

```
#include<stdio.h>
#include<math.h>
main()
{
    int n;
    scanf("%d",&n);
    if (n==2)
        printf("NO");
    else if (n%2==0)
        printf("YES");

    else
        printf("NO");
}
```

→Judgement Protocol

Test: #1, time: 30 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

8

Output

YES

Answer

YES

Checker Log

ok answer is YES

Test: #2, time: 30 ms., memory: 4 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

5

Output

NO

Answer

NO

Checker Log

ok answer is NO

Test: #3, time: 0 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

4

Output

YES

Answer

YES

Checker Log

ok answer is YES

Test: #4, time: 30 ms., memory: 4 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

3

Output

N0

Answer

N0

Checker Log

ok answer is N0

Test: #5, time: 30 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

2

Output

N0

Answer

N0

Checker Log

ok answer is N0

Test: #6, time: 0 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

1

Output

N0

Answer

N0

Checker Log

ok answer is N0

Test: #7, time: 0 ms., memory: 4 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

7

Output

N0

Answer

N0

Checker Log

ok answer is N0

Test: #8, time: 30 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

6

Output

YES

Answer

YES

Checker Log

ok answer is YES

Test: #9, time: 30 ms., memory: 4 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

10

Output

YES

Answer

YES

Checker Log

ok answer is YES

Test: #10, time: 30 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

9

Output

N0

Answer

N0

Checker Log

ok answer is N0

Test: #11, time: 30 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

53

Output

N0

Answer

N0

Checker Log

ok answer is N0

Test: #12, time: 30 ms., memory: 8 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

77

Output

N0

Answer

N0

Checker Log

ok answer is NO

Test: #13, time: 30 ms., memory: 244 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

32

Output

YES

Answer

YES

Checker Log

ok answer is YES

Test: #14, time: 0 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

44

Output

YES

Answer

YES

Checker Log

ok answer is YES

Test: #15, time: 30 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

98

Output

YES

Answer

YES

Checker Log

ok answer is YES

Test: #16, time: 30 ms., memory: 4 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

99

Output

NO

Answer

NO

Checker Log

ok answer is NO

Test: #17, time: 30 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

90

Output

YES

Answer

YES

Checker Log

ok answer is YES

Test: #18, time: 30 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

67

Output

N0

Answer

N0

Checker Log

ok answer is N0

Test: #19, time: 0 ms., memory: 4 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

100

Output

YES

Answer

YES

Checker Log

ok answer is YES

Test: #20, time: 0 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

88

Output

YES

Answer

YES

Checker Log

ok answer is YES