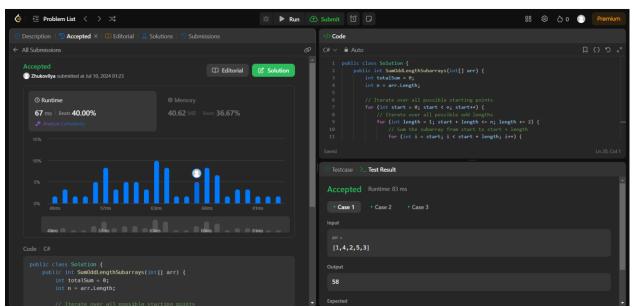
```
■ Description | ⑤ Accepted × | Ⅲ Editorial | ઢ Solutions | ⑤ Submissions
1588. Sum of All Odd Length Subarrays
                                                                               Solved ©
Given an array of positive integers arr, return the sum of all possible odd-length subarrays of arr.
A subarray is a contiguous subsequence of the array.
Example 1:
  Input: arr = [1,4,2,5,3]
  Output: 58
  Explanation: The odd-length subarrays of arr and their sums are:
  [1] = 1
  [4] = 4
  [2] = 2
  [5] = 5
  [3] = 3
  [1,4,2] = 7
  [4,2,5] = 11
  [2,5,3] = 10
  [1,4,2,5,3] = 15
  If we add all these together we get 1 + 4 + 2 + 5 + 3 + 7 + 11 + 10 + 15 = 58
Example 2:
  Input: arr = [1,2]
  Output: 3
```



```
Код:
```

```
public class Solution
{
    public int SumOddLengthSubarrays(int[] arr)
    {
```

```
int totalSum = 0;
int n = arr.Length;

// Iterate over all possible starting points
for (int start = 0; start < n; start++)
{
    // Iterate over all possible odd lengths
    for (int length = 1; start + length <= n; length += 2)
    {
        // Sum the subarray from start to start + length
        for (int i = start; i < start + length; i++)
        {
            totalSum += arr[i];
        }
    }
}
return totalSum;
}</pre>
```