

"Hello Everyone!"

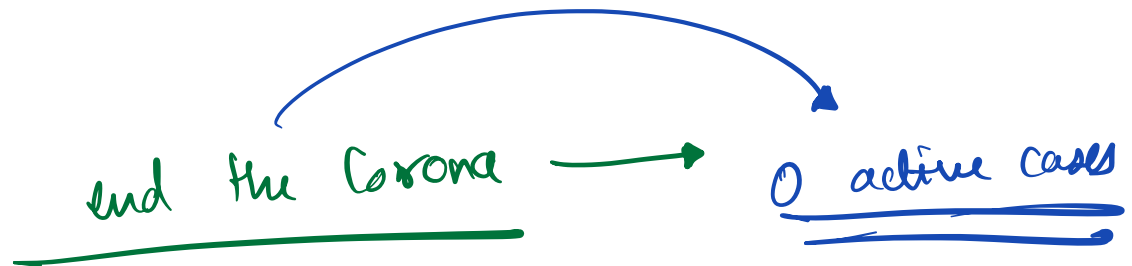
Problem Solving

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(AJ)



(Q.1) Functions 2 ; Q3 : Time To End Corona



no. of days it takes
for active cases to

become 0.

→ each day → A cases ends

B new cases

Initial → C cases

Hint → use loops

while a_cases != 0:

?

Not correct

(Q) Consecutive Duplicate



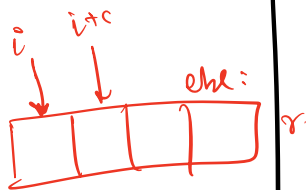
List ID \rightarrow Q 3

~~n-1~~

ans = False $a \rightarrow$ i/p list

for i in range(0, n):

if $a[i] == a[i+1]$:
ans = True



else:

