DSA- Assignment-1

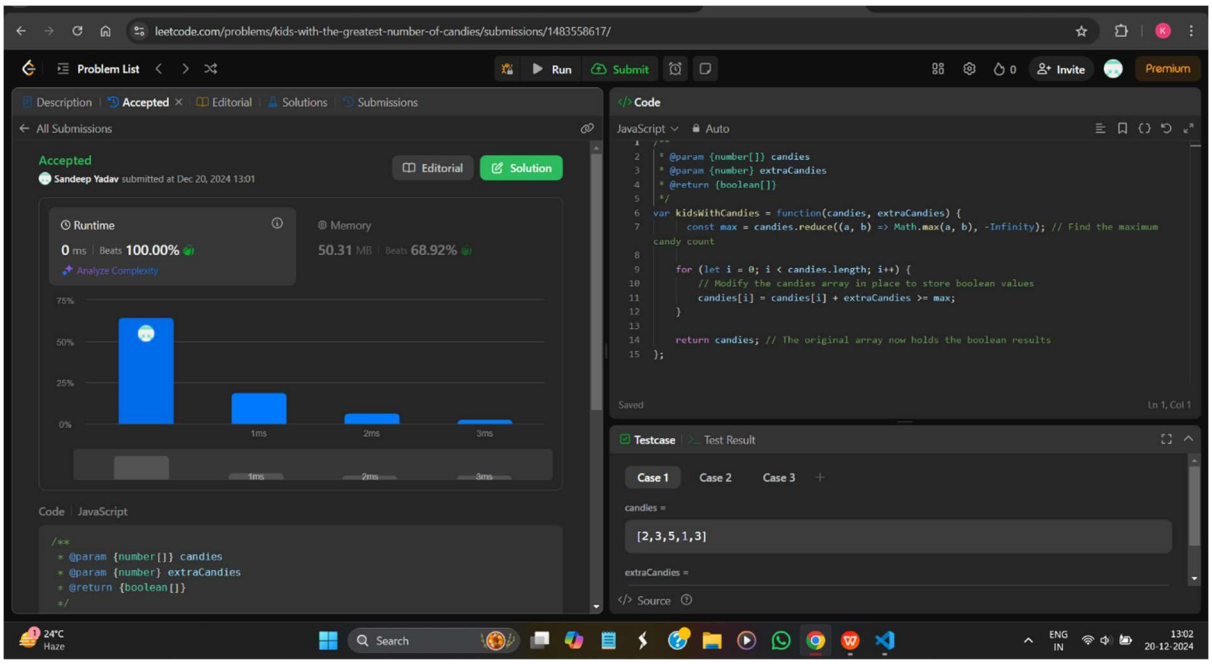
Questions List :-

1. Question was- https://leetcode.com/problems/kids-with-the-greatest-number-of-candies/description/

Solution Link –https://leetcode.com/problems/kids-with-the-greatest-number-of-candies/submissions/1483558617/

