



```
public static void main(String[] args) {
           Scanner scn = new Scanner(System.in);
           int n = scn.nextInt();
           int[] arr= new int[n];
           for(int i=0;i<n;i++){
               arr[i] = scn.nextInt();
           int min = Integer.MAX_VALUE;
           int maxDiff = 0;
           for(int i=0;i<n;i++){
               //find min till this point
              if(arr[i]<min){
                  min = arr[i]
               // find diff of currennt val from min
               int diff = arr[i]-min;
              if(diff>maxDiff){
                  maxDiff= diff; ~
           System.out.println(maxDiff);
           /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your cl
                                                                                             1015
                                   v min = 2 1
                                             = arrlij-min=13-1=$ 12 maa = 8 13
10
     10-1=9 X
```

```
may repeatitive no: 3
(Just 184)
        ON >
                           2/3/3/3
                  i i i
                                    MOR = 4
                     anli]=1
                      ans update exel ever!
           public static void main(String[] args) {
               Scanner scn = new Scanner(System.in);
               int n = scn.nextInt();
               int[] arr= new int[n];
                                            NIVO
               for(int i=0;i<arr.length;i++){
                   arr[i] = scn.nextInt();
                                        Curr=0+
               int currMax=0;
                                               carval = 3
               int Freq= 0;
                                              count = 8x x345
               for(int i=0;i<arr.length;i++){</pre>
                   int currVal = arr[i];
                   int count=0;
                   for(int j=0;j<arr.length;j++){ 7
                      if(arr[j]==currVal){
                                             [Next value they newst be greater in count
to update amount.]
                          count++;
                   if(count>Freq){
                      currMax= currVal;∨
                      Freq= count;
               System.out.println(currMax);
               /* Enter your code here. Read input from STDIN. Print output to STDOUT.
```

}

am= false/ forme

```
public class Solution {
    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int n = scn.nextInt();
        int[] arr= new int[n];
        for(int i=0;i<arr.length;i++){
            arr[i]=scn.nextInt();
        for(int i=0;i<arr.length;i++){</pre>
            int val = arr[i];
            for(int j=i+1;j<arr.length;j++){</pre>
                if( arr[j]==val){
                    System.out.println("true");
                    return;
        System.out.println("false");
        /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class show
    }
```

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int n = scn.nextInt();
    int[] arr= new int[n];
    for(int i=0;i<arr.length;i++){</pre>
        arr[i]=scn.nextInt();
    for(int i=0;i<arr.length;i++){</pre>
        int val = arr[i];
        for(int j=i+1;j<arr.length;j++){</pre>
          f( arr[j]==val){
                System.out.println("true");
    System.out.println("false");
    /* Enter your code here. Read input from STDIN. Print output to
```

Duy tap water

Example 1:



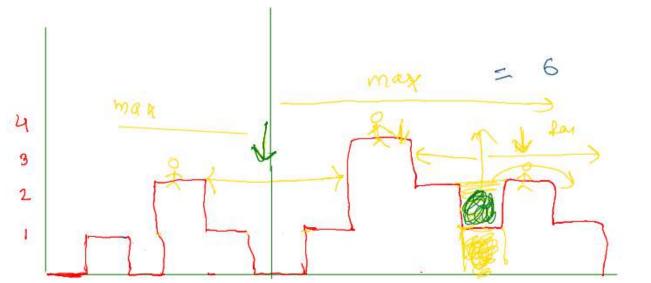
Input: height = [0,1,0,2,1,0,1,3,2,1,2,1]

Output: 6

Explanation: The above elevation map (black section) is represented by array [0,1,0,2,1,0,1,3,2,1,2,1]. In this case, 6 units of rain water

(blue section) are being trapped.

0,1,0,2,1,0,1,3,2,1,2,1



Bouteform

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