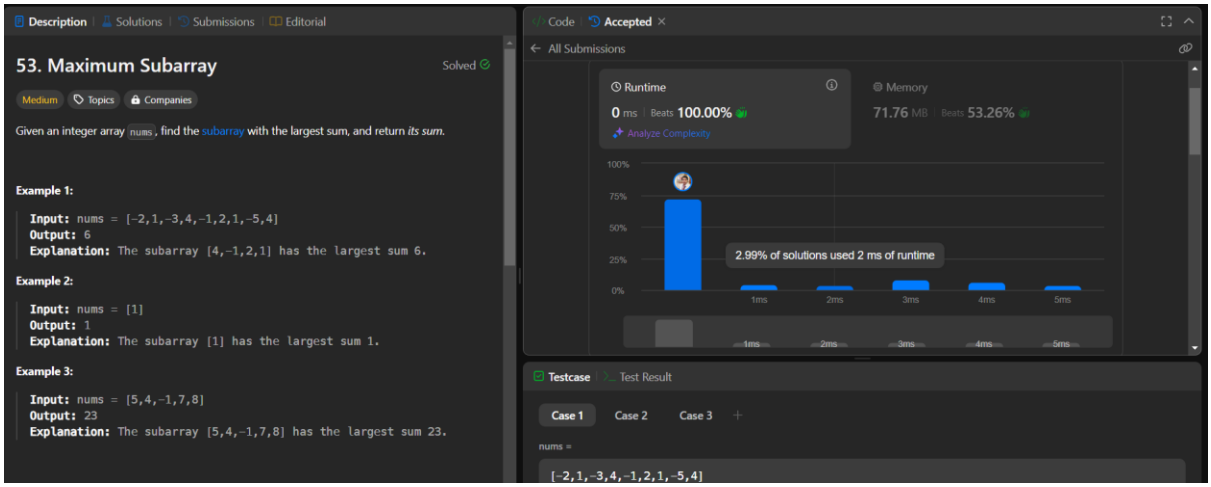
53. Maximum Subarray



Code:

```
class Solution {
public:
    int maxSubArray(vector<int>& nums) {
        // kadane's algorithm

        int maxi = INT_MIN;
        int currSum = 0;
        for (int i = 0; i < nums.size(); i++) {
            currSum += nums[i];

            if (currSum > maxi) //if current sum is greater than maximum sum then maxi=currSum
                maxi = currSum;
            if (currSum < 0)//if currentsum become -ve reset it to 0
                currSum = 0;
        }
        return maxi;
    }
};
```