

You are guen an array. find the Subarray with marunum Sum in the array.

-2, -2, 4, -1, -2, 1, 5, -3 1 NX105/ if me profer. Sur becomes <0, men me cliscond every mi before it & start treaty a view array

at each point of time un me deralie Algerithm

1 global-man = 2 hoefusur 73/1-1 2 man val endy here = 0 for (i in arr)

mach-val-endy-he += are [:] if (man-val-ende here > global men) L update global men yil (man-val-ende here > 0) man-val-ende here > 0)

Dos 400 have an unsarted array of leylle N, & elements are from the range 1-N There is one element from the varye foresent their find the repeated element.

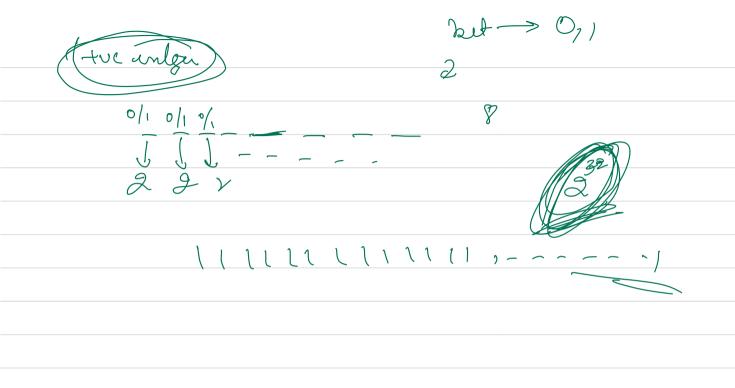
N \leq 10^{\frac{7}{2}} W-S (-1,-3,-2,5,2) We son mark the foresone of melents

and [abs (and [i]) and [i]

In You have an array of size N, So you ceell get elements un me varge (1-N+2). No clement

NS(O)

How integer are stared in numary -> Binary Binary the no. Unsyrea 32) bets en memor



lw. doing igned no. 28 complement from

-> 10101110 -> 2 complement

1 15 complex

0 101000)

+1

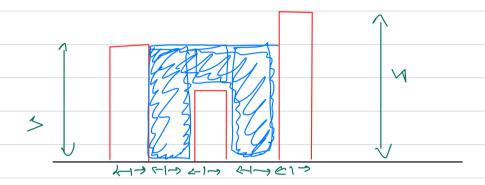
6 1010010 -> 25 complex

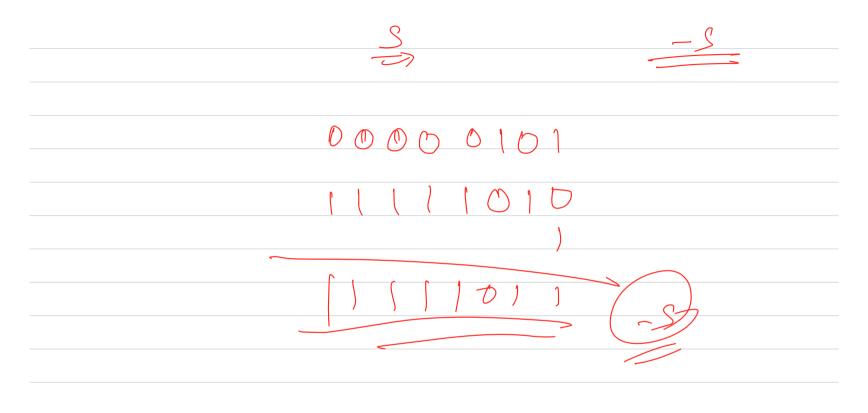
we represent positive numbers in kenary negative numbers un &'s compliment 's

mays are linear dala structure - angs can ke unitedend at compele / ountin int ans [7] int an = new in+ (n); Ryrame I lov cannot shrunk or grow the array -> Always take contiguões nemen space -> Parsed by reference in feur "

* Rais Water Marcusling Cruen avoy of non-nepotier velues. Each inder reprent heydet of a boer to cach bas has a midle 1. Compete how much water can be brapped in The array. $N \leq 10^{\frac{1}{5}}$

3 p 2 0 4





for all elements by going to and Cabo Car (i)) So make me element sugature. If me dement is already negative use 900 No repeated elect at it idn First onsplud??) Q 3 3 3 0 0 2 0 2 2 0 3 3 vale the man hylig ons f = min (right on [i], left mu [i]) - q[i]