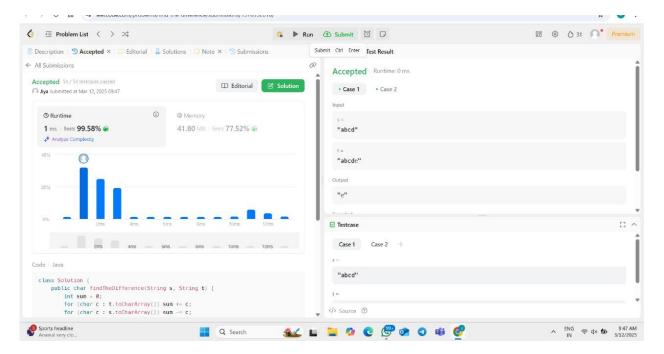


389. Find the difference

https://leetcode.com/problems/find-the-difference/description/

```
class Solution {
   public char findTheDifference(String s, String t) {
      int sum = 0;
      for (char c : t.toCharArray()) sum += c;
      for (char c : s.toCharArray()) sum -= c;
      return (char) sum;
   }
}
```

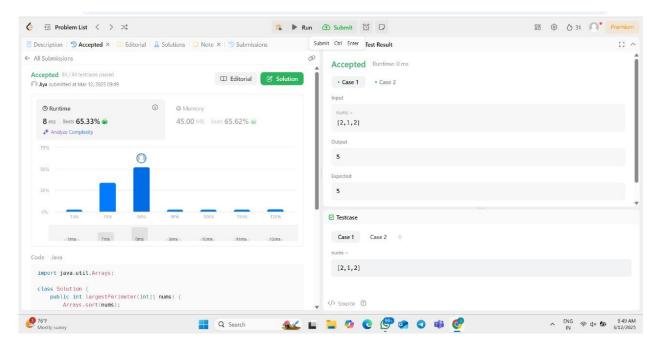


976. Largest Perimeter Triangle

https://leetcode.com/problems/largest-perimeter-triangle/description/

```
import java.util.Arrays;

class Solution {
    public int largestPerimeter(int[] nums) {
        Arrays.sort(nums);
        for (int i = nums.length - 1; i >= 2; i--) {
            if (nums[i - 1] + nums[i - 2] > nums[i]) {
                return nums[i] + nums[i - 1] + nums[i - 2];
            }
        }
        return 0;
    }
}
```

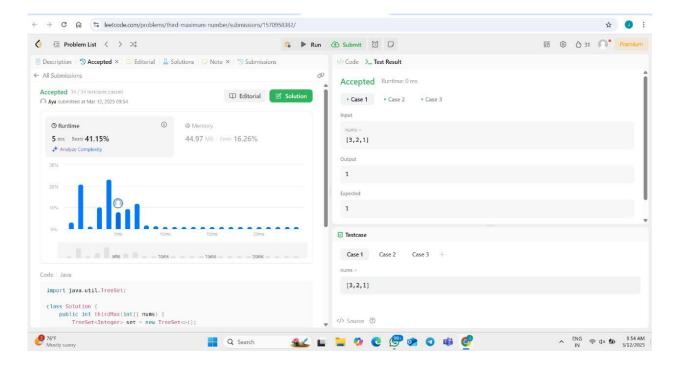


414. Third Maximum Number

https://leetcode.com/problems/third-maximum-number/description/

```
import java.util.TreeSet;

class Solution {
    public int thirdMax(int[] nums) {
        TreeSet<Integer> set = new TreeSet<>();
        for (int num : nums) {
            set.add(num);
            if (set.size() > 3) set.pollFirst();
        }
        return set.size() == 3 ? set.first() : set.last();
    }
}
```



451. Sort Characters By Frequency

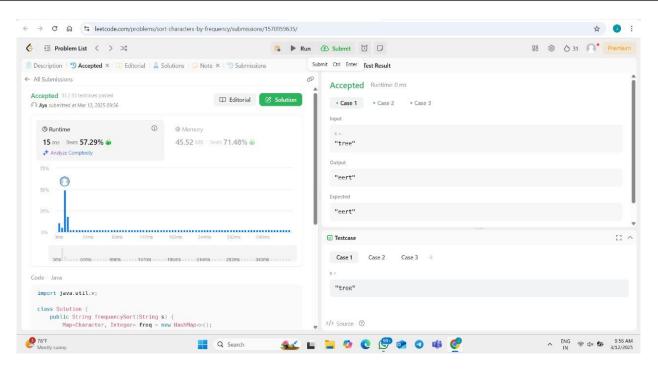
https://leetcode.com/problems/sort-characters-by-frequency/description/

```
import java.util.*;

class Solution {
    public String frequencySort(String s) {
        Map<Character, Integer> freq = new HashMap<>();
        for (char c : s.toCharArray()) freq.put(c, freq.getOrDefault(c, 0) + 1);

    PriorityQueue<Character> pq = new PriorityQueue<>((a, b) -> freq.get(b) -
freq.get(a));
    pq.addAll(freq.keySet());

    StringBuilder res = new StringBuilder();
    while (!pq.isEmpty()) {
        char c = pq.poll();
        res.append(String.valueOf(c).repeat(freq.get(c)));
    }
    return res.toString();
}
```

