

· Sum - sum + i. &

cach 2:

Sum = 1.2+2.2+3.2+4.2+...+ W.Z = & (1+2+3+4+ ... + lb)

Sum = & (1+ W). W



cock 1.

int sum = Di tong & d'ê muc le q chiêr

for (1=1=) w) Sum = Sum + i. &

()(n)

SE Harte ans = sum - p j

Cach ? : tour vip Pro

sum = 1. R+2R+3R+...+ W. R

$$= k (1 + 2 + 3 + ... + w)$$
Sum = k. (w + 1). w
2

Sum ) n



Sum - n < 0 cans = 0

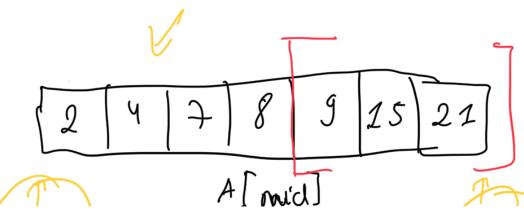
ans = man (Sum - n, 0)



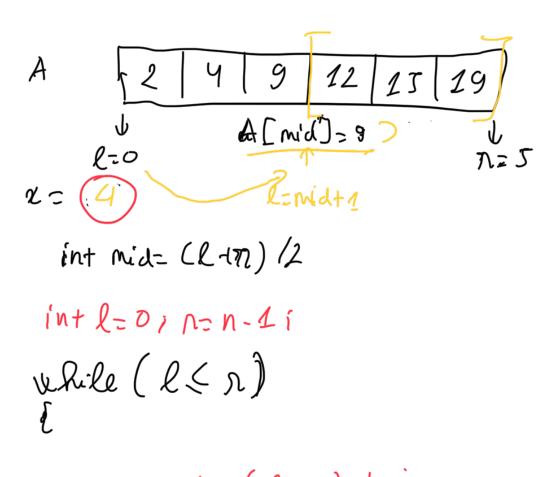
A

Détim 2 trong many A x = 9

Binary search



Dirany search



int mid = (l+n)/2iif (A[mid] = = 2) return mid; = 2 (AT = 1) = 2 (AT = 1)

IJIMINOUL MI NE MIATY else no mid-1 neturn-1; N= 1 18 22 4 A[mid] int Search() while (LEr) int maid=(l+n)/2i (If (A[mid] == 20) The turn nut TJ(A[mid] < r) l= mid+1: llse n=mid-1 return - 1i x