

Problem 1523: Count Odd Numbers in an Interval Range

Problem Information

Difficulty: Easy

Acceptance Rate: 51.01%

Paid Only: No

Tags: Math

Problem Description

Given two non-negative integers `low` and `high`. Return the _count of odd numbers between_`low` _and_` high` _ (inclusive)_.

Example 1:

Input: low = 3, high = 7 **Output:** 3 **Explanation:** The odd numbers between 3 and 7 are [3,5,7].

Example 2:

Input: low = 8, high = 10 **Output:** 1 **Explanation:** The odd numbers between 8 and 10 are [9].

Constraints:

* `0 <= low <= high <= 10^9`

Code Snippets

C++:

```
class Solution {
public:
    int countOdds(int low, int high) {
```

```
    }  
};
```

Java:

```
class Solution {  
    public int countOdds(int low, int high) {  
        }  
        }  
}
```

Python3:

```
class Solution:  
    def countOdds(self, low: int, high: int) -> int:
```