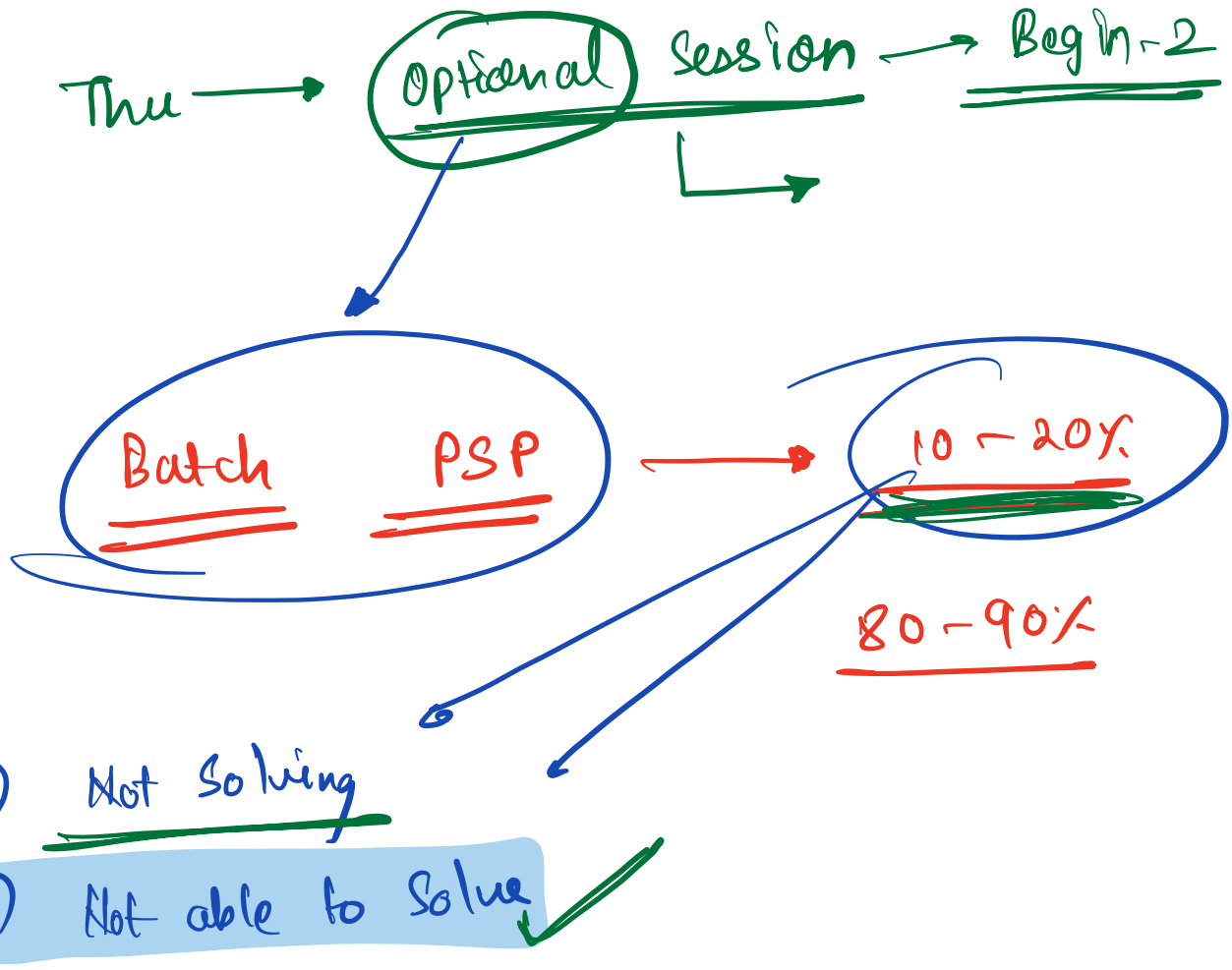
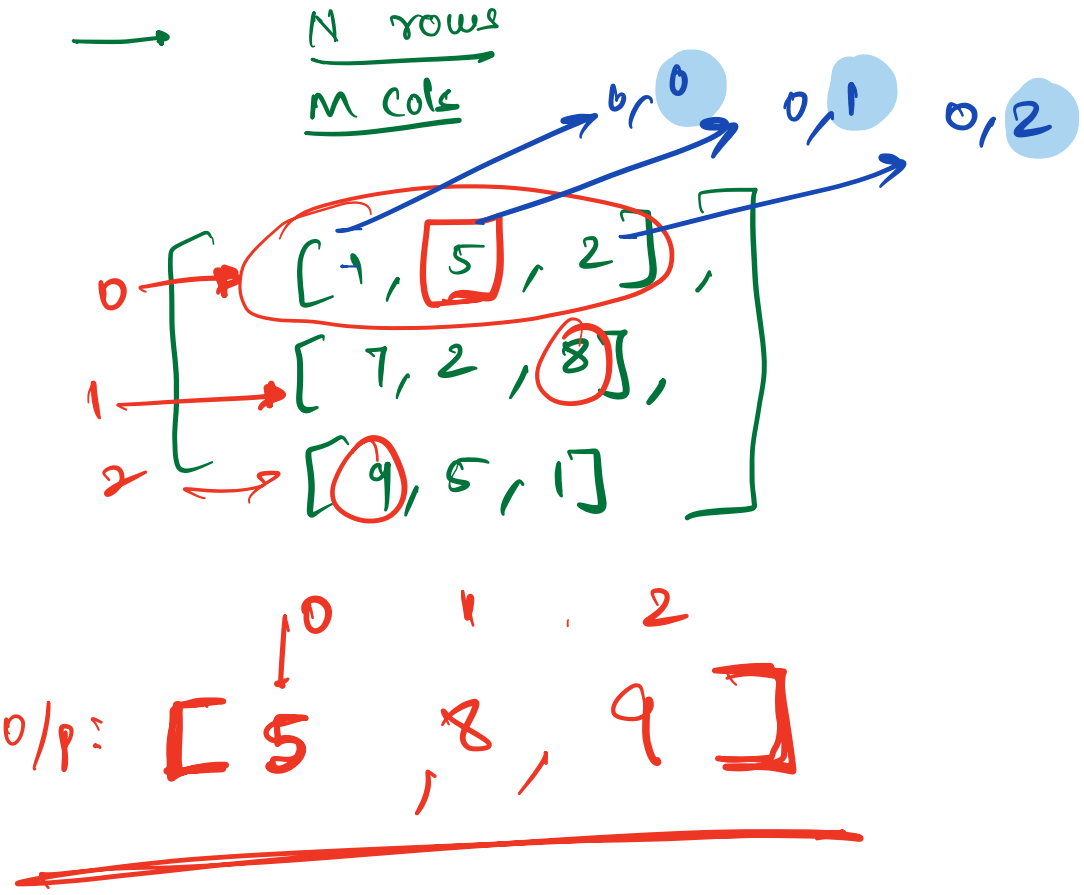
