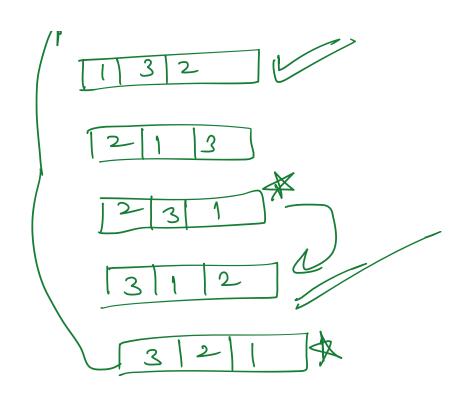
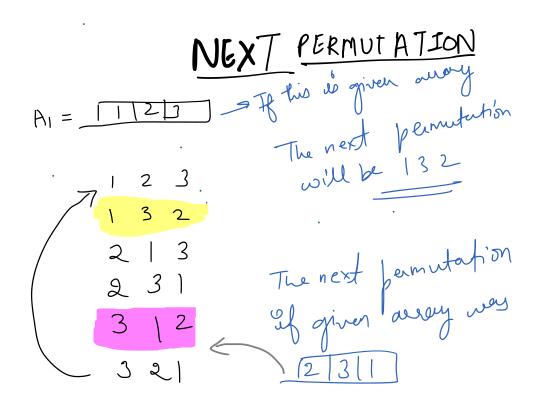




