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1025. Divisor Game

Solved

Easy | Topics | Companies | Hint

Alice and Bob take turns playing a game, with Alice starting first.

Initially, there is a number `n` on the chalkboard. On each player's turn, that player makes a move consisting of:

- Choosing any `x` with `0 < x < n` and `n % x == 0`.
- Replacing the number `n` on the chalkboard with `n - x`.

Also, if a player cannot make a move, they lose the game.

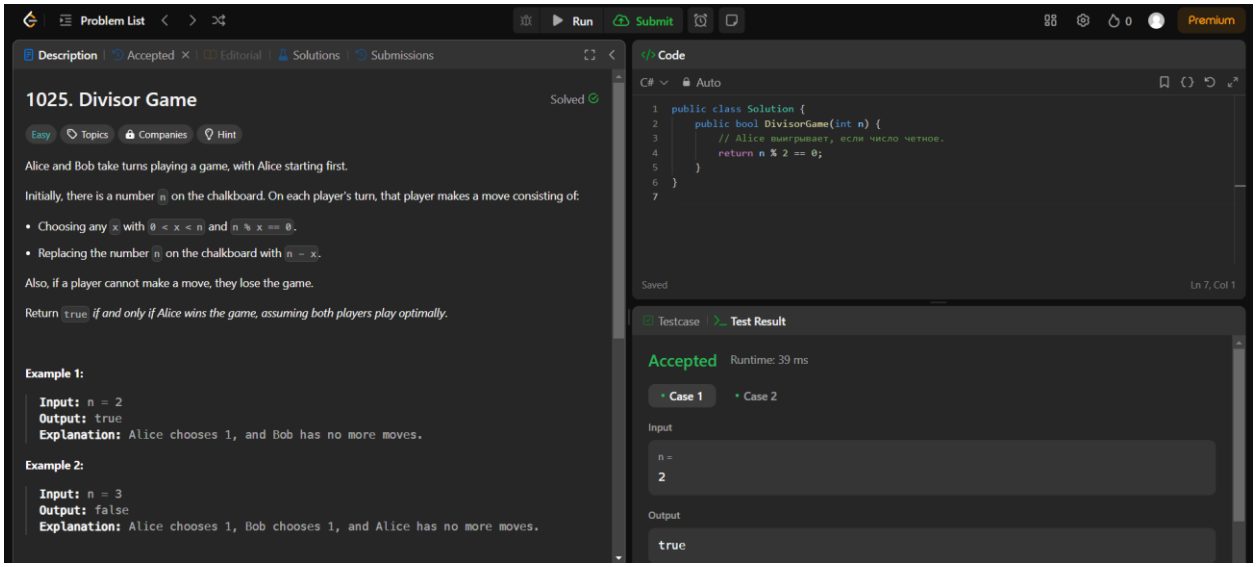
Return `true` *if and only if Alice wins the game, assuming both players play optimally.*

Example 1:

```
Input: n = 2
Output: true
Explanation: Alice chooses 1, and Bob has no more moves.
```

Example 2:

```
Input: n = 3
Output: false
Explanation: Alice chooses 1, Bob chooses 1, and Alice has no more moves.
```



Код:

```
public class Solution
{
    public bool DivisorGame(int n)
    {
        // Alice выигрывает, если число четное.
        return n % 2 == 0;
    }
```

```
}
```