***Time Complexity:* O(n)**

***Space Complexity:* O(1)**

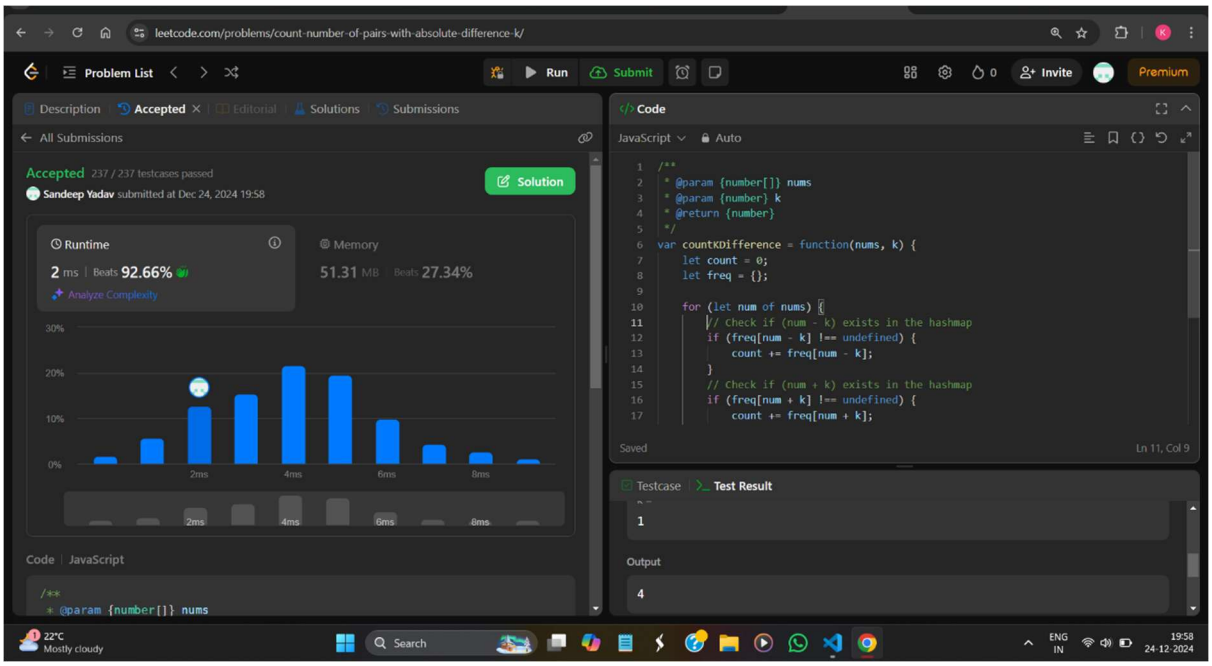


2. Question was- https://leetcode.com/problems/count-number-of-pairs-with-absolute-difference-k/description/

Solution Link– *https://leetcode.com/problems/count-number-of-pairs-with-absolute-difference-k/submissions/1487226106/*

***Time Complexity:* O(n)**

***Space Complexity:* O(n)**

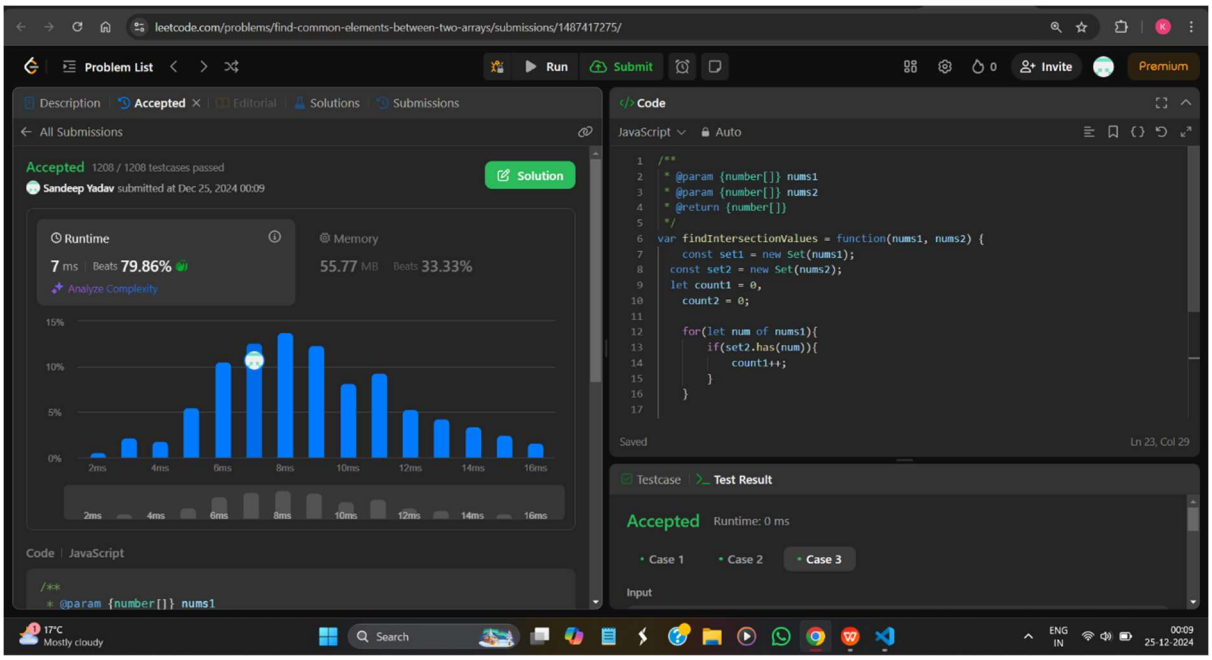


3. Question was- https://leetcode.com/problems/find-common-elements-between-two-arrays/description/

Solution Link– https://leetcode.com/problems/find-common-elements-between-two-arrays/submissions/1487417275/

Time Complexity: O(n+m)

Space Complexity: O(n+m)

