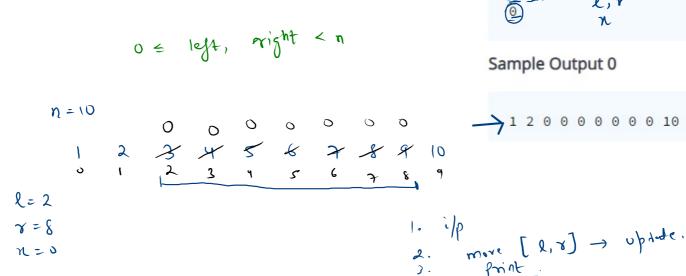
## Update query 1

K=V

Given an array of size n with intial values. Take left, right as integer inputs such that 0 <= left, right < arr.length and also take x as an integer input.

Then update the given array from the index-left till the index-right (both left index and right index included) with the element x. In the end print all the elements of the array such that each element is printed in a separate line.



Sample Input 0

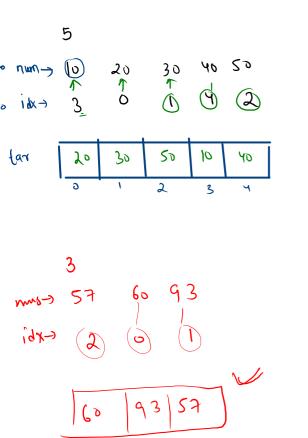
```
5
 1 import java.io.*;
 2 import java.util.*;
                                                                           5
                                                                                  0
 4 public class Solution {
       public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
 8
           int n = scn.nextInt();
                                                                     8
 9
           int [] A = new int[n];
10
           for(int i = 0; i < n; i++){
               A[i] = scn.nextInt();
11
12
13
           int left = scn.nextInt();
14
           int right = scn.nextInt();
15
           int x = scn.nextInt();
16
17
           for(int i = left; i <= right; i++){
               A[i] = x;
18
                                                            1=1
19
20
21
           for(int i = 0; i < n; i++){
22
               System.out.print(A[i] + " ");
23
                                                                           454
24
25
26 }
```

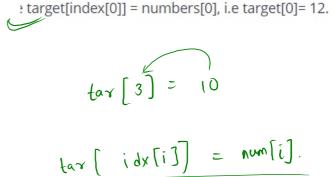
## Solve Array

Take **n** as an integer input representing size of both array.

Take  $\bf n$  integer inputs for numbers array and Then take  $\bf n$  integer inputs for array indexes where <u>each integer</u> input can be from  $\bf 0$  till numbers.length.  $\bf \lambda$ 

Then create an array of size n and name it target array. From left to right read numbers[i] and index[i], and in the target array at the index index[i], insert the value numbers[i].





```
1 import java.io.*;
2 import java.util.*;
                                                                                      30
                                                                             20
                                                                                               90
                                                                      0
                                                     humy-
4 public class Solution {
                                                                                                 a
6
       public static void main(String[] args) {
                                                      i \not q \times \rightarrow
           Scanner scn = new Scanner(System.in);
           int n = scn.nextInt();
                                                                                                  3
                                                                                        2
           int [] nums = new int[n];
10
           for(int i = 0; i < n; i++){
11
               nums[i] = scn.nextInt();
12
                                                         158
13
           int [] idx = new int[n];
14
           for(int i = 0; i < n; i++){
15
               idx[i] = scn.nextInt();
16
           }
17
           //logic
18
           int [] tar = new int[n];
19
           for(int i = 0 : i < n : i++){}
                                                                 6 = j
20
               tar[idx[i]] = nums[i];
21
           }
22
23
           for(int i = 0; i < n; i++){
24
               System.out.print(tar[i] + " ");
                                                                                                                         3<4
25
26
27
```

## Add One

Problem Submissions Leaderboard Discussions

Take an **array arr** of size **N** as input which represents a **large number**.

Add 1 (one) to this large number and print the resultant array.

understanding of this question. Click here

eg:- [4,2,3,6,5,8,7,1,5,3,9,6] In this case answer must be [4,2,3,6,5,8,7,1,5,3,9,7]

Note: The large integer does not contain any leading 0's in the array.

NOTE:- After answering the question, attempt the related question in the linked resource to improve your

