package day8;

import java.util.Arrays;

import java.util.Scanner;

public class Majority\_Element {

public static int majorityElement(int[] num) {

if (num.length == 1) {

System.out.println(num[0]);

}

Arrays.sort(num);

System.out.println( num[num.length / 2]);

return num[num.length / 2];

}

public static void main(String[] args) {

// TODO Auto-generated method stub

Scanner s = new Scanner(System.in);

System.out.println("Enter the length of the array:");

int length = s.nextInt();

int [] myArray = new int[length];

System.out.println("Enter the elements of the array:");

for(int i=0; i<length; i++ ) {

myArray[i] = s.nextInt();

}

majorityElement(myArray);

}

}