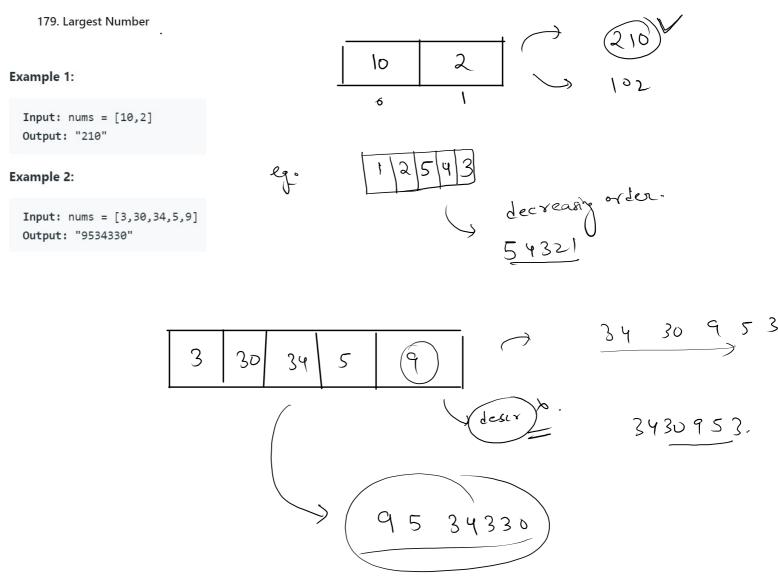
Revision

* Kadane's Algo.

