Performance Analysis

*Contest #3*

# THINGS TO IMPROVE

1. For problem C it was clearly stated that the array could contain negative numbers, but I didn’t check for that in my first submission.

* Fix: Make sure I don’t miss any essential information before trying to solve the problem. I could have easily avoided a 20 minute penalty

1. Made a similar even more silly mistake for problem D. Didn’t fully understand what the question was asking for before I started trying to solve it. Got wrong submissions a few times before going back to read the problem to get what I was supposed to do. Even after understanding I overcomplicated the solution and wasted too much time on this problem

* Fix: Never try to solve the problem until I don’t understand it fully

1. Spent over an hour on problem E and still couldn’t come up with a solution. Gave up totally at a point and was just watching the standings.

* Fix: Never give up until the last second. Practice more problems outside the contest to be more ready. And look at the standings less especially when I have only 1 problem left.

# THINGS I DID GOOD

1. Made sure I whiteboarded before solving each problem. So I knew what I was trying to implement before touching the keyboard.
2. Didn’t waste any time on the first three problems. And used the examples to my advantage especially for problem A which was a bit confusing.
3. For problem E, I had a solution in mind that would have worked but it had a complexity of n^2 so I didn’t even try it since I would have got TLE for one of the test cases. So I guess I applied knowledge from the lecture on Big O notation.