6180. Smallest Even Multiple

My Submissions (/contest/weekly-contest-311/problems/smallest-even-multiple/submissions/) Back to Contest (/contest/weekly-contest-311/)

Given a **positive** integer n , return *the smallest positive integer that is a multiple of* ***both*** 2 *and* n .

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

Example 1:

```
Input: n = 5
Output: 10
Explanation: The smallest multiple of both 5 and 2 is 10.
```

Example 2:

```
Input: n = 6
Output: 6
Explanation: The smallest multiple of both 6 and 2 is 6. Note that a number is a multiple of itself.
```

Constraints:

- 1 <= n <= 150

JavaScript

```javascript
const gcd = (a, b) => b == 0 ? a : gcd(b, a % b);
const lcm = (a, b) => (a / gcd(a, b)) * b;

const smallestEvenMultiple = (n) => lcm(2, n)
```

Custom Testcase Use Example Testcases

Run Submit

Submission Result: Accepted (/submissions/detail/802483030/) More Details > (/submissions/detail/802483030/)

Share your acceptance!

Copyright © 2022 LeetCode