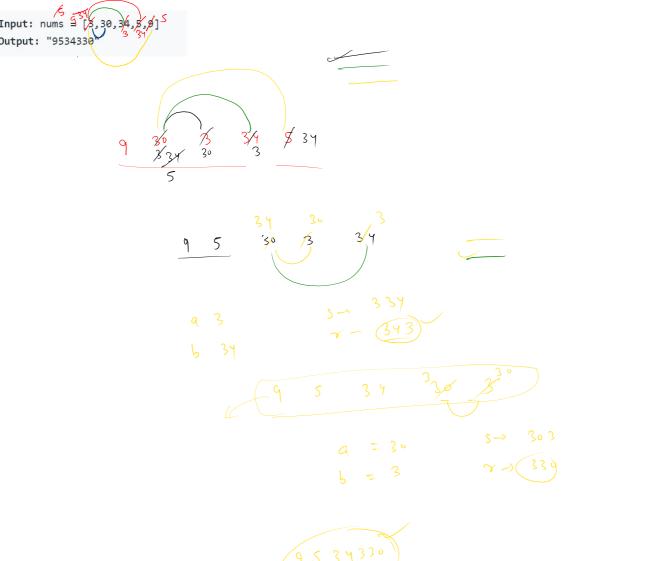
| Maximum sum subarray,

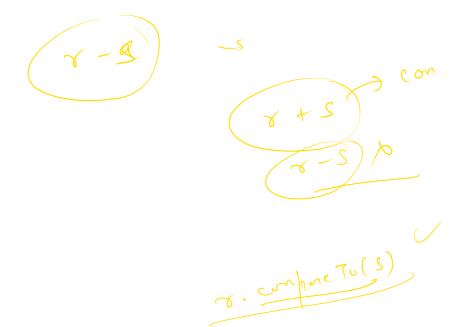


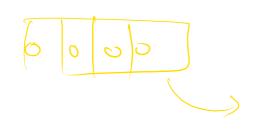
34339

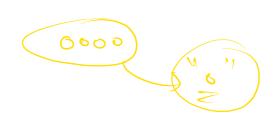
a b

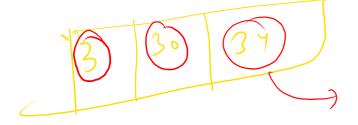
6 = 30

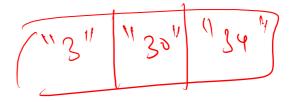


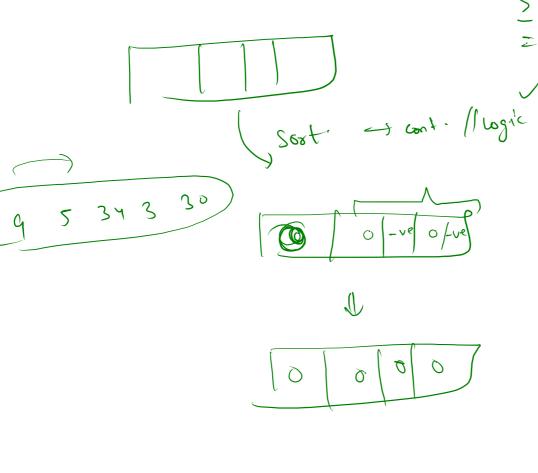


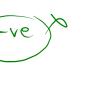










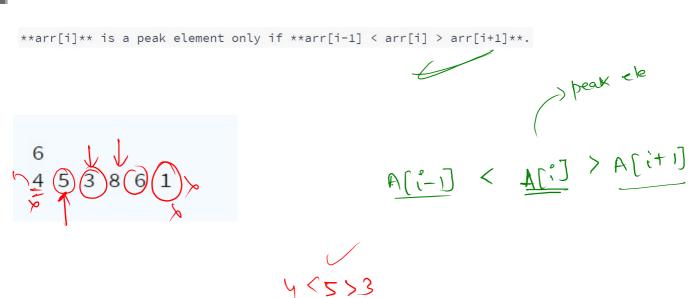


```
int G
public String largestNumber(int[] nums) {
   int n = nums.length;
   String [] S = new String[n];
   for(int i = 0; i < n; i++){
       S[i] = "" + nums[i];
       // S[i] = String.valueOf(nums[i]);
   }
   Arrays.sort(S, (a,b) \rightarrow \{
       String s = a + b;
                                                                                           S-r-s- s. conforc(1)
       String r = b + a;
       return r.compareTo(s);
   });
   if(S[0].equals("0")){
       return "0";
   String ans = "";
   for(int i = 0; i < n; i++){
       ans += S[i];
                                                          0
   return ans;
                                                                       030"
                            ous="37330"
```

ass SULULLOII) public String largestNumber(int[] nums) { int n = nums.length; String [] S = new String[n]; S-337 / for(int i = 0; i < n; i++){ S[i] = "" + nums[i];7-3343 a=3 // S[i] = String.valueOf(nums[i]); 5=30 Arrays.sort(S, $(a,b) \rightarrow \{$ String s = a + b; String r = b + a; return r.compareTo(s); }); if(S[0].equals("0")){ return "0"; String ans = ""; for(int i = 0; i < n; i++){ ans += S[i]; } return ans;

r. comps.

Peak Elements





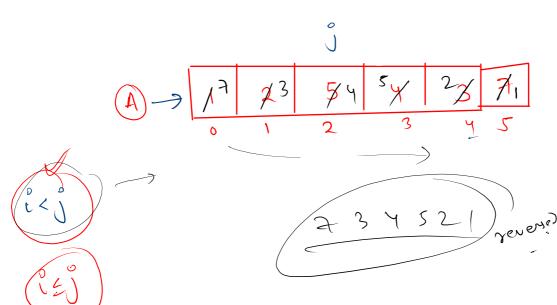
```
1 import java.io.*;
 2 import java.util.*;
 4 public class Solution {
       public static void main(String[] args) {
            Scanner scn = new Scanner(System.in);
           int n = scn.nextInt();
            int [] A = new int[n];
           for(int i = 0; i < n; i++){
1
2
3
4
5
6
7
8
9
0
1
2
3
4
}
                A[i] = scn.nextInt();
           //logic
           for(int i = 1; i < n-1; i++){
                if(A[i] > A[i+1] && A[i] > A[i-1]){
```

System.out.print(A[i] + " ");

}



GKSTR32 Reverse_Array



do not que extra space

```
ublic class Solution {
   public static void reverse(int [] A){
       int i = 0;
       int j = A.length-1;
      while(i < j){</pre>
           int tmp = A[i];
          A[i] = A[j];
          A[j] = tmp;
           i++;
          j--;
       for( i = 0; i < A.length; i++){
           System.out.println(A[i]);
   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();
       reverse(A);
```

```
1 2 (3 4 5 ();

() 1 2 (5 4 3 7

reverse (A, start, end)
```

Ĺ

Type Coshing. explicit emplicit by programmer Jone * done by jour manual automatic ey converting
int into chas egs converting chare into int chan th = (char) (22); int v = 'a';