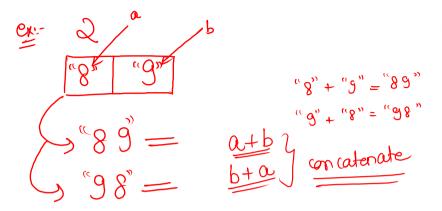
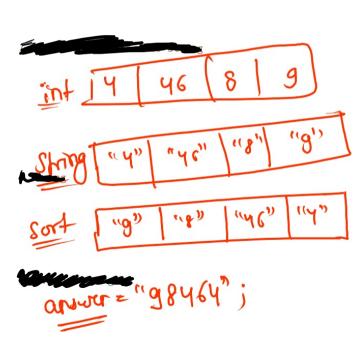
Form the largest number





```
public static void largestNumber(int[] arr, int n) {
    String[] str = new String[arr.length];
    for (int i = 0; i < n; i++) {
        str[i] = String.valueOf(arr[i]);
                                           // used to convert int to string
   Arrays.sort(str, new myComparator());
       if (str[0].equals("0")) {
           System.out.println("0");
           return;
    String answer = new String(); // declare String
    for (int i = 0; i < n; i++) {
        answer += str[i];
   System.out.println(answer);
public static class myComparator implements Comparator<String> {
   @Override
    public int compare(String a, String b) {
        String case1 = a + b;
        String case2 = b + a;
        return case2.compareTo(case1); // compareTo used to compare 2 values
```

Max Subarray 2

```
public static void maxSum(int[] arr, int n) {
    int ans = 0;
    int maxAns = Integer.MIN_VALUE;
    for (int i = 0; i < n; i++) {
        if ( ans < 0 ) {
            ans = arr[i];
        } else {
            ans = ans + arr[i];
        }
        if ( maxAns < ans ) {
            maxAns = ans;
        }
    }
}</pre>
```

```
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
[-2,1,-3,4,-1,2,1,-5,4]
```

System.out.println(maxAns);

nums = [5,4,-1,7,8]

(Kadanes Lalgorithum