A D01 - Cut the Fruit

Problem	Submissions	Leaderboard	Discussions

One a hot summer day Aarti and her friend Anurag 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.

Aarti and Anurag 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.

They 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 Format

The first (and the only) input line contains integer number w — the weight of the watermelon bought by them.

Constraints

$1 \le w \le 100$

Output Format

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.
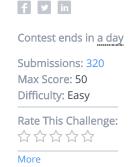
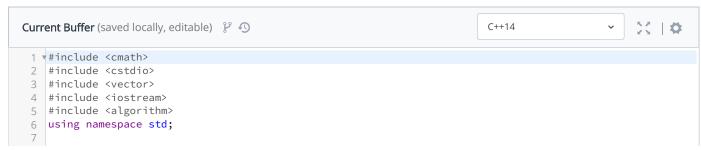### Sample Input 0

```
8
```

Sample Output 0

```
YES
```

Explanation 0

The boys can divide the watermelon into two parts of 2 and 6 kilos respectively (another variant — two parts of 4 and 4 kilos)

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Contest ends in a day

Submissions: 320
Max Score: 50
Difficulty: Easy

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More

Current Buffer (saved locally, editable) ⑂ 🕑   C++14 ⌄   ⤢ | ⚙

```cpp
1  #include <cmath>
2  #include <cstdio>
3  #include <vector>
4  #include <iostream>
5  #include <algorithm>
6  using namespace std;
7
```

```
 8
 9  int main() {
10      /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11      return 0;
12  }
13
```

Line: 1 Col: 1

Upload Code as File   Test against custom input

Run Code   Submit Code