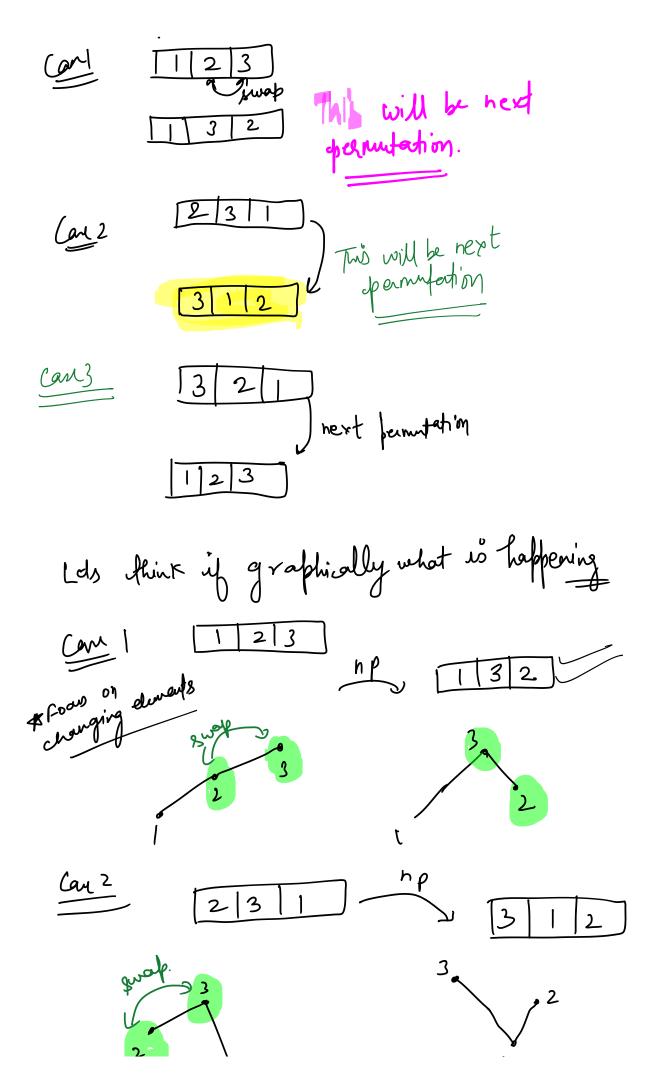


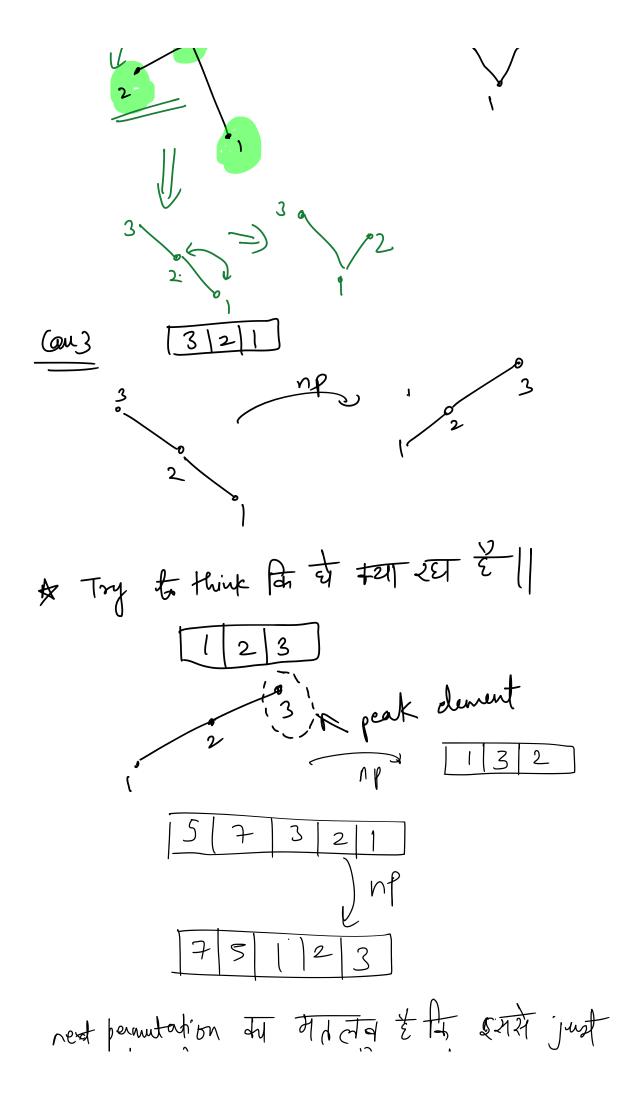
next permutation 2

