

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 ≤ 109`

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:
```