

## 6060. Find Closest Number to Zero

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Given an integer array `nums` of size `n`, return the number with the value **closest** to `0` in `nums`. If there are multiple answers, return the number with the **largest** value.

## Example 1:

**Input:** `nums = [-4,-2,1,4,8]`**Output:** `1`**Explanation:**The distance from `-4` to `0` is `|-4| = 4`.The distance from `-2` to `0` is `|-2| = 2`.The distance from `1` to `0` is `|1| = 1`.The distance from `4` to `0` is `|4| = 4`.The distance from `8` to `0` is `|8| = 8`.Thus, the closest number to `0` in the array is `1`.

User Accepted: 0

User Tried: 0

Total Accepted: 0

Total Submissions: 0

Difficulty: Easy

## Example 2:

**Input:** `nums = [2,-1,1]`**Output:** `1`**Explanation:** `1` and `-1` are both the closest numbers to `0`, so `1` being larger is returned.

## Constraints:

- `1 <= n <= 1000`
- `-105 <= nums[i] <= 105`

JavaScript



```
1 const findClosestNumber = (a) => {  
2   let d = [];  
3   for (const x of a) d.push([x, Math.abs(x)]);  
4   d.sort((x, y) => {  
5     if (x[1] !== y[1]) return x[1] - y[1];  
6     return y[0] - x[0];  
7   });  
8   return d[0][0];  
9 };
```

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