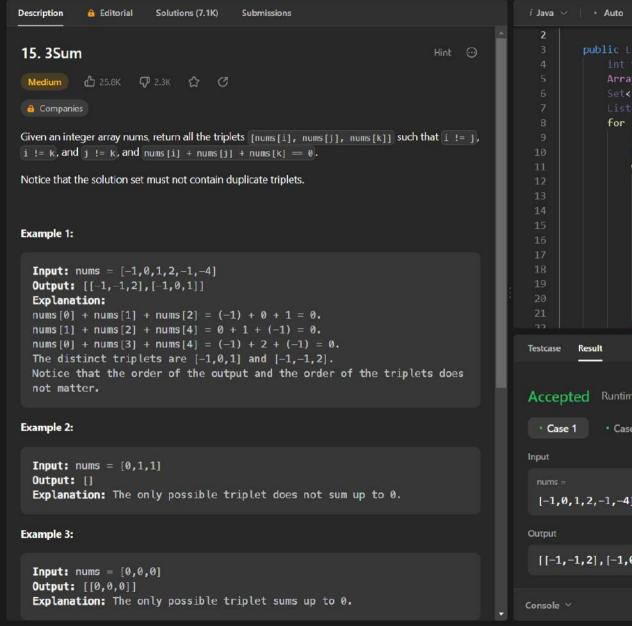


```
i C++ V Auto
         int threeSumClosest(vector<int>& nums, int target) {
               sort(nums.begin(),nums.end());
             int diff = INT MAX;
             int ans = 0;
             for(int i=0; i<nums.size(); i++){ //fixating the first element
                 int first = nums[i]; // first element
                 int start = i+1;
                 int end = nums.size()-1;
                 while(start<end) {
                     if(first+nums[start]+nums[end]==target)return target;
                     else if (abs(first+nums[start]+nums[end]-target)<diff){
                         diff = abs(first+nums[start]+nums[end]-target);
                         ans = first+nums[start]+nums[end];
                     if(first+nums[start]+nums[end]>target)end--;
                     else start++;
Testcase
Accepted Runtime: 5 ms
  · Case 1
             Case 2
Input
  [-1,2,1,-4]
Output
                                                                                         Submit
Console Y
                                                                                Run
```



```
public List<List<Integer>>> threeSum(int[] nums) {
             int target = 0;
             Arrays.sort(nums);
             Set<List<Integer>> s = new HashSet<>();
             List<List<Integer>> output = new ArrayList<>();
             for (int i = 0; i < nums.length; i++){
                 int j = i + 1;
                 int k = nums.length - 1;
                 while (j < k) {
                     int sum = nums[i] + nums[j] + nums[k];
                     if (sum == target) {
                         s.add(Arrays.asList(nums[i], nums[j], nums[k]));
                      } else if (sum < target) {</pre>
                         j++;
                      } else {
Accepted Runtime: 0 ms
             . Case 2
                        Case 3
 [-1,0,1,2,-1,-4]
 [[-1,-1,2],[-1,0,1]]
                                                                                          Submit
                                                                                 Run
```