ans = False

return ans

for i in range $(0, n)$

$\hookrightarrow i: [0 \rightarrow n-1]$

if $a(i) = a(i+1)$

index out of bound

$i = n-1$

$i+1 = n$

$a(n)$

(Q.3) List 1 D \rightarrow Q4 \Rightarrow First Multiple

$$\underline{\underline{a \% b == 0}}$$

★ ①

b is a divisor of a

★ ②

b is a factor of a

③

b divides a completely

④

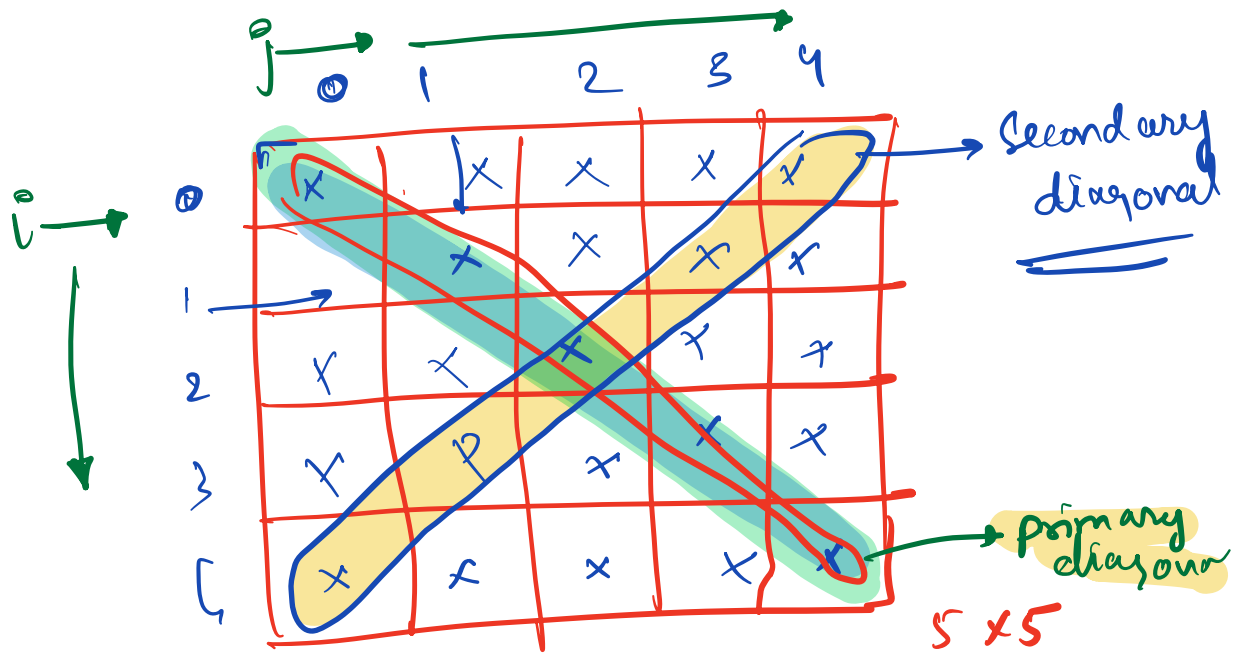
a is a multiple of b

Suggestion \rightarrow Always take an eg

$$8 \times 4 = 0$$

8 is a multiple of 4

(Q4) WAs 2D \rightarrow Q4 :- Main
diagonal Sum.



