

```
class Solution {
    public int[] sortedSquares(int[] nums) {
        int n = nums.length;
        int[] result = new int[n];

        int left = 0;
        int right = n - 1;
        int pos = n - 1;

        while (left <= right) {
            int leftSquare = nums[left] * nums[left];
            int rightSquare = nums[right] * nums[right];

            if (leftSquare > rightSquare) {
                result[pos] = leftSquare;
                left++;
            } else {
                result[pos] = rightSquare;
                right--;
            }
            pos--;
        }

        return result;
    }
}
```

☒ Testcase ☒ Test Result

Accepted Runtime: 0 ms

☒ Case 1 ☒ Case 2

Input

nums =  
[-4,-1,0,3,10]

Output

[0,1,9,16,100]

Expected

[0,1,9,16,100]

Contribute a testcase