

Approach-2.

Time - O(h)
Space - constant space

9 9 8 8 7 5 6 7 3 8 4

assemblion arrivers of the scarping pointy

girds order

something pointy

grant of the scarping pointy

(i) Matre on array of size -10 of dégits

D'Itavel in array and fill lost ocurrence digit's orrey

(3) Make one more fikation
point

last occurrace Index of digit—r array of size=10 0 -> -1 1 -- -1 2 -> -1

277

575

6-1 6

7747

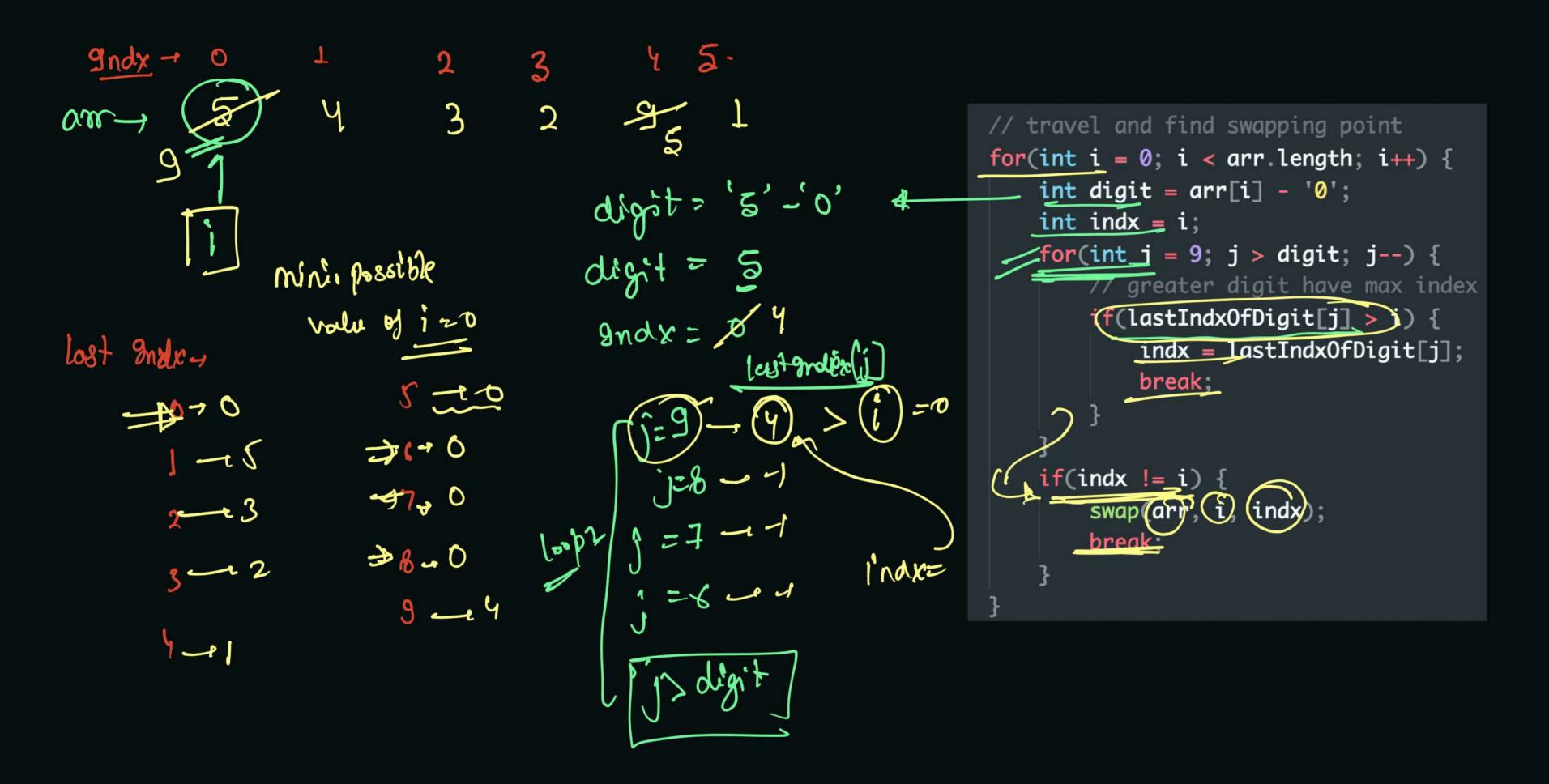
8-1229

3-201

-> Space -1 lo Sile

- 1 Home - 9 n workt

Code Code



9 4 3 2 51

810 Pascal triongle In terms of Cembination it in List (9 ndegar)

Giren a row, robm all glements in it is

Com = prer # factor

Cr\* Factor = Crt1

from # Factor = com

Factor = ?

n<sub>Crt1</sub> have relation, and relation factor frow to find A femuetation and combination Cr \* Factor ax a-1x9-2x --- x 2 (n-ry) | (rti) | (n-r) x (n-r-1) 1 x xx hy: Curr & Factor = next

Factor: n-m 201 Row 23 1,3,3,1 Val= Push in regult and ange val , val= 1+ 3-0 0+1 val= 8 \* 3 / = 3 ve1(3) le 821 ~=2 val (3) Vale 8 3-2 =1 Vale 14 3-3 =0 r=3 val El -371 Val = 0

Result e 13 31

$$0! = \frac{(n+1)!}{(n+1)}$$

$$0! = \frac{(0+1)!}{(0+1)!} = \frac{1!}{1!}$$

$$0! = 0$$

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## **Complex Number Multiplication**

Sunday, 5 September 2021

8:15 PM

Complex Number -

9 maginary v

Substitute of to trader of 'p' bi > inax of to the to light

ex - (5) +(4)i

(-5)+31

(-3) + (2);

find a, az, b, bz

Result

Red + Grnaginay i

Morms = comple x

complex Num2 =

resul = hum 1 # num 2

a, \* a2 + a, \* b2i + a2 \* b1i + b1 \* b2 12

