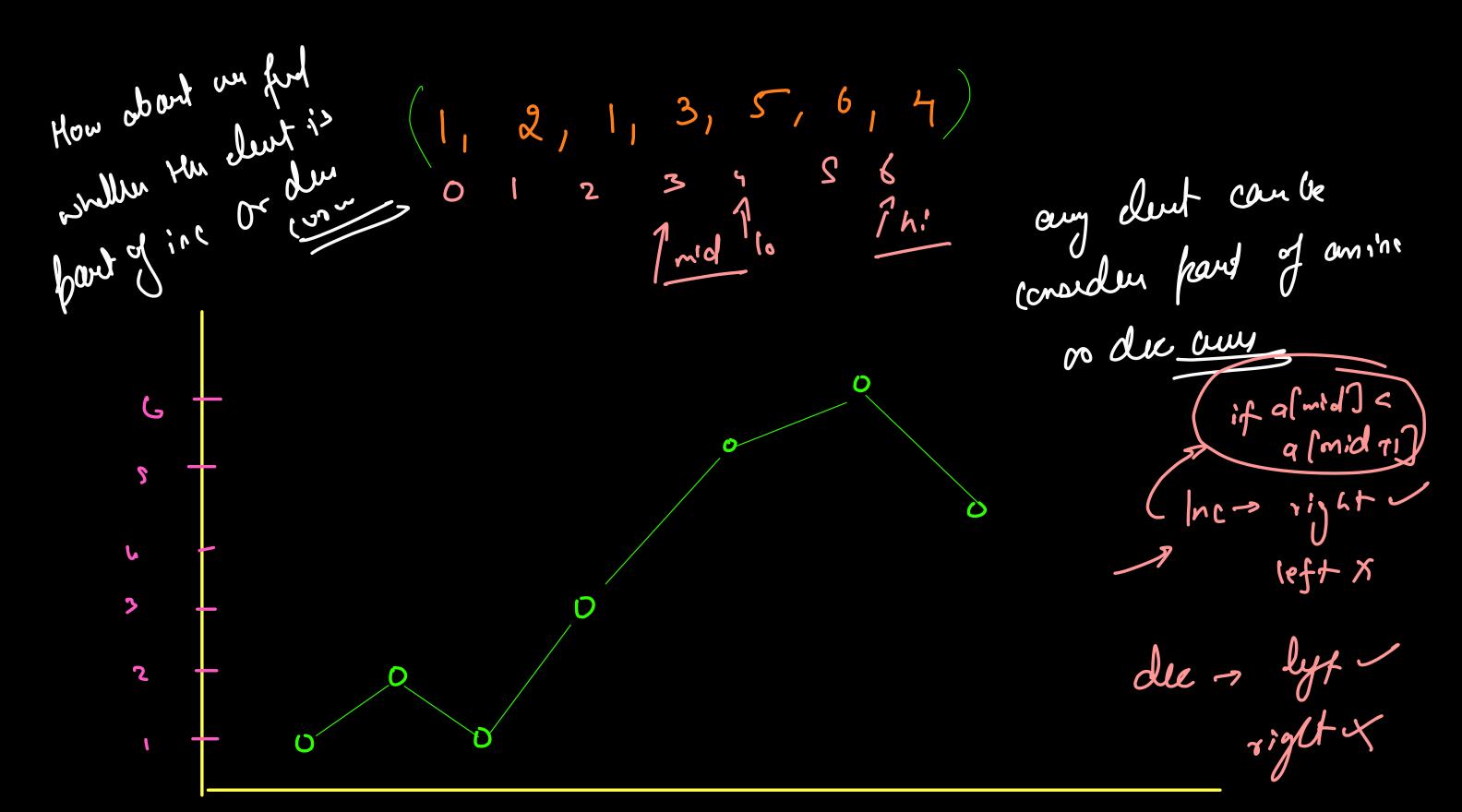
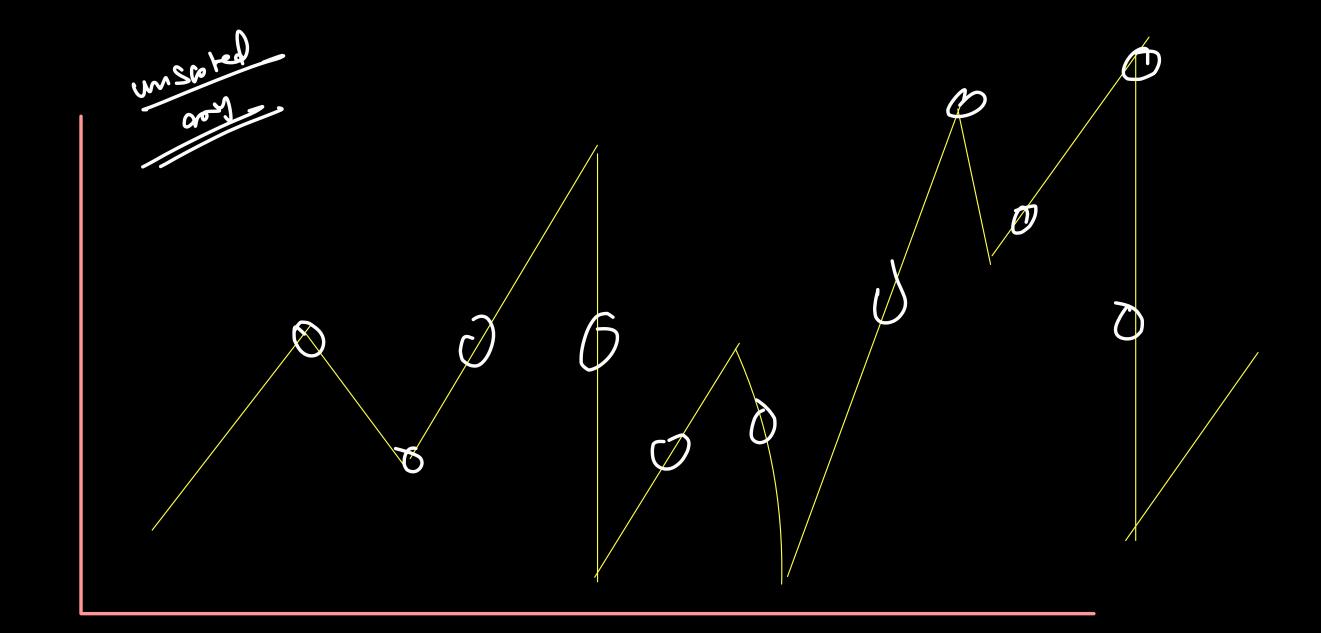
-00 [1, 2, 1, 3, 5, 6, 4] -00 gruen 2000gruen 2000gruen

