Two Pointes

2.3,1,5,6, Simple (i > 5) S artij fartj

5=00

public static void main(String[] args) { Scanner scn = new Scanner(System.in); int n = scn.nextInt(); int[] arr = new int[n]; for (int i = 0; i < n; i++) { arr[i] = scn.nextInt(); int[] ans = interleavingXY(arr, n); for (int i = 0; i < n; i++) { System.out.print(ans[i] + " "); public static int[] interleavingXY(int[] arr, int n) { int i = 0; int j = n / 2; int k = 0; int[] ans = new int[n]; while (k < n) { ans[k] = arr[i]; i++; k++; ans[k] = arr[j]; j++; k++; return ans; ans [i] = an [i]

In this task you are supposed to find the majority element of a given array. A majority element of a given array of size N is defined as the element that occurs atleast N/2 times in it. If N is odd, apply the ceiling function on N/2. So, given an array, compute its majority element. After answering the question, attempt the related question in the linked resource to improve your understanding of the question . Click here Input Format The first line contains a single integer N denoting the size of the given array. The next line contains ${\bf N}$ space-separated integers denoting the elements of the array . Constraints (1 < N < 10^5) (-10^9 ≤ A[i] ≤ 10^9) Output Format vo. mo. Print a single integer X, which is the majority element of the given array. If more than one majority element exist, print the greatest one. If no majority element is present, print "NO MAJORITY Sample Input 0 1)2 2 2 8 8 1 1 1 1 1 Sample Output 0 foo(inti=0;i<0;i+t)&

if (auxi) == Same)

Count+; Explanation 0 Same=anto] if (count ==0)

Some = arr[i];

D (count = 2; **Submitted Code** Language: Java 15 1 import java.jo.*: import java.util.*; 4 public class Solution { public static void main(String[] args) {
 Scanner sc = new Scanner(System.in);
 int n = sc.nextInt(); int arr[]= new int[n];
for(int i =0;i<n;i++){
 arr[i]=sc.nextInt();</pre> same=2 int same = arr[0];
int count=1; fodisi - n ; 1798 for(int i =1;i<n;i++){ if cont;]==som) if(arr[i]==same)count++: else count--; if(count==0){ same=arr[i];
count=1; if (Gont==0)X for(int i=0;i<n;i++)if(arr[i]==same)count++;
if(count>=(n+1)/2)System.out.print(same);
else System.out.print("NO MAJORITY ELEMENT"); Some=3-1 72

12 Foo C