public class missingAll {

**static** void printMissingElements(int arr[], int N) {

int diff = arr[0] - 0;

for(int i = 0; i < N; i++)

{

if (arr[i] - i != diff)

{

while (diff < arr[i] - i)

{

System.***out***.print((i + diff) + " ");

diff++;

}

}

}

}

public **static** void main (String[] args)

{

Scanner input=new Scanner(System.***in***);

System.***out***.println("Enter the no of elements to be present in array:");

int n=input.nextInt();

System.***out***.println("Enter the Array elements :");

int arr[]=new int[n];

for(int i=0;i<n;i++)

{

arr[i]=input.nextInt();

}

int N = arr.length;

printMissingElements(arr, N);

input.close();

}

}