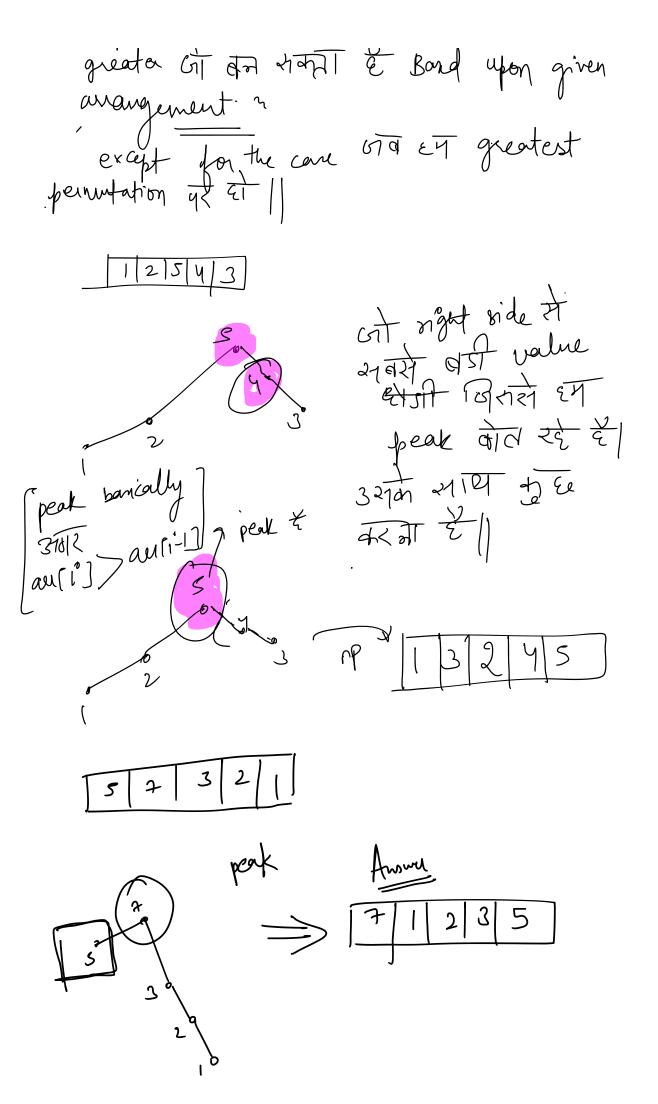




So How we can find the next permutation.

