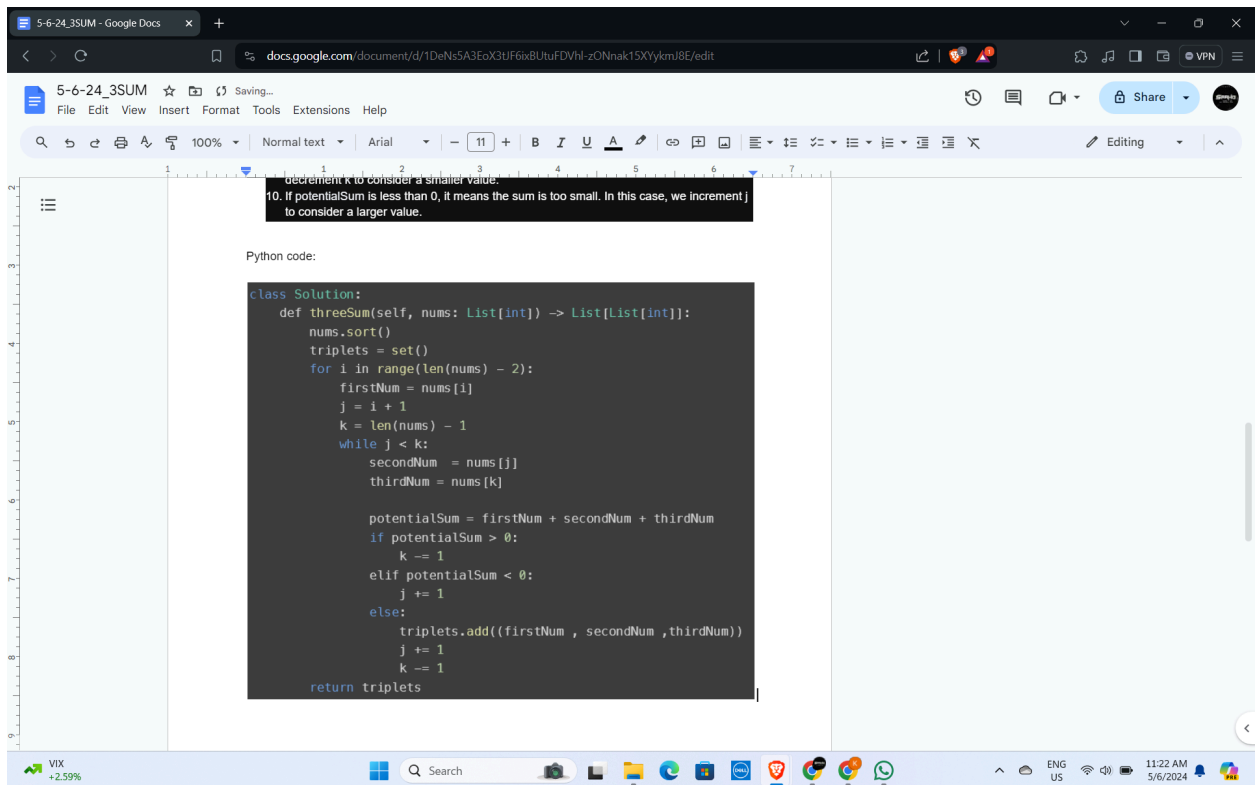


Day91 - May 6th 2024

1. Started my day as usual
2. Solved 3SUM **15. 3Sum** Problem on leetcode..

Pls find my solution and intuition here :

<https://docs.google.com/document/d/1DeNs5A3EoX3tJF6ixBUtuFDVhl-zONnak15XYyk-mJ8E/edit?usp=sharing>



decrement k to consider a smaller value.
10. If potentialSum is less than 0, it means the sum is too small. In this case, we increment j to consider a larger value.

Python code:

```
class Solution:
    def threeSum(self, nums: List[int]) -> List[List[int]]:
        nums.sort()
        triplets = set()
        for i in range(len(nums) - 2):
            firstNum = nums[i]
            j = i + 1
            k = len(nums) - 1
            while j < k:
                secondNum = nums[j]
                thirdNum = nums[k]

                potentialSum = firstNum + secondNum + thirdNum
                if potentialSum > 0:
                    k -= 1
                elif potentialSum < 0:
                    j += 1
                else:
                    triplets.add((firstNum, secondNum, thirdNum))
                    j += 1
                    k -= 1
            return triplets
```

3. Actually started moving to Texas today..in car took 12 hrs...so could not solve SQL problem