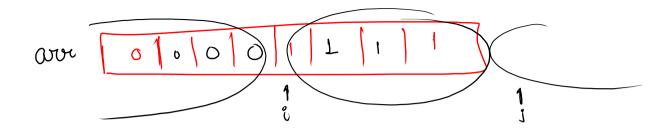
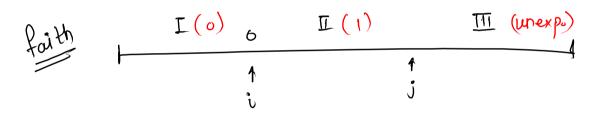
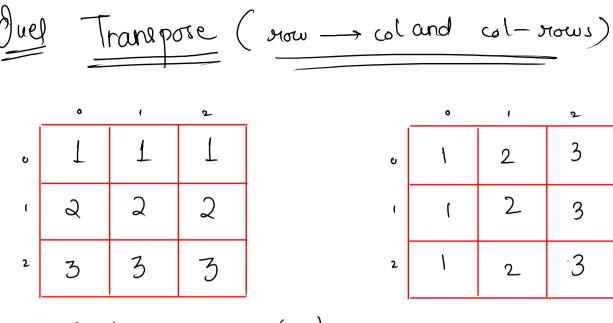
Ly Sorting - lambda fr Ly Subarrays - N2 * N , 2 pointer opics G String BSUB BSLB inhult 1 Stack

Rotate Right size = nJue K = 35 3 a) K = K + nb) K = K 7.70 ~ Step1 reverse last K elements (n-K, n-1)2 3 4 reverse remaining element (0, n-k-1)5 reverse all elements (0, n-1)







Swap (i,j) index with (j.i)

Mow = m cols = n m 2 3 when to swap

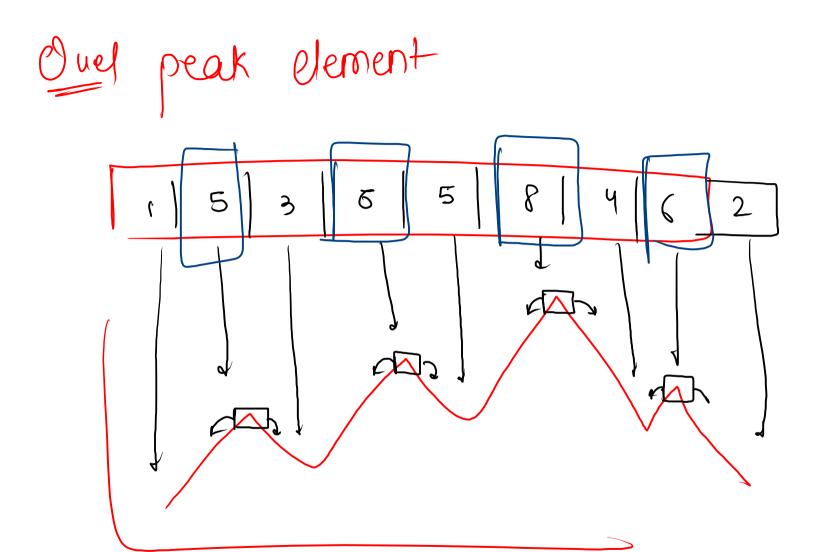
for (int io m) for (j=0 - n) $(0,0) \longrightarrow (0,0)$ $(0,1) \longrightarrow (1,0)$ $(0,2) \longrightarrow (2,0)$ $(1,0) \longrightarrow X$ $(1/1) \longrightarrow (1/1)$ $(1,2) \longrightarrow (2/1)$ $(2,0) \longrightarrow X$ $(2,1) \longrightarrow X$ $(2,2) \longrightarrow (2,2)$

```
9
                 3
public static void fun(int[] arr, int n, int k) {
    int[] freq = new int[10];
    for (int i = 0; i < n; i++) {
        int idx = arr[i];
        freq[idx]++;
    for (int i = 0; i < k; i++) {
        int max = Integer.MIN_VALUE;
        int idx = -1;
        for (int j = 0; j < 10; j++) {
            if ( freq[j] >= max ) {
                max = freq[j];
                idx = j;
            }
        System.out.print(idx + " ");
        freq[idx] = 0;
```

