

Problem 2413: Smallest Even Multiple

Problem Information

Difficulty: Easy

Acceptance Rate: 88.16%

Paid Only: No

Tags: Math, Number Theory

Problem Description

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

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:

$1 \leq n \leq 150$

Code Snippets

C++:

```
class Solution {
public:
    int smallestEvenMultiple(int n) {

    }
}
```

```
};
```

Java:

```
class Solution {  
    public int smallestEvenMultiple(int n) {  
  
    }  
}
```

Python3:

```
class Solution:  
    def smallestEvenMultiple(self, n: int) -> int:
```