Assignment 5

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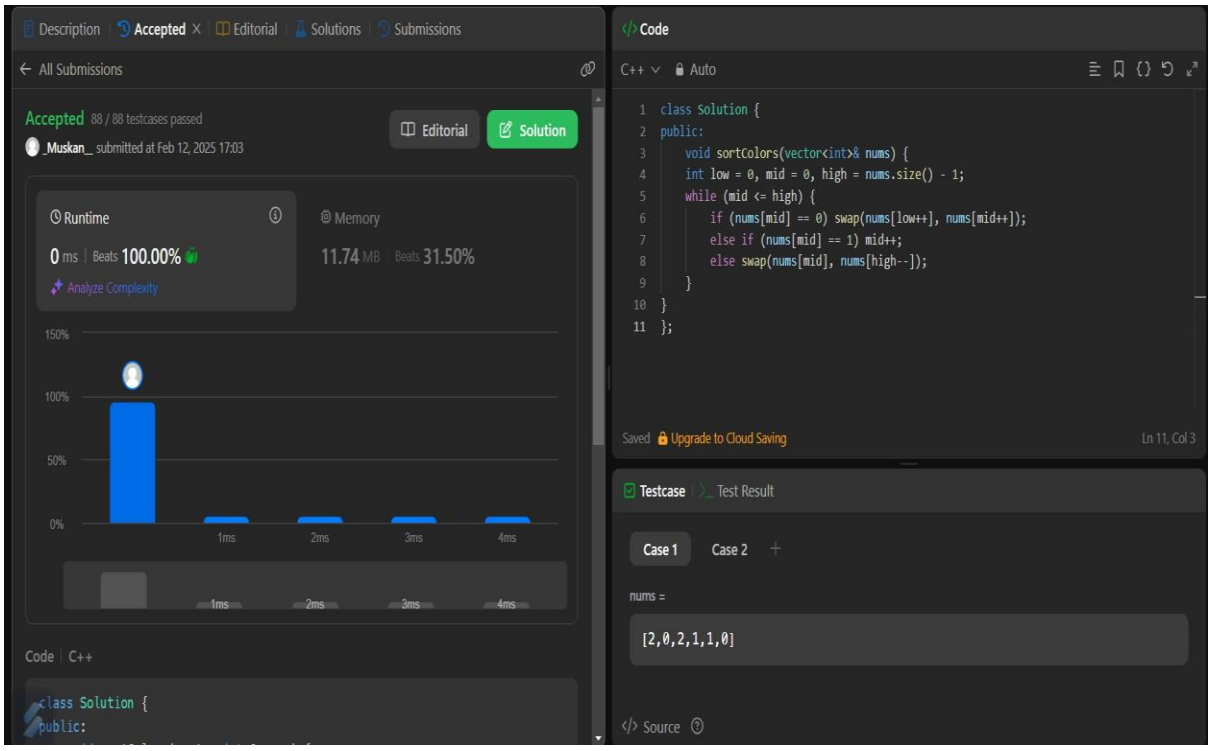
Section: IOT_637-B	**Subject: AP Lab II**

75. Sort Colors

```
class Solution { public:     void sortColors(vector<int>& nums) {
        int low = 0, mid = 0, high = nums.size() - 1;     while (mid <=
        high) {         if (nums[mid] == 0) swap(nums[low++],
        nums[mid++]);         else if (nums[mid] == 1) mid++;
        else swap(nums[mid], nums[high--]);
           }
        }
        };
```



215. Kth Largest Element in an Array

```
class Solution { public:     int findKthLargest(vector<int>&
    nums, int k) {     priority_queue<int, vector<int>,
    greater<int>> pq;     for (int num : nums) {
    pq.push(num);         if (pq.size() > k) pq.pop();
       }     return
    pq.top();
    }
    };
```