1330. Reverse Subarray To Maximize Array Value

Description

You are given an integer array `nums` . The *value* of this array is defined as the sum of `|nums[i] - nums[i + 1]|` for all `0 <= i < nums.length - 1` .

You are allowed to select any subarray of the given array and reverse it. You can perform this operation **only once** .

Find maximum possible value of the final array.

Example 1:

```
Input: nums = [2,3,1,5,4]
Output: 10
Explanation: By reversing the subarray [3,1,5] the array becomes [2,5,1,3,4] whose value is 10.
```

Example 2:

```
Input: nums = [2,4,9,24,2,1,10]
Output: 68
```

Constraints:

- `1 <= nums.length <= 3 * 10`^{4}
- `-10`^{5} `<= nums[i] <= 10`^{5}