"Hello Everyone!"

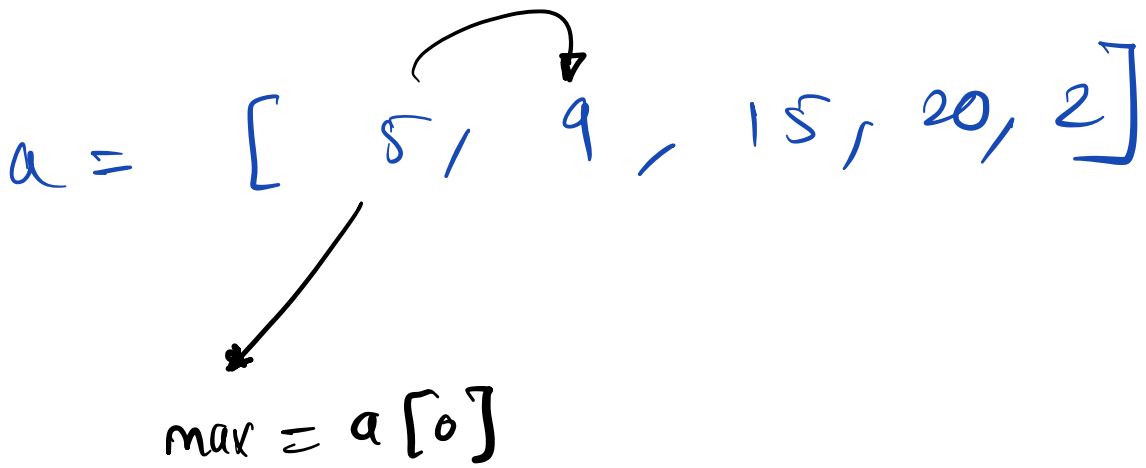
Problem Solving



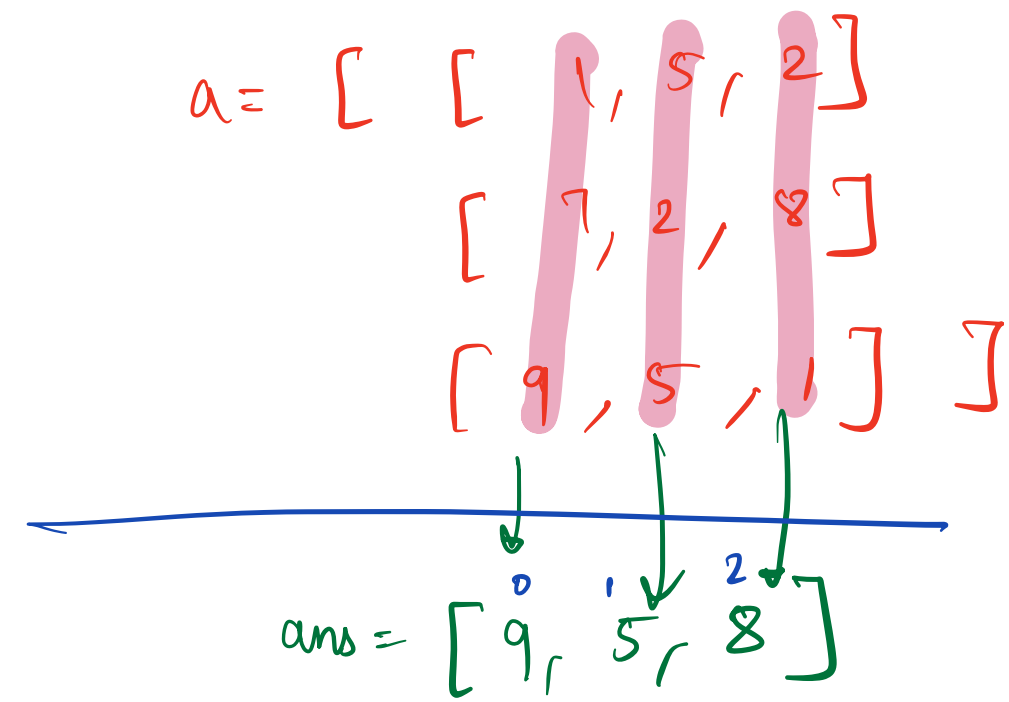
(Q.5) → Lists 2D :

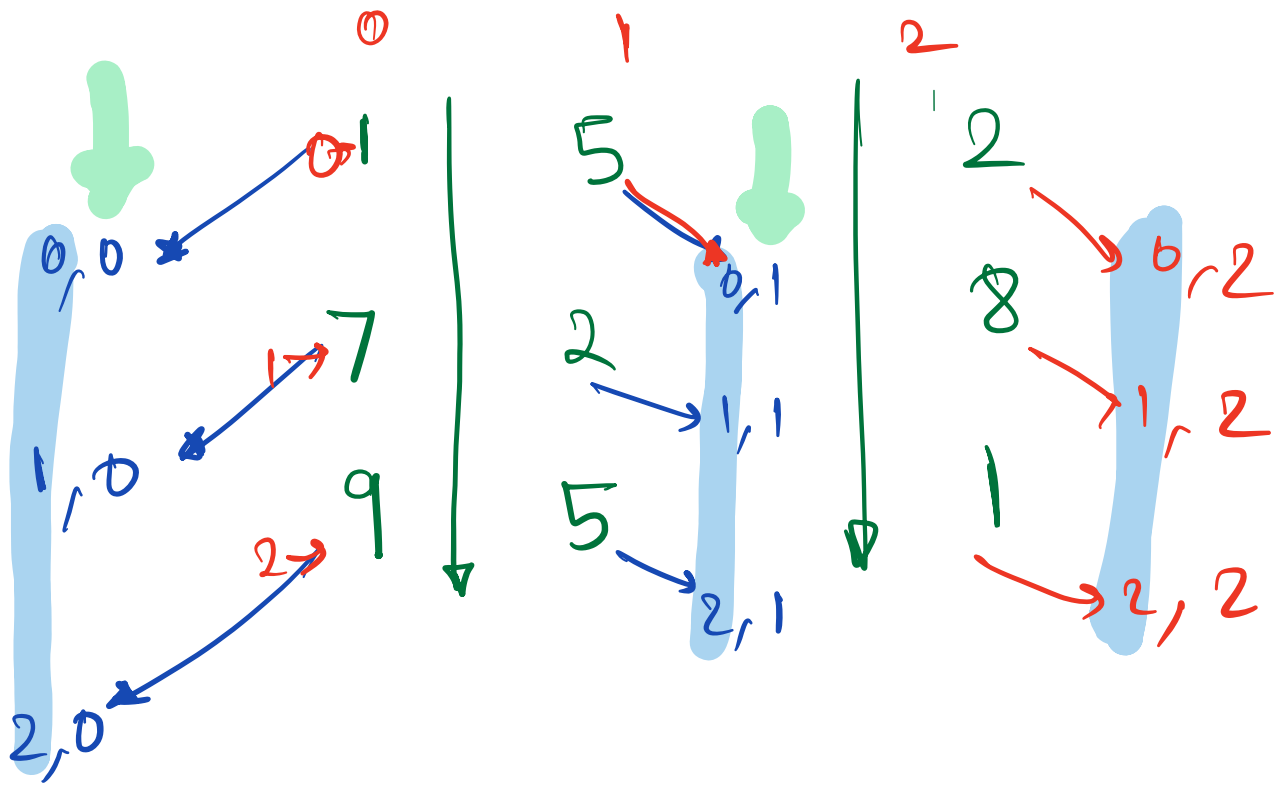
Largest in each Row of a 2D Array





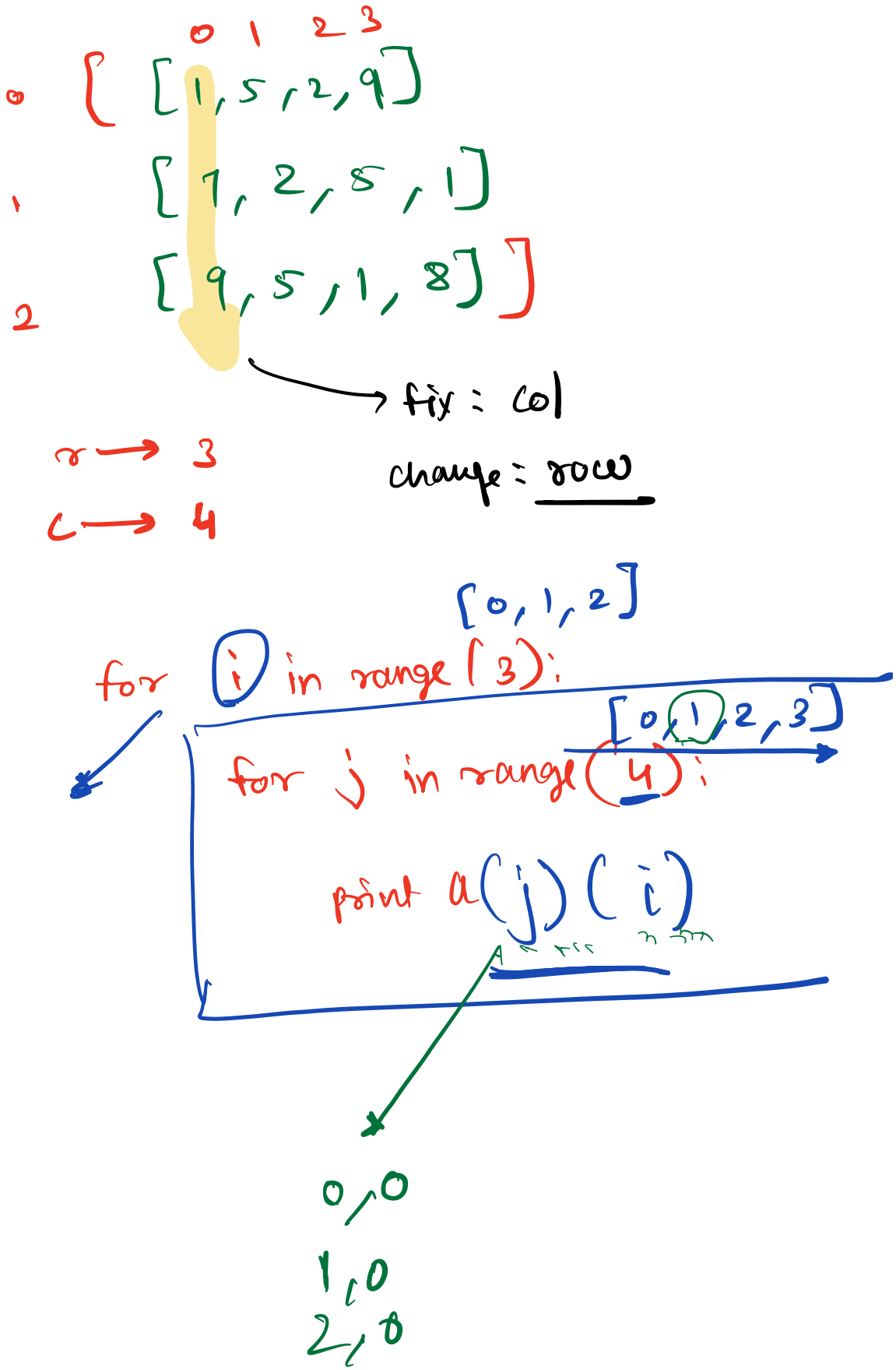
Column - wise max:

