

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 <= year <= 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

1 of 3 7/26/23, 15:26

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

f in

Contest ends in 5 months

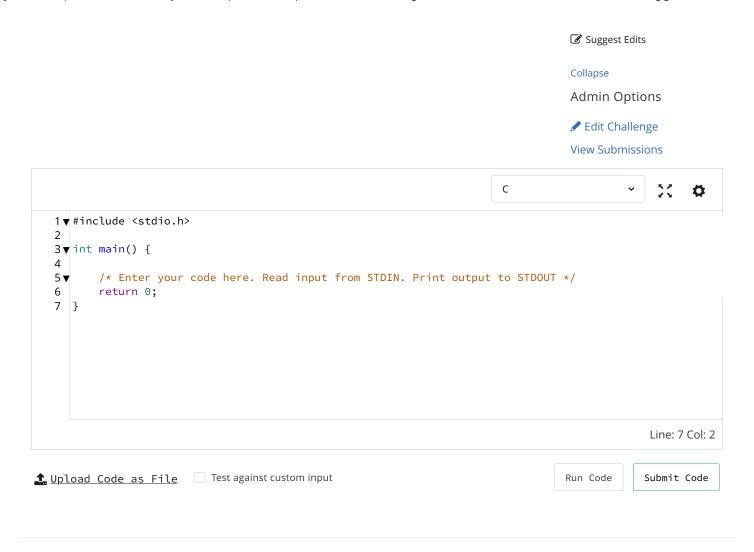
Submissions: 0

Max Score: 10

Difficulty: Easy

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3 of 3 7/26/23, 15:26