

Leap year test

Problem	Submissions	Leaderboard	Discussions
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Decide whether given year is a leap year or not.

An year would be leap year if it follows following conditions.

1. If a given year is divisible by 400 then it is always a leap year, no need to check any other condition. (e.g. 1600, 2000)
2. If a given year is not divisible by 400, but divisible by 100 then it is not a leap year. No need to check any other condition. (e.g. 1900, 2100)
3. If a given year is not divisible by 100 but divisible by 4, then it is leap year. (e.g. 1996, 2004, 2020)
4. If a given year is not divisible by 4 then it can not be a leap year. (e.g. 2019, 2021)

Input Format

An year in the form of integer

Constraints

$1600 \leq \text{year} \leq 9999$

Output Format

Output "yes", if given year is leap year.

Output "no", if given year is not leap year.

Sample Input 0

1604

Sample Output 0

yes

Sample Input 1

1903

Sample Output 1

no

Sample Input 2

2100

Sample Output 2

no

Sample Input 3

2400

Sample Output 3

yes

Sample Input 4

1997

Sample Output 4

no

Sample Input 5

2024

Sample Output 5

yes

Sample Input 6

2000

Sample Output 6

yes

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Contest ends in 5 months

Submissions: [0](#)

Max Score: 10


Difficulty: Easy

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C



```
1▼ #include <stdio.h>
2
3▼ int main() {
4
5▼     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
6     return 0;
7 }
```

Line: 7 Col: 2

 [Upload Code as File](#) ☐ Test against custom input

Run Code

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