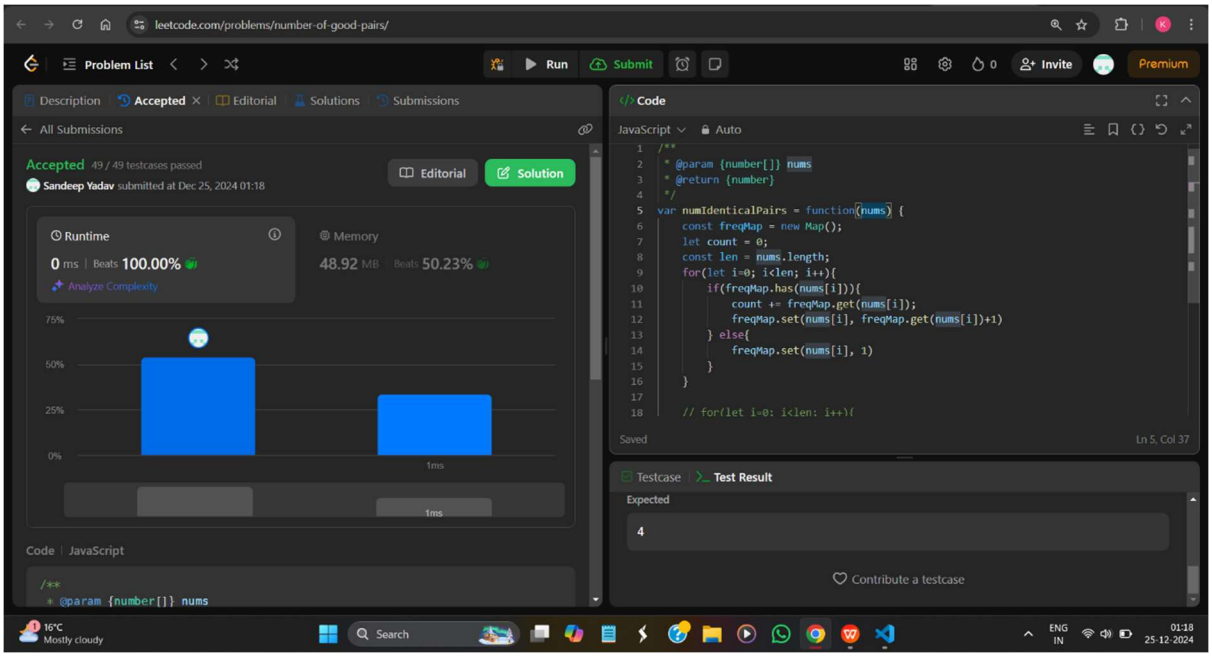


4. Question was- https://leetcode.com/problems/number-of-good-airs/description/

Solution Link– https://leetcode.com/problems/number-of-good-pairs/submissions/1487459465/

Time Complexity: O(n)

Space Complexity: O(u) *//u is number of unique elements*

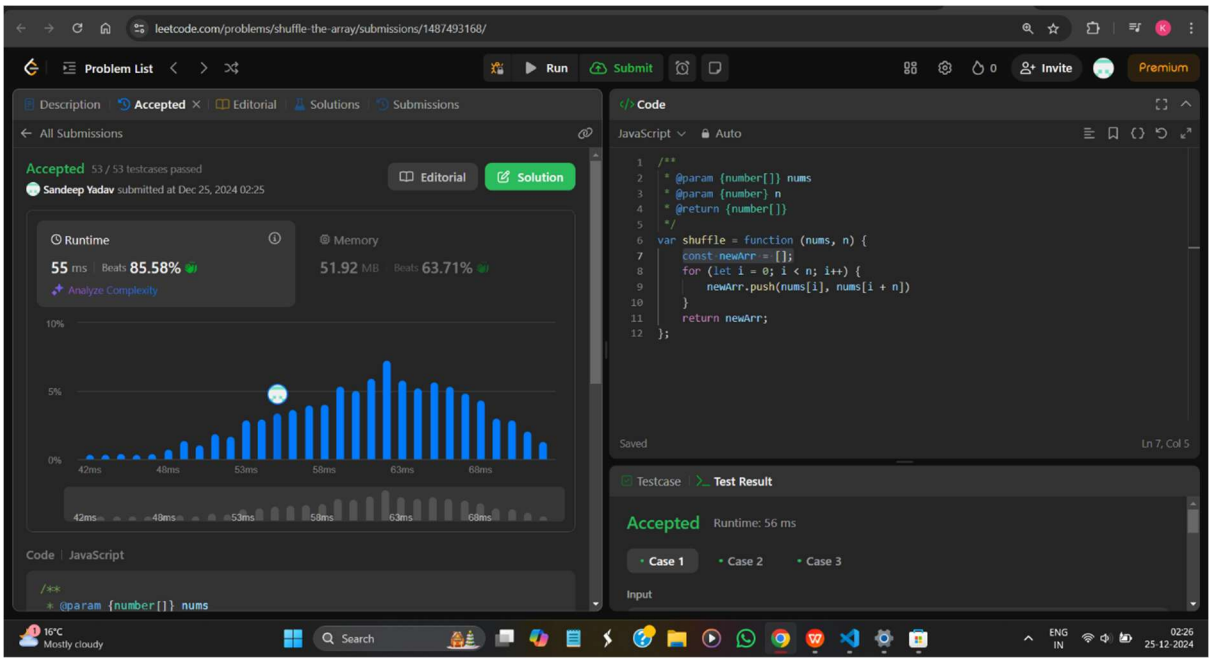


5. Question was- https://leetcode.com/problems/shuffle-the-array/

Solution Link- https://leetcode.com/problems/shuffle-the-array/submissions/1487493168/

Time Complexity: O(n)

Space Complexity: O(n)



Key Features :-

- Solutions are less time taking.

Difficulties :-

- Facing Difficulties in Code Optimization.
- Try to make code efficient and use better approach to solve them.