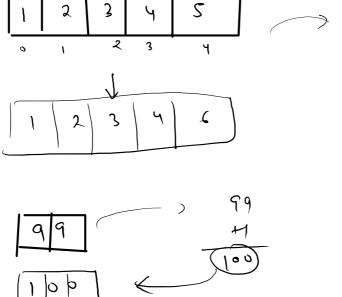
Sample Output 0

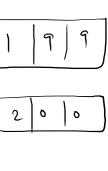
1 2 3 4 6

1 2 3 4 5

200

12346





Sample Input 0

1 2 3 4 5

$$0 \leftarrow \text{arr[i]} \leftarrow 9$$

$$0 \leftarrow \text{arr[i]} \leftarrow 9$$

$$1 = 2 \cdot 3 \cdot 4$$

$$1 = 9$$

$$1 = 2 \cdot 3 \cdot 4$$

$$1 = 9$$

$$1 = 2 \cdot 3 \cdot 4$$

$$2 = 3 \cdot 3 \cdot 4$$

$$3 = 3 \cdot 3 \cdot 4$$

$$4 = 3 \cdot 3 \cdot 4$$

$$2 = 3 \cdot 3 \cdot 4$$

$$3 = 3 \cdot 3 \cdot 4$$

$$3 = 3 \cdot 3 \cdot 4$$

$$4 = 3 \cdot 3 \cdot 4$$

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$$3 = 3 \cdot 3 \cdot 4$$

$$4 = 3 \cdot 3 \cdot 4$$

$$3 = 3 \cdot 3 \cdot 4$$

$$4 =$$

$$A[i] + 1 = 10$$

$$(41 = 4)$$

$$7 = 9$$

$$+ 1$$

$$0$$

0 = A[i] = 9

λ,

at max sum

0

Carry = 1

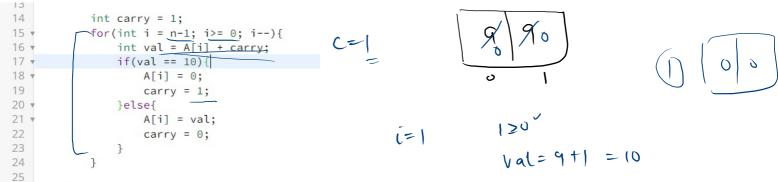
79 (arry=1

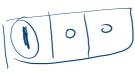
n=3

C = YXX0

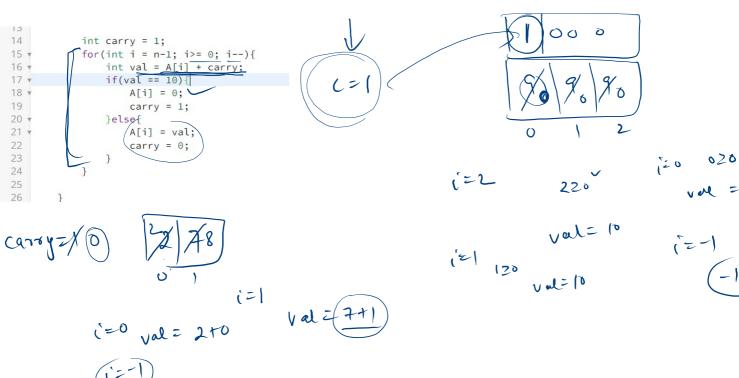
$$\frac{73}{0}$$
  $\frac{5}{1}$   $\frac{5}{2}$   $\frac{5}{2}$   $\frac{220}{2}$   $\frac{220}{2}$ 

i=0 v=2+1=3





$$(=0 \ 0 \ge 0)$$



```
5
 6
       public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
           int n = scn.nextInt();
 9
           int [] A = new int[n];
           for(int i = 0; i < n; i++){
11
               A[i] = scn.nextInt();
           }
13
14
           int carry = 1;
15
           for(int i = n-1; i \ge 0; i--){
16
               int val = A[i] + carry;
17
               if(val == 10){
18
                   A[i] = 0;
19
                   carry = 1;
               }else{
                   A[i] = val;
                   carry = 0;
               }
24
25
26
           if(carry == 1){
27
               A = new int[n+1];
28
               A[0] = 1;
29
30
           for(int i = 0 ; i < A.length; i++){
31
               System.out.print(A[i] + " ");
32
33
34
35 }
```

import java.io.\*;
import java.util.\*;

public class Solution {

```
g. [9]9
29- [1]9
```

## **Print Pair**

Problem Submissions Leaderboard Discussions

nested loops with

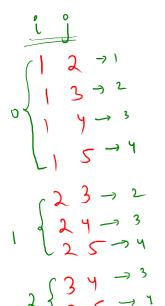
Sample Input 0

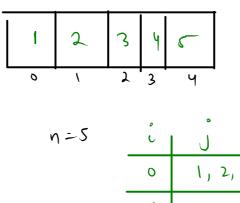
5 1 2 3 4 5

Sample Output 0

1 2

Take the array of size  ${\bf n}$  and their values from user. And Print all the  ${\bf pairs}$  in the array.





index. 1, 2, 3, 4 2,3,4 3, 4 4

$$\frac{i \quad [0, n-2]}{j = [i+1 - n-1]}$$

```
1 import java.io.*;
 2 import java.util.*;
 4 public class Solution {
 6
       public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
                                                             10
 8
           int n = scn.nextInt();
 9
           int [] A = new int[n];
                                                                     30
10
                                                              10
           for(int i = 0; i < n; i++){
11
               A[i] = scn.nextInt();
12
                                                                     40
                                                               10
13
           //logic
14
           for(int i = 0; i \le n-2; i++){
15
               for(int j = i+1; j \le n-1; j++){
                                                                      30
16
                   System.out.println(A[i] + " " + A[j]);
17
18
           }
19
20
21 }
```