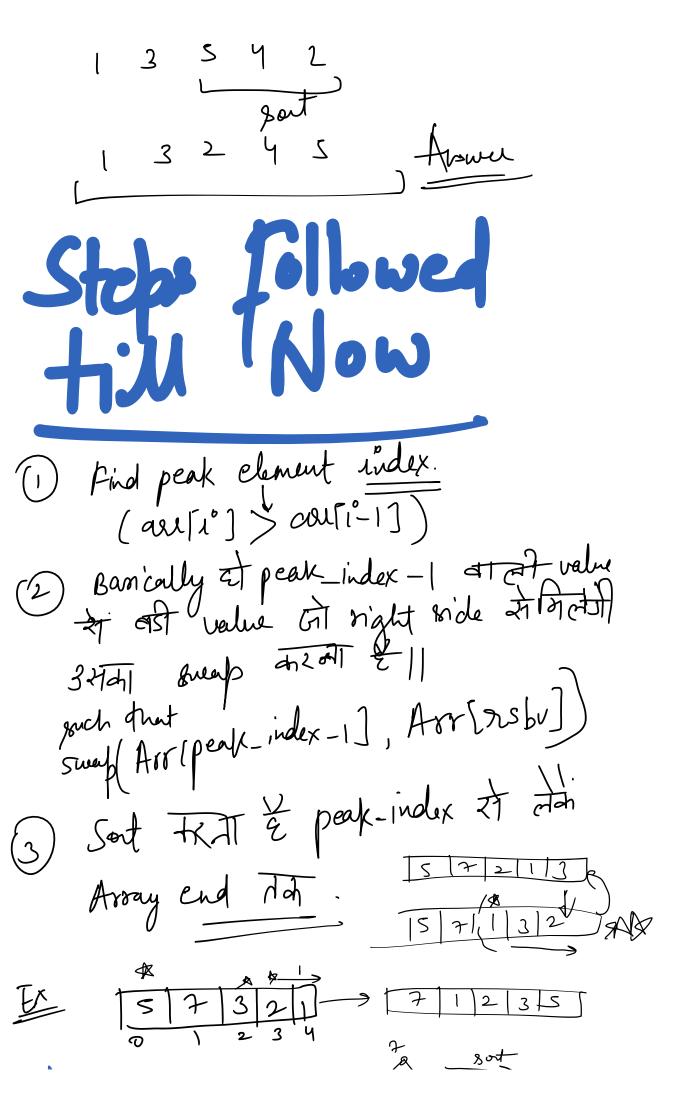


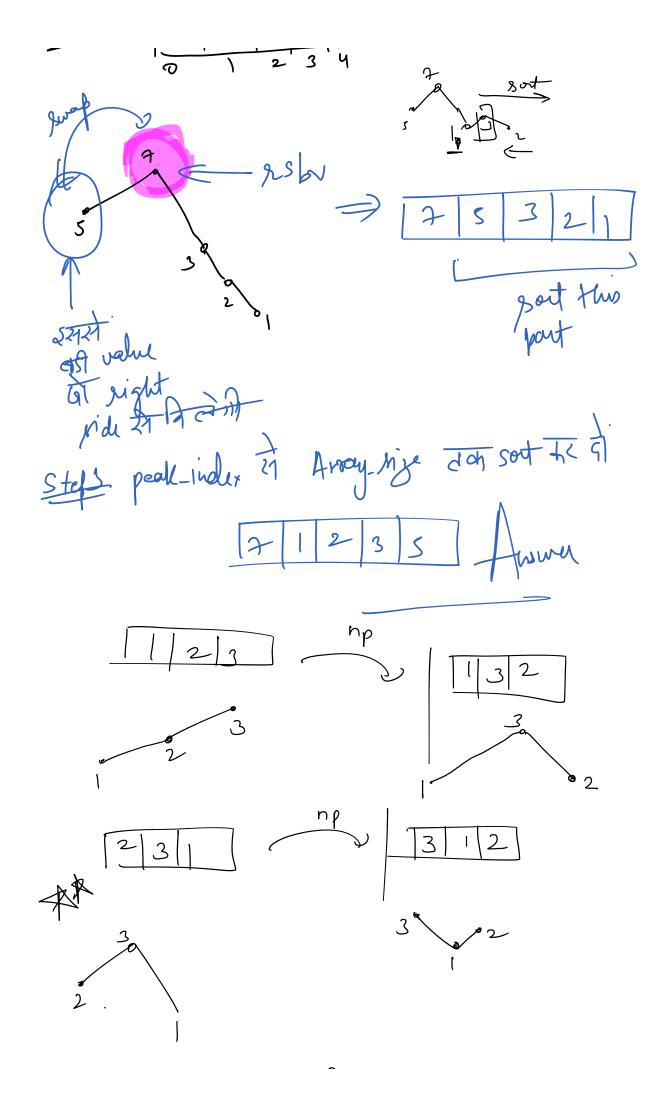


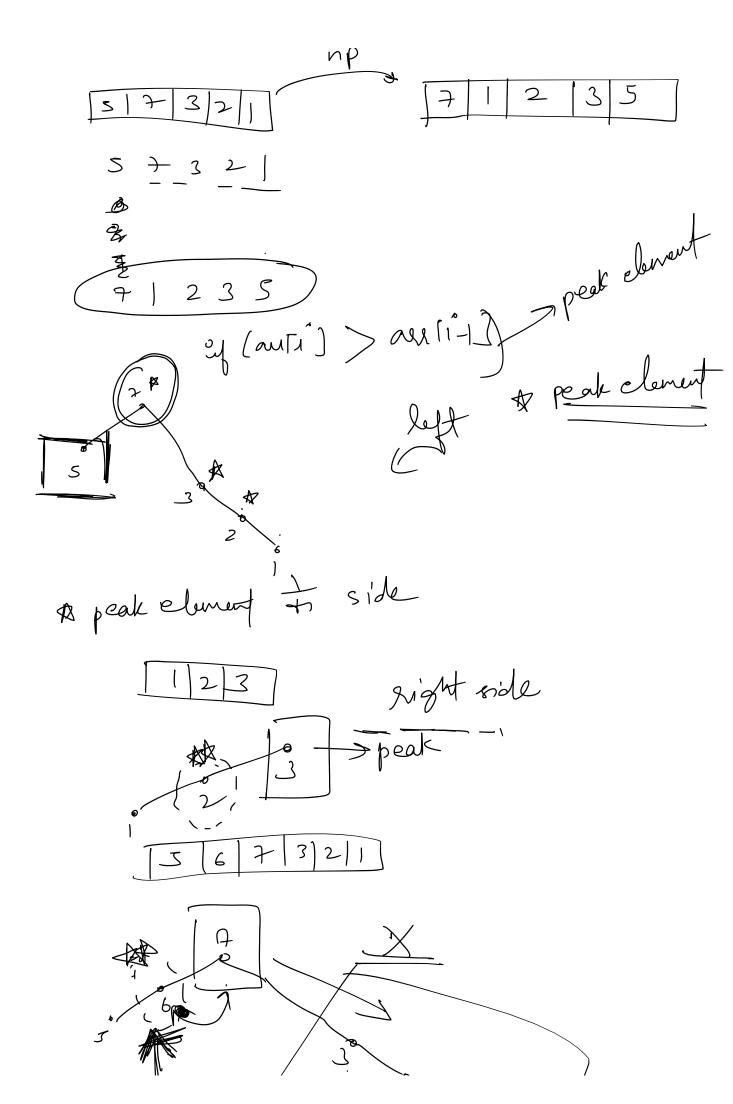


A & Right of YEAT peak Andrill. It 3 HATT Jew we shall Put air is Early peak in left