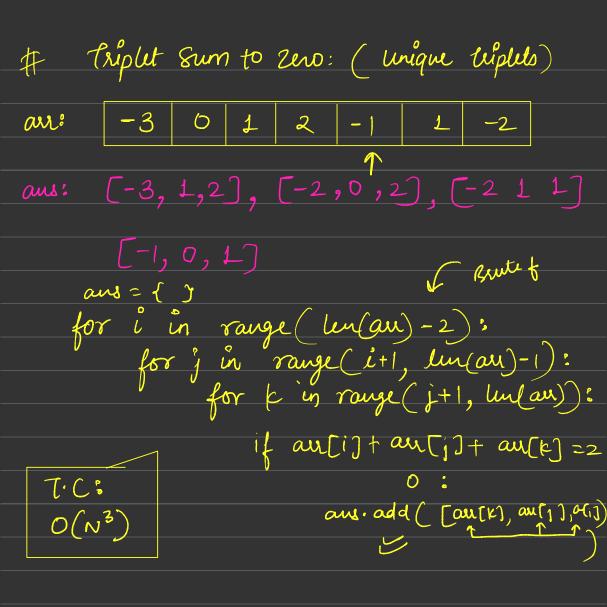
Session 2 - September 08, 2022

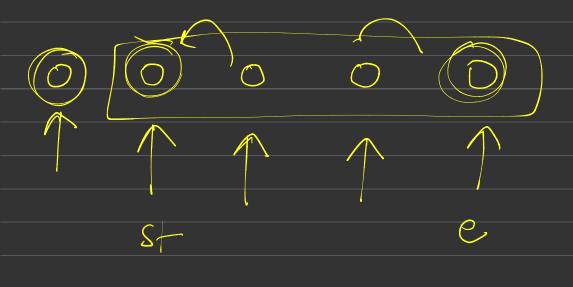
| / |
|---|



an: -3 0 1 2 -1 1 -2

sort (an)

an: -3 -3 -1 0 1 1 2 2



8++e=0

def solve (air): triplets= [] i in range (lin(au)): target = -arri if i>0 and arrij== arri-ij: continue find-pair (aer, i+1, target, triplets) find-pair (our, start, target, triplets): right = len(au)-1 while left < right? cursum = ar[ift] + ar[night] if airsum == target & toplets-append (-target, ar(lift), an (right) while upknown aur (up) == aur (upt-1) : while left to and antigut == autingut fil) def cur < talget ? Uft +21 night -= |

det count Triplets (arr , target): arr.sort() count=0 for i in range (lin/au)-2): count += find_pair(air, air[i], i+1, target) return count def find-pair (au, fist, start, target): count = 0 end = lin(au)-1 while start < end:

if fust + au[start] + au[end] < target: count += (end-start)

start +2/

else:

end - 21

return count

Floblem: You are given an array nums
and a range [a,b]. # 87 triplets whose sum lies in r dose bracket 01-02 [8,14] 3 Sum closest