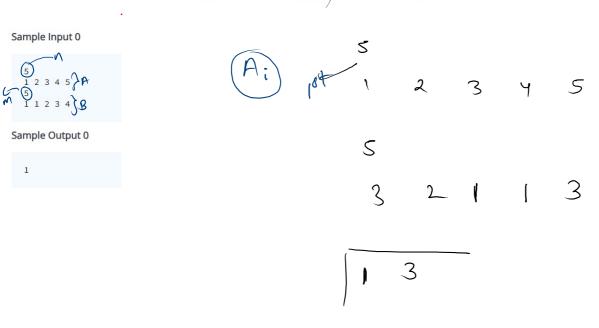
## **Double Occurence**

Given an array of size <u>m</u> with <u>unique</u> integer elements. And then take <u>m</u> as an integer input. Declare the <u>second array</u> of size <u>m</u> that stores values of int data-type. Then take <u>m</u> integer inputs and store them in the array one by one.

Then print all the elements of the first array which occur exactly twice in the second array.



$$A \rightarrow 1 \quad 2 \quad 3 \quad 4 \quad 5$$

$$m=8$$

$$B \rightarrow 1 \quad 1 \quad 2 \quad 3 \quad 3 \quad 2 \quad 2 \quad 4$$

$$B \rightarrow 1 \quad 1 \quad 2 \quad 3 \quad 3 \quad 2 \quad 2 \quad 4$$

3: 2=-2) print 2

2:3 =/= 2

n = 5

Array, int 

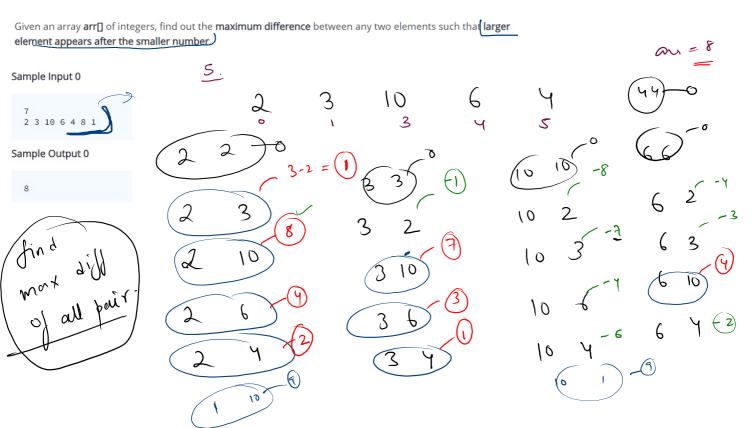
```
4 public class Solution {
 5
       public static int countOcc(int [] arr, int x){
 6
           int count = 0;
           for(int i = 0; i < arr.length; i++){</pre>
 8
               if(arr[i] == x){
 9
                   count++:
10
11
12
           return count;
13
14
15
       public static void main(String[] args) {
16
           Scanner scn = new Scanner(System.in);
17
           int n = scn.nextInt();
18
           int [] A = new int[n];
19
           for(int i = 0; i < n; i++){
20
               A[i] = scn.nextInt();
21
22
           int m = scn.nextInt();
23
           int [] B = new int[m];
24
           for(int i = 0; i < m; i++){
25
               B[i] = scn.nextInt();
26
27
28
           //logic
29
           for(int i = 0; i < n; i++){
30
               int x = A[i];
31
               int count = countOcc(B, x);
32
               if(count == 2){
33
                   System.out.print(x + " ");
34
35
36
37
```

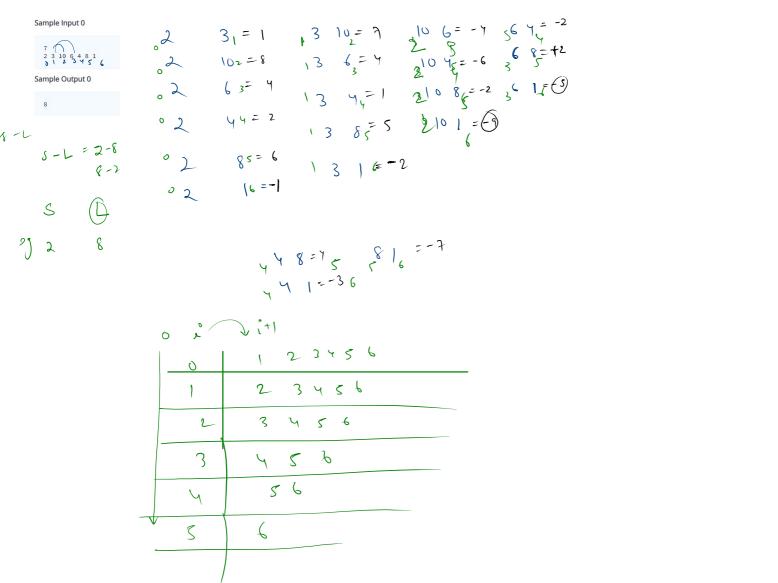
1, 3 3 4 5

\* court how many times

# count = = 24 print

## maximum difference between the two elements





```
1 import java.io.*;
 2 import java.util.*;
 4 public class Solution {
 5
 6
      public static void main(String[] args) {
 7
           Scanner scn = new Scanner(System.in);
8
           int n = scn.nextInt();
9
           int [] A = new int[n];
           for(int i = 0; i < n; i++){
10
11
              A[i] = scn.nextInt();
12
13
14
          int d = Integer.MIN_VALUE;
15
          //logic
16
           for(int i = 0; i < n; i++){
17
               for(int j = i+1; j < n; j++){
18
                   d = Math.max(d, A[i] - A[i]);
19
               }
20
21
           System.out.println(d);
22
23 }
```

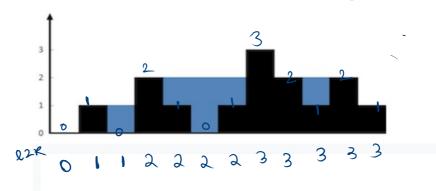
n= 4

## Store Maximum

Given **n** non-negative integers representing an elevation map where the width of each bar is **1**, compute how much **maximum water** it can trap after raining.

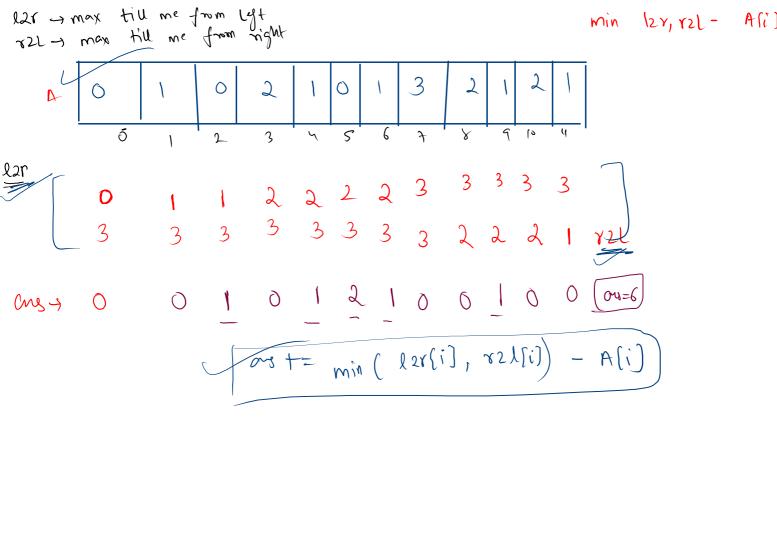
min (LIR)





max till me from light

Reax till me from right



20 main rearding