

## **Double Occurence**

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$$m = 12$$

$$0 \quad 1 \quad 2 \quad 3 \quad 4 \quad 5 \quad 6 \quad 7 \quad 8 \quad 9 \quad 10 \quad 14$$

$$00012 = \boxed{1 \quad 7 \quad 2 \quad 5 \quad 3 \quad -2 \quad -1 \quad 5 \quad 0 \quad 2 \quad 7 \quad 8}$$

Note: only consider elements from overl, which are occurring 2 times in overl.

$$om = 5, 2$$

 $\int for(i=0) \rightarrow n) {int count = 0;}$ for (j=0 > m) {

theck if avrilli] == avrilj]

then count ++; then print over [i]

```
public static void duplicateElements(int[] arr1, int n, int[] arr2,int m) {
     for (int i = 0; i < n; i++) {
        int count = 0;
for (int j = 0; j < m; j++) {
    if ( arr1[i] == arr2[j] ) {
      count++;
}</pre>
          if ( count == 2 ) {
                System.out.print(arr1[i] + " ");
 ovor 2 =
                                       5
                                                                    5
```

on = 5 2

Max Count 3 (9mp)

$$avol = \begin{bmatrix} 2, 1, 4, 2, 2, 1, 4, 2, 4 \end{bmatrix}$$

declare best Element = -1; declare best Freq = 0 obucq  $f_{0,9} \left( \hat{i} = 0 \longrightarrow n \right)$ declare count = 0 check if count > bestfreq then best Ele = am[i]

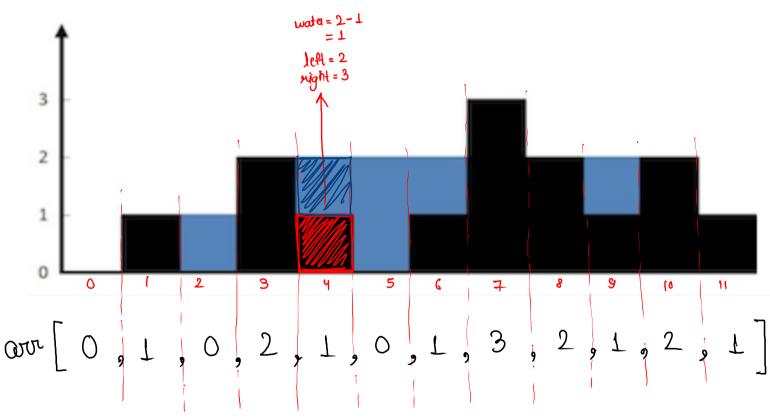
best feg = Court return beat-Element;

```
avr \left[ a, 3, \frac{5}{7}, 3, 5, 5, 1, \frac{5}{7} \right]
                                                 best Ele = -10001 2
public static int maxCount(int[] arr, int n) {
  int bestElement = -100001;
                                                  best Freq = ØX2 4
  _int bestFreq = 0;
                                                  Count = ØX ØX X ØX X Ø Y
   for (int i = 0; i < n; i++) {</pre>
     int count = 0;
      for (int j = 0; j < n; j++) {
   if (arr[i] == arr[j]) {
                                                   cond" (count > bestfreg)
               count++;
      r if ( count > bestFreq ) {
       → bestFreq = count;
→ bestElement = arr[i];
                                                            (4>2)
    return bestElement;
```

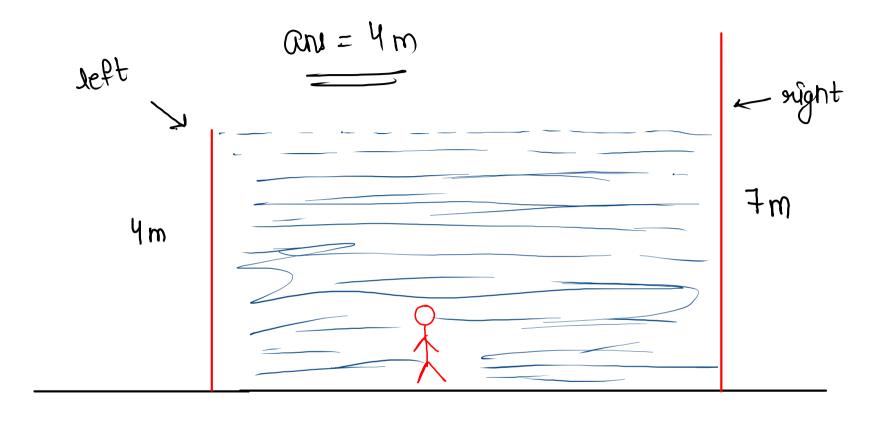
Mote:colways use default value which can
be your answer for that variable

Store Maximum (M.M. Imp)

Trapping rainwater delade



Note: each element is fleight at that index



intiution: find how much water we can store at current index

left = max height element on left side including itself sight = max height element on right side including itself water = min (left, right) - height at cour index = min (left, right) - over [i]