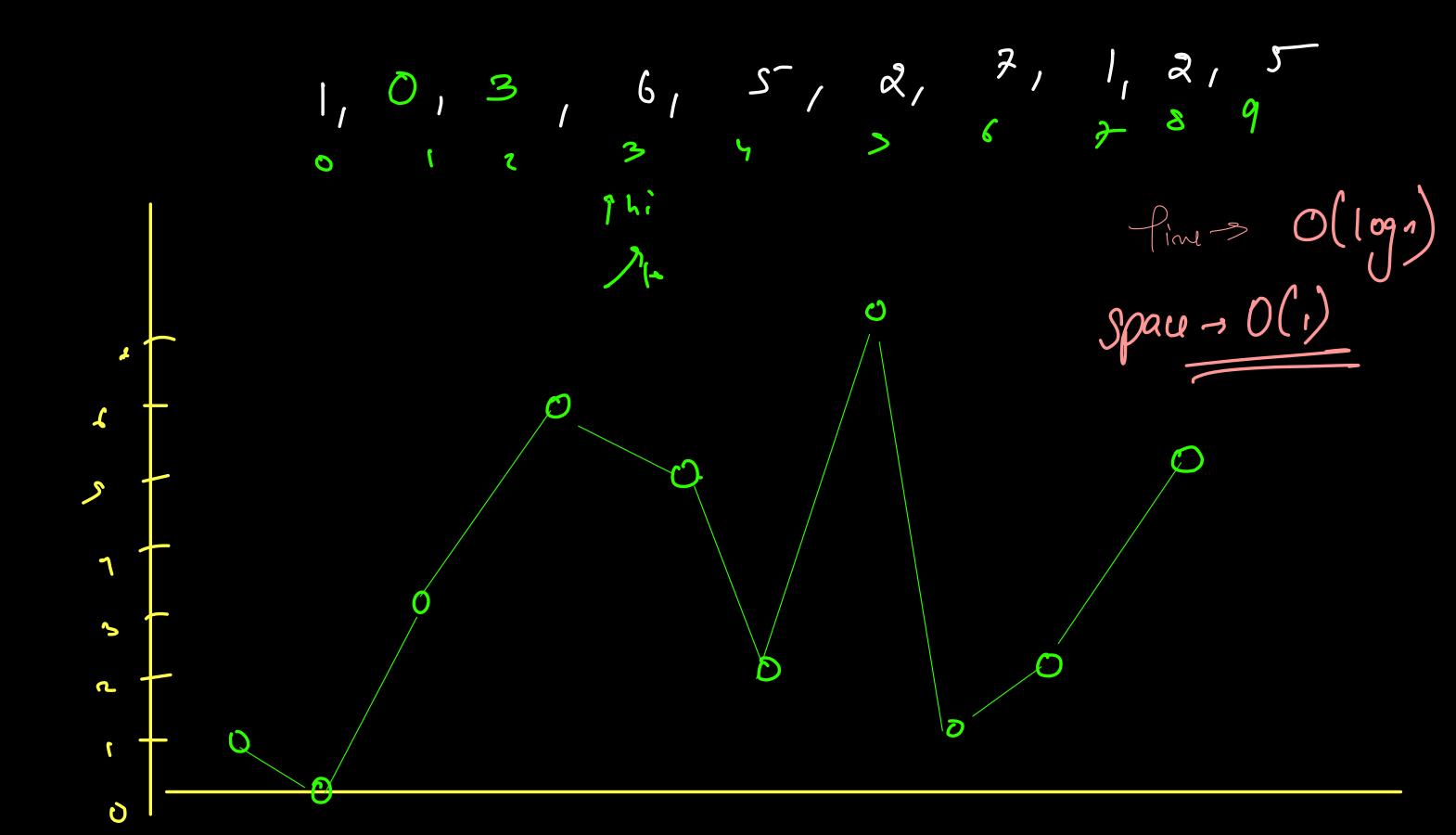




1/2/3/7/6) so Lead.

Sinc curus Sorted first closest; the fresh 4,3,21) 7 dec cury





```
search spay
                            mid is not the lost indu
int ans = -1;
int l = 0;
int r = nums.length - 1;
                                                         it roy the midis
while (l \le r) {
   int mid = l + (r - l)/2;
   if (mid < nums.length - 1 && nums[mid] < nums[mid + 1]) {</pre>
      l = mid + 1;
    } else {
      if (mid = 0 | nums[mid] > nums[mid - 1]) return mid;
                                                           > if hem we are an
      // ans = mid;
       r = mid - 1;
return ans;
         mid is on inc or de cure?
```

whellen

if ((mid == 0 and nums [mid] > num [mid+i]) or

(mid == n-1 and nums [mid] > num [mid-1]) or

(nums [mid] > num (mid-1) and num [mid) >

nums (mid+1)



mid (eil (bile [i]/m) no. of how regated to finish im pie

 $\begin{bmatrix} 3, & 6, & 7, & 11 \end{bmatrix}$ $\begin{cases} R = 8 \end{cases}$ Rud min value of 10 -> 6anana per hour eaty spend to by all possible value of k & check if ropio Can eat banance vi 10t. 9 1 2

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Search spur smid you want believe if G hour mid Gowen Berheur Speed 100100 con eat all Conana 00 107? < mid valey are wellers may be midis our ans 90 W > m. d Sperd Or we can feel better valu < mid

min speed of 1010 -> 16 cm ann frex hour max (files) ny mar speed mid > 6 lu-1 hi = 1/ [] 73 $\frac{3}{3} \rightarrow 1$ 1=0 13 [6] - 2 20 = 4

1— max of piles nx 109 mar offiles O(n+ntog(manglibelle)) -> 6 (n169 (mar of biles)

[1,2,3,4,5] polions Spollo [S,1,3] find for each spell how many porions are then sent that product of spell & poison >= success Browtfor -> le ferm all possible fairs of spelle le potron

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Pohiay [1,2,3,4,5] Sums = 7 Lom bour (cel f suus spells (;) [m - i] mlojn f nlojn) x -> spello (:) lower 6 and

2xy 7 Sums

y > Success

 $\frac{1}{3}$ $\frac{3}{3}$ $\frac{3}{3}$ $\frac{3}{3}$ $\frac{3}{3}$

(1,2,3,7,5) (S),3) O(nlørn + mlgm) [1, 7, 3, 4, 5] O(nlogn +mlogm) bointer Suus = 7 3~5 77 9 9 7

$$\sum S_1 1_1 3$$

$$[(S_{10})(1,1)(3,2)$$

uelle d'ags minu copany l day min of max mar g min