$) — the weight of the watermelon bought by the boys.

## Output
Print YES, if the boys can divide the watermelon into two parts, each of them weighing even number of kilos; and NO in the opposite case.

## Examples

| input | Copy |
|---|---|
| 8 | |

| output | Copy |
|---|---|
| YES | |

## Note
For example, the boys can divide the watermelon into two parts of 2 and 6 kilos respectively (another variant — two parts of 4 and 4 kilos).

→ **Attention**

Package for this problem was not updated by the problem writer or Codeforces administration after we've upgraded the judging servers. To adjust the time limit constraint, solution execution time will be multiplied by 2. For example, if your solution works for 400 ms on judging servers, then value 800 ms will be displayed and used to determine the verdict.

**Codeforces Beta Round #4 (Div. 2 Only)**
**Finished**
Practice
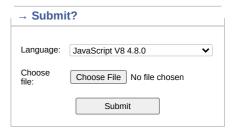⭐

→ **Virtual participation**

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

[ Start virtual contest ]

→ **Clone Contest to Mashup**

You can clone this contest to a mashup.

[ Clone Contest ]

→ **Submit?**

Language:    JavaScript V8 4.8.0 ▾

Choose file:    [ Choose File ] No file chosen

[ Submit ]

→ **Last submissions**

| Submission | Time | Verdict |
|---|---|---|
| 139201969 | Dec/14/2021 17:22 | Accepted |
| 139201111 | Dec/14/2021 17:20 | Runtime error on test 1 |
| 139200564 | Dec/14/2021 17:19 | Wrong answer on test 5 |

→ **Problem tags**

brute force    math    *800

No tag edit access

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