$$i = j$$

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for i in range(n):
    for j in range(n):
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    _____
    _____
    _____
```

H.W → Solve this using
1 for loop

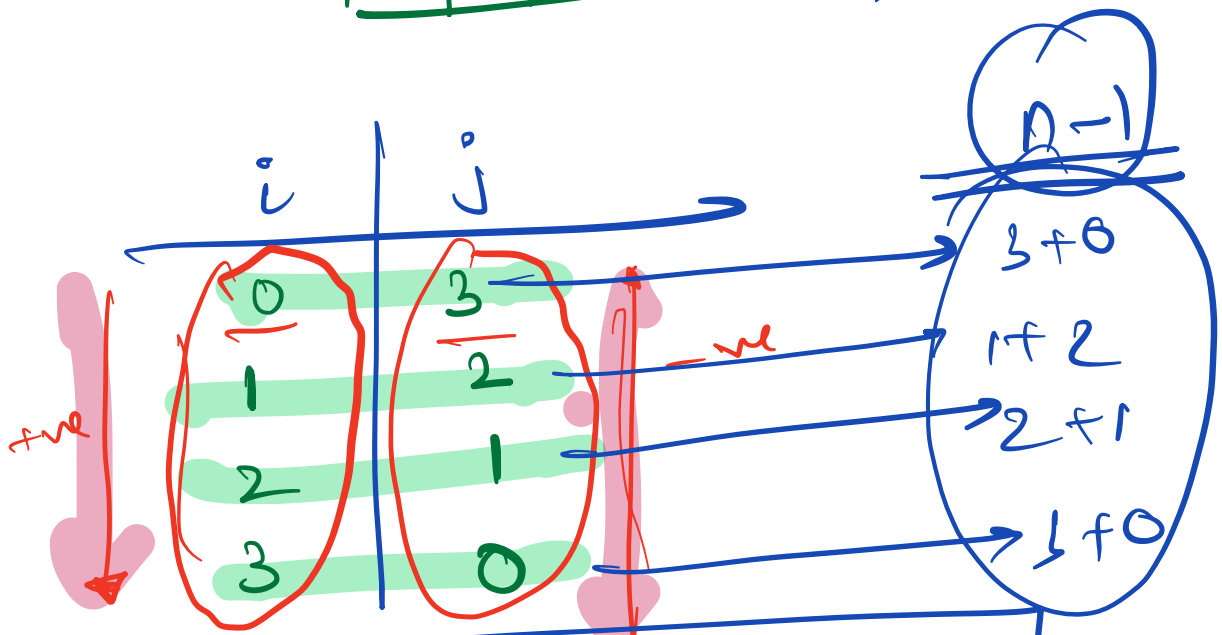
(Q.2)

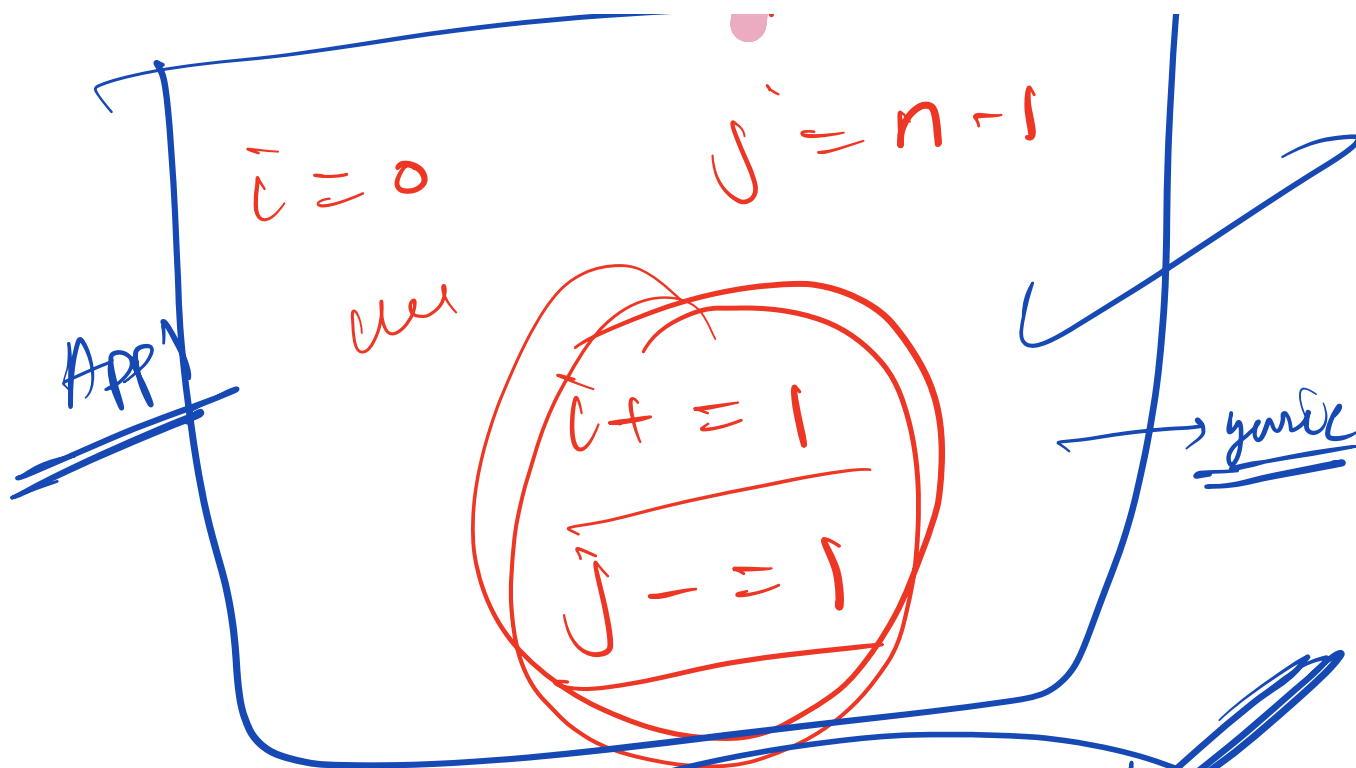
Sum of secondary diagonal
elems.

eg:-

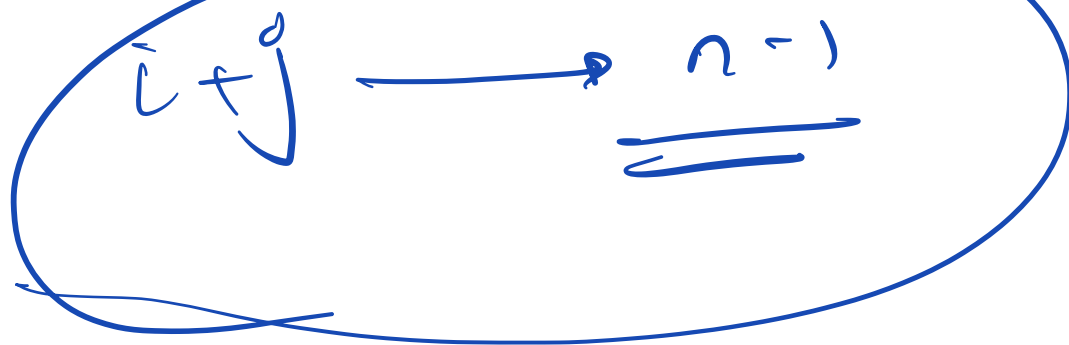
	0	1	2	3
0				x
1			x	
2		x		
3	x			

Annotations: Arrows point from the 'x' marks to coordinate pairs: (0,3), (1,2), (2,1), (3,0).





APP2



⇒ strings: Q2 → Data formatting

(8) → String Concatenation