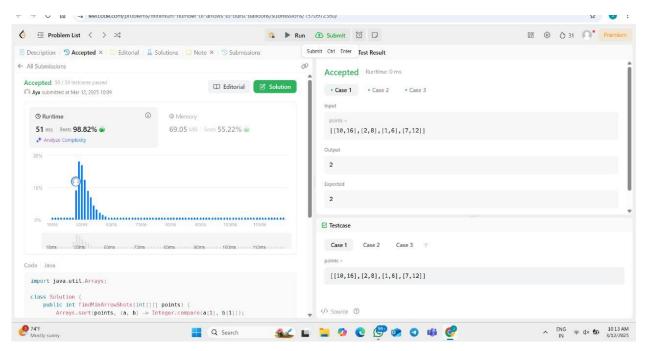


452. Minimum Number of Arrows to Burst Balloons

https://leetcode.com/problems/minimum-number-of-arrows-to-burst-balloons/

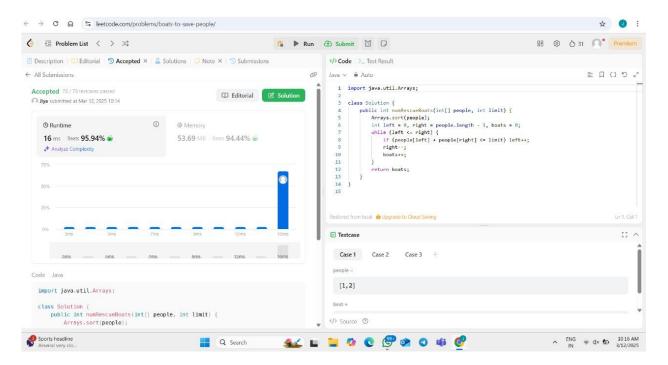
```
import java.util.Arrays;

class Solution {
    public int findMinArrowShots(int[][] points) {
        Arrays.sort(points, (a, b) -> Integer.compare(a[1], b[1]));
        int arrows = 1, end = points[0][1];
        for (int i = 1; i < points.length; i++) {
            if (points[i][0] > end) {
                arrows++;
                end = points[i][1];
            }
        }
        return arrows;
    }
}
```



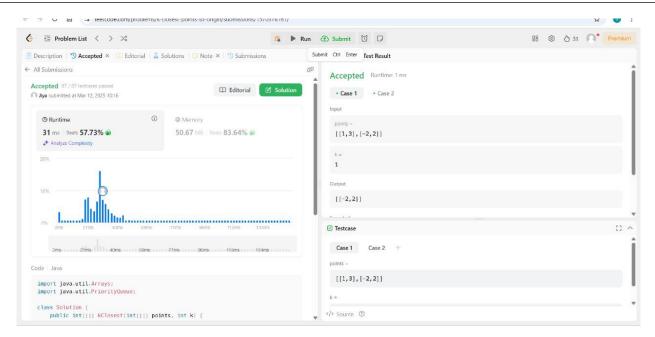
881. Boats to Save People

https://leetcode.com/problems/boats-to-save-people/description/



973. K Closest Points to Origin

https://leetcode.com/problems/k-closest-points-to-origin/description/



1338. Reduce Array Size to The Half

https://leetcode.com/problems/reduce-array-size-to-the-half/description/

```
import java.util.*;
class Solution {
    public int minSetSize(int[] arr) {
        Map<Integer, Integer> freqMap = new HashMap<>();
        for (int num : arr) {
            freqMap.put(num, freqMap.getOrDefault(num, 0) + 1);
        }
        List<Integer> freqList = new ArrayList<>(freqMap.values());
        Collections.sort(freqList, Collections.reverseOrder());
        int halfSize = arr.length / 2;
        int removed = 0, count = 0;
        for (int freq : freqList) {
            removed += freq;
            count++;
            if (removed >= halfSize) break;
        }
        return count;
    }
}
```