air is to at permutation of it at SET digit et ast value ent : EIIII | 1 EIIII |

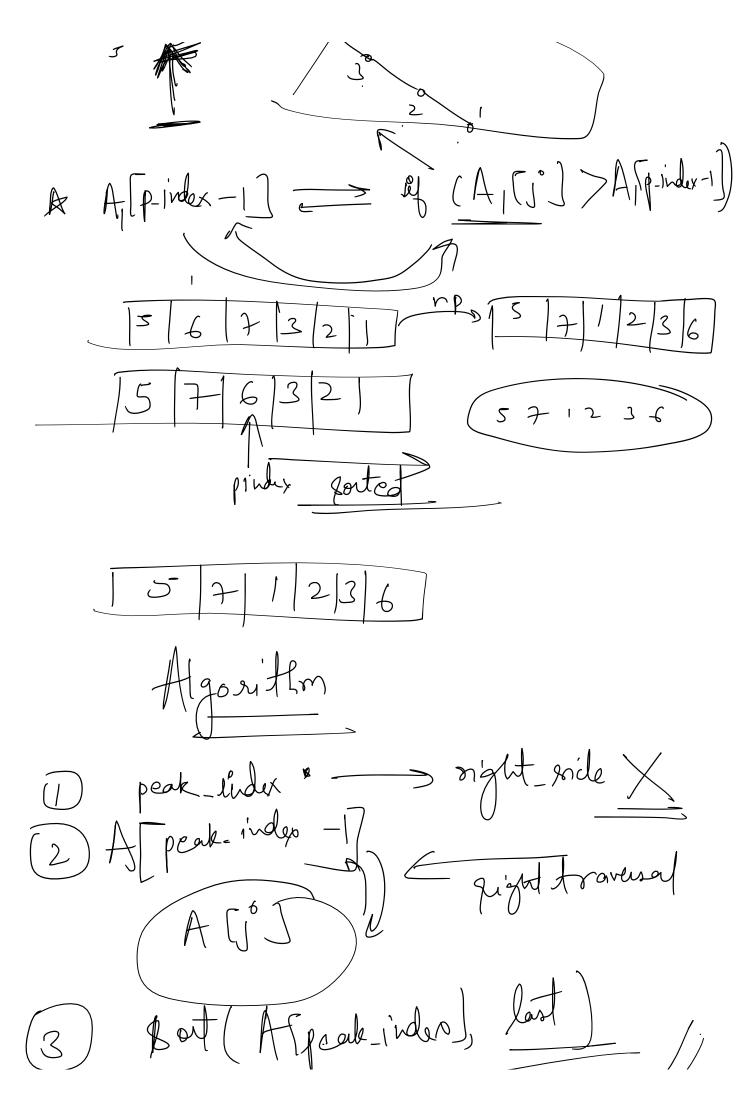
2 21 ast value right side zit is 3 at sweets ACCI 9111 from peak-index to end of the array.

