

```
1  /*Author: Bochen (mddboc@foxmail.com)
2  Last Modified: Tue Apr 10 22:28:44 CST 2018*/
3
4  /*Given an array of size n, find the majority element. The majority element is the
5  element that appears more than  $\lfloor n/2 \rfloor$  times.
6
7  .....You may assume that the array is non-empty and the majority element always
8  exist in the array.*/
9
10 import java.util.Arrays;
11 import java.lang.Math;
12 import java.lang.System;
13 import java.util.HashMap;
14 import java.lang.Integer;
15
16
17 public class Main {
18
19     ....public static void main(String[] args) {
20         ....int[] nums = {2, 2};
21
22         ....Solution solution = new Solution();
23         ....int receive = solution.majorityElement(nums);
24
25         ....System.out.println("haha");
26     }
27 }
28
29
30 class Solution {
31     ....public int majorityElement(int[] nums) {
32
33         ....Arrays.sort(nums);
34
35         ....return nums[nums.length/2];
36     }
37 }
```