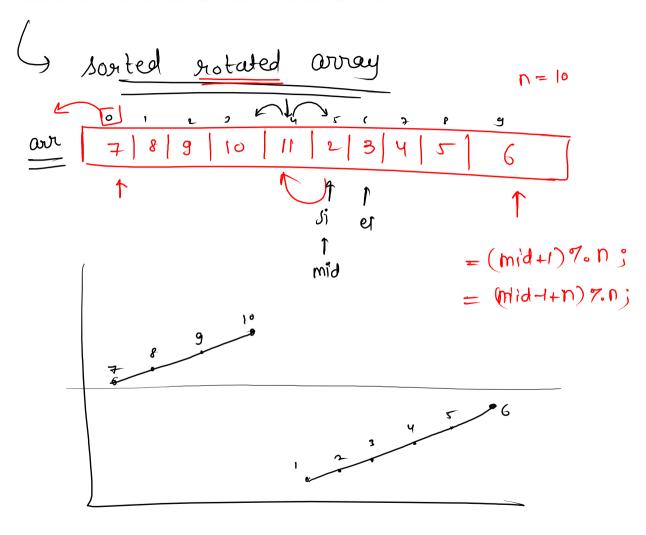
10

T. C= U(n+k)

Search inary twiget = 2 Template:mid int i=0, i= n-1; while (i <= j) { int mid = (i+j)/2; if (wor [mid] == torget) ? if (aus smid] == aus (mid-1) if (consimid) == (Dornmid+1) { i= mid+13 3 else 5 return mid; netur midi Jelieif (aur [mid] > target)1 j= mid-1; → just greater element y else ! → just smaller element



Find The Index of Rotation

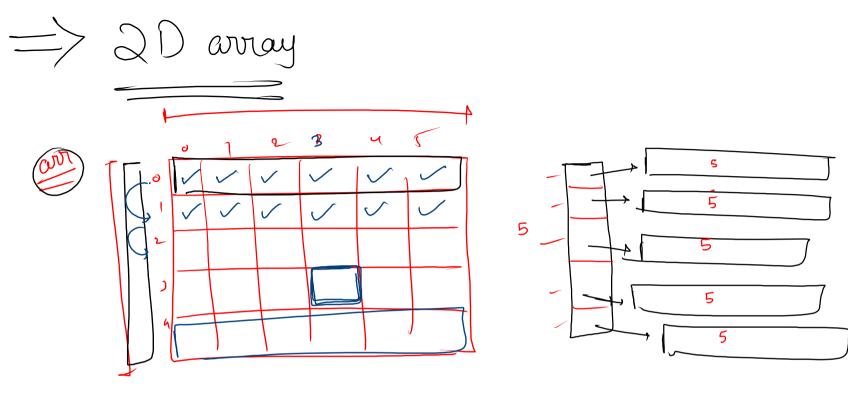


$$mod = 10^9 + 7$$

(numl + num2) 7. mod ;

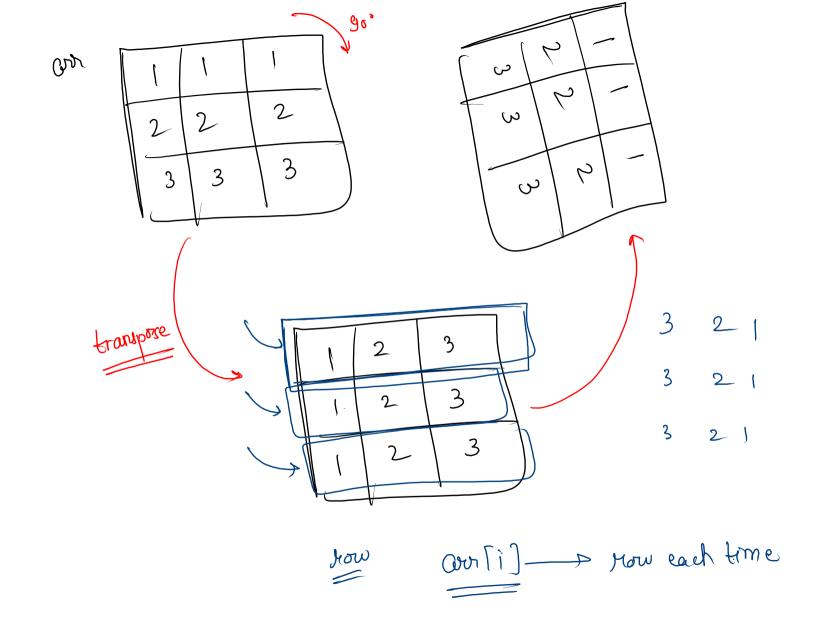
(num1 - num2 + mod) 7. mod;

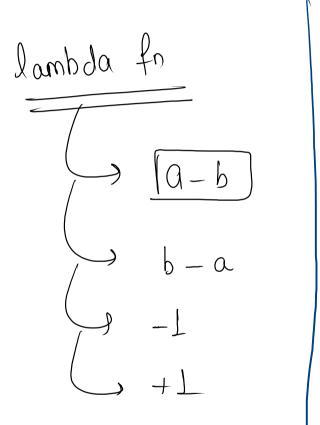
(numl + num2) 7. mod;



Orn [4]

rows: - auro length; cols: - auro length;





```
Arrays. sort (arr, (a, b) -> {
        I tekun -1;
_ jelse ff(a=odd,b b=even){
```

