import java.util.\*;

public class ArraySorting {

public static void main(String[] args)

{

int arr[];

Scanner input=new Scanner(System.in);

System.out.print("enter size of Array: ");

int size=input.nextInt();

arr=new int[size];

for(int i=0;i<arr.length;i++)

{

System.out.println("Enter the element: ["+i+"]");

arr[i]=input.nextInt();

}

Arrays.sort(arr);

System.out.printf("Modified arr[] : %s",

Arrays.toString(arr));

System.out.println("\n smallest element: "+arr[0]);

}

}