Day-19 Python DSA

Leetcode 152 Maximum Product Subarray

https://leetcode.com/problems/maximum-product-subarray/description/

Bruteforce

```
def maxProduct(nums):
  n=len(nums)
  maxi= float("-inf")
 for i in range(0,n):
   product=1
   for j in range(i,n):
     product *= nums[j]
     maxi= max(maxi, product)
  return maxi
nums = [2,3,-2,4]
maxProduct(nums)
TC - O(N^2)
SC- O(1)
Optimal
class Solution:
    def maxProduct(self, nums: List[int]) -> int:
        ans= nums[0]
        dpMin = nums[0]
        dpMax= nums[0]
       for i in range(1, len(nums)):
```