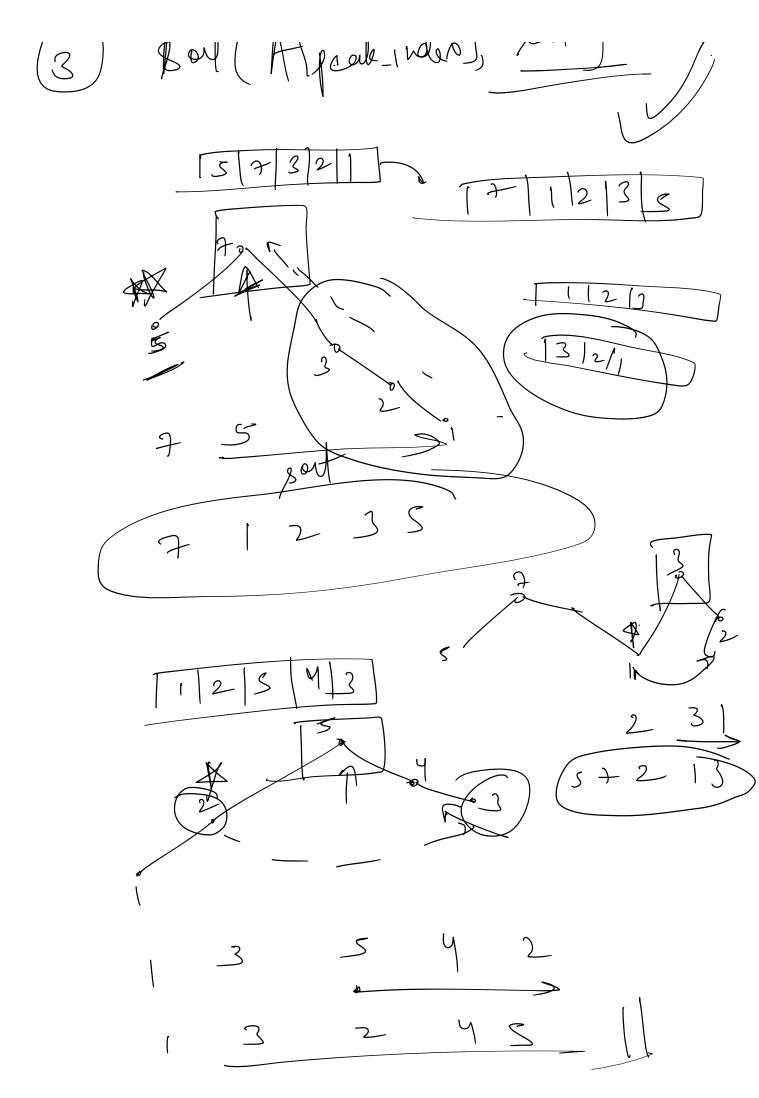


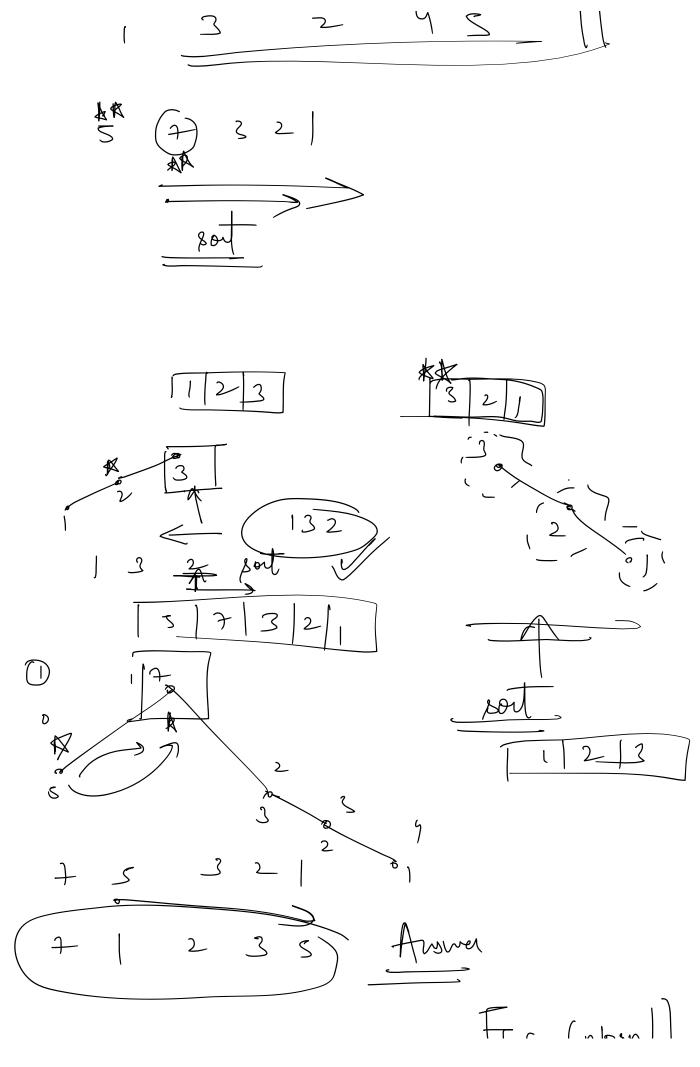


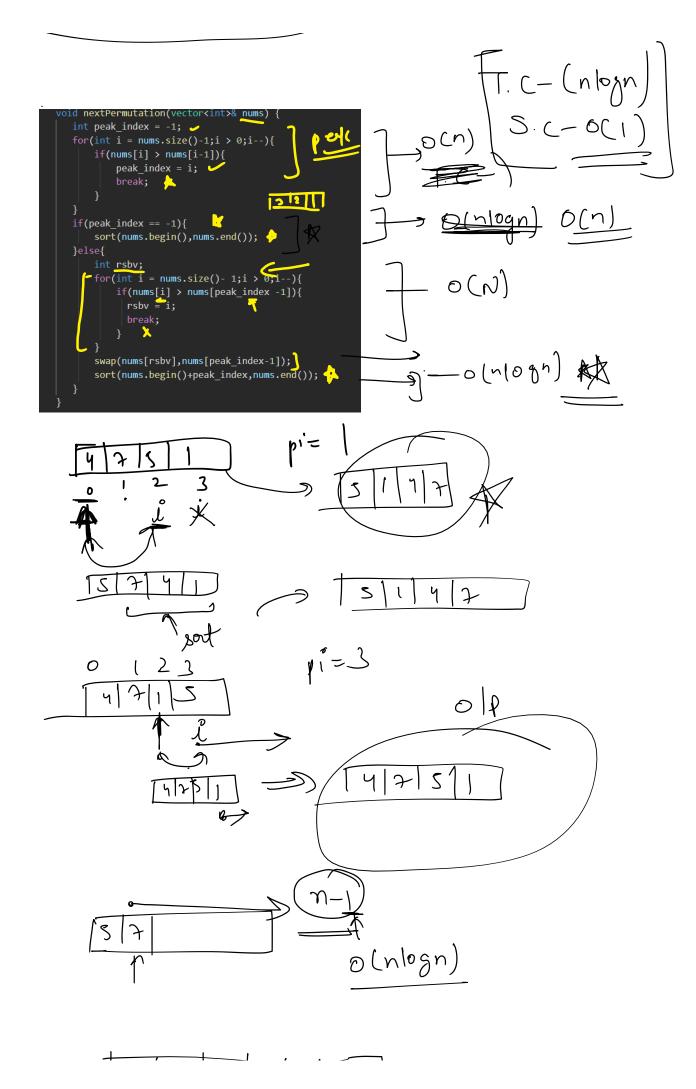


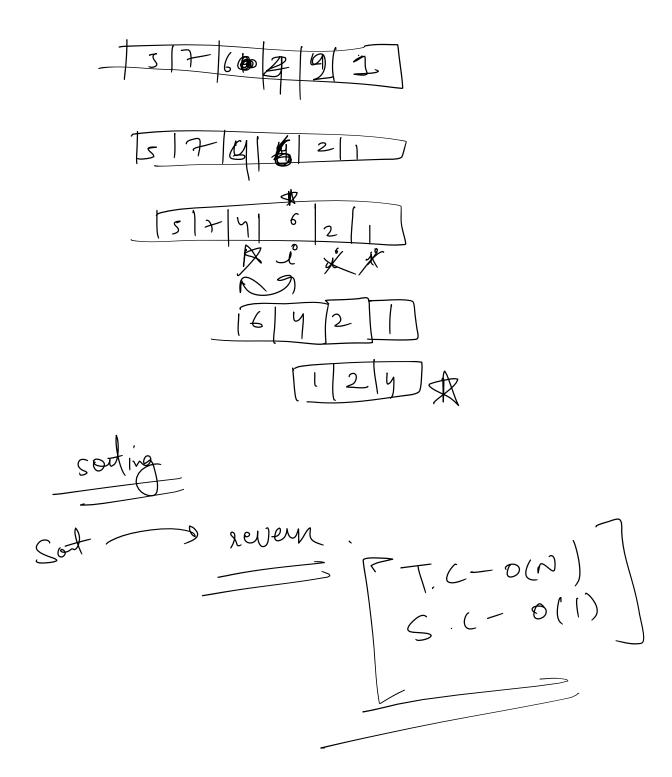
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Classes Page 15

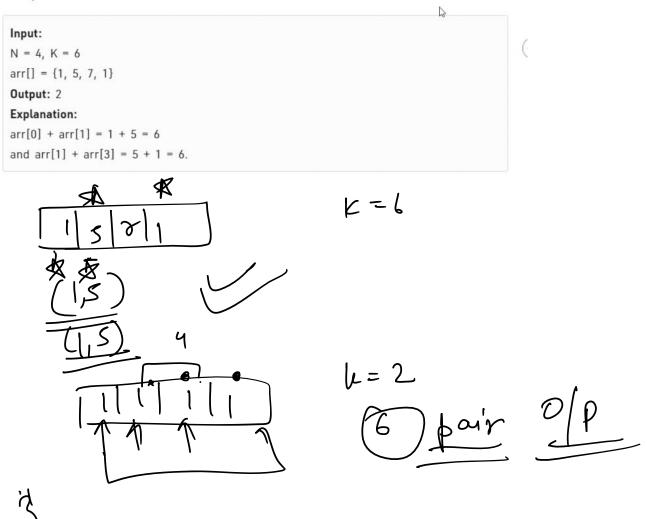
```
void nextPermutation(vector<int>& nums) {
   int peak_index = -1;
   for(int i = nums.size()-1;i > 0;i--){
      if(nums[i] > nums[i-1]){
        peak_index = i;
        break;
    }
}

if(peak_index == -1){
   reverse(nums.begin(),nums.end());
}else{
   int rsbv;
   for(int i = nums.size()- 1;i > 0;i--){
      if(nums[i] > nums[peak_index -1]){
        rsbv = i;
        break;
    }
}

swap(nums[rsbv],nums[peak_index,nums.end());
}
```

Given an array of \mathbf{N} integers, and an integer \mathbf{K} , find the number of pairs of elements in the array whose sum is equal to \mathbf{K} .

Example 1:



1 1 1 1 1 1 1

6 pair 0/p

^نلم

Daire

(N2)

 $\frac{\mathcal{D}(N^2)}{\mathcal{D}(N^2)}$

> for (int j=0; i < n; itt) {
for (int j= l+1; j < n; j+ t) {
}

111157

(2)

11111 * * * * j

1115/7/1 Dictionary

C++
python
Sava

