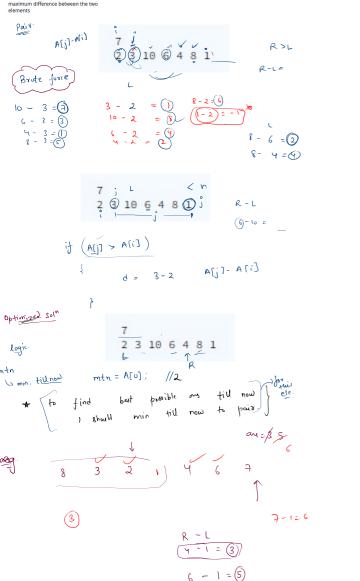


maximum difference between the two



Sample Input 0

$$36291081$$

mtn = $A(0) = \chi^{2} = R$

$$\frac{1}{3} = \frac{1}{2} = \frac{1}$$

$$(0 - 2 = 8)$$

```
import java.util.*;
public class Solution {
     public static void main(String[] args) {
         Scanner scn = new Scanner(System.in);
         int n = scn.nextInt();
         int [] A = new int[n];
         for(int i = 0; i < n; i++){
            A[i] = scn.nextInt();
         int ans = 0;
         int mtn = A[0];
                                     //max till now
         for(int i = 1; i < n; i++){
             ans = Math.max(ans, A[i] - mtn);
            mtn = Math.min(mtn, A[i]);
         System.out.println(ans);
```

v import java.io.*;

2 3 10 6 4 8 1 (A(i) - mtn) Double Occurence.

Sample Input 0

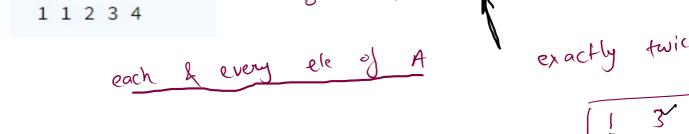


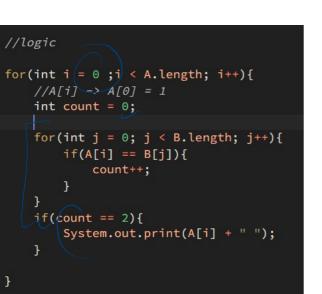


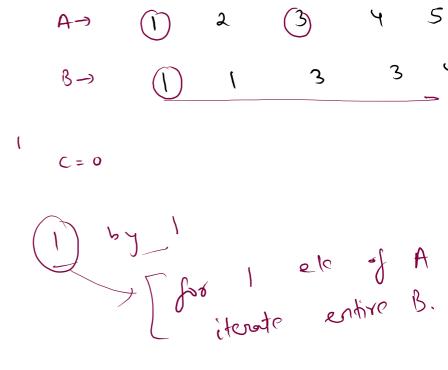


m (5)









```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();  //size of A array
    int [] A = new int[n];
    for(int i = 0; i < n; i++){
       A[i] = scn.nextInt();
    int m = scn.nextInt();  //size of B array
    int [] B = new int[m];
    for(int i = 0; i < m; i++){
       B[i] = scn.nextInt();
    //logic
    for(int i = 0; i < A.length; i++){
       //A[i] -> A[0] = 1
       int count = 0;
       for(int j = 0; j < B.length; j++){
           if(A[i] == B[j]){
                count++;
       if(count == 2){
           System.out.print(A[i] + " ");
        }
```

maximum

Example 1:

