DSA –day4

""def know\_value(array , ):

i = 0

n = len(array)

array.sort()

result = []

left = i+1

right = n-1

for i in range(len(array)-2):

if i>0 and array[i]==array[i-1]:continue

while(left <right) :

sum\_total = array[i]+array[left]+array[right]

if sum\_total > 0:

right = right -1

elif sum\_total < 0:

left = left+1

else:

result.append([array[left] , array[right] , array[i]])

return result

print(know\_value([-1 ,0 ,1 ,2 ,-1,4] ))"""

"""

def sum\_array(nums , k):

sum\_list = {0:1}

n = len(nums)

count = 0

s = 0

for num in nums:

s+=num

if s-k in sum\_list :

count += sum\_list[s-k]

if s in sum\_list:

sum\_list[s]=+1

else:

sum\_list =1

return count

print(sum\_array([3,4,7,2,-3,1,4,2] , 7))"""

"""

def check\_array(nums , target):

nums.sort()

result = sum(nums[:3])

for i in range(len(nums)-2):

s = i+1

e = len(nums)-1

while(s<e):

sum\_here = nums[i]+nums[s]+nums[e]

if abs(sum\_here-target)<abs(result-target):

result = sum\_here

if sum\_here < target:

s+=1

else:

e-=1

return result

print(check\_array([-1,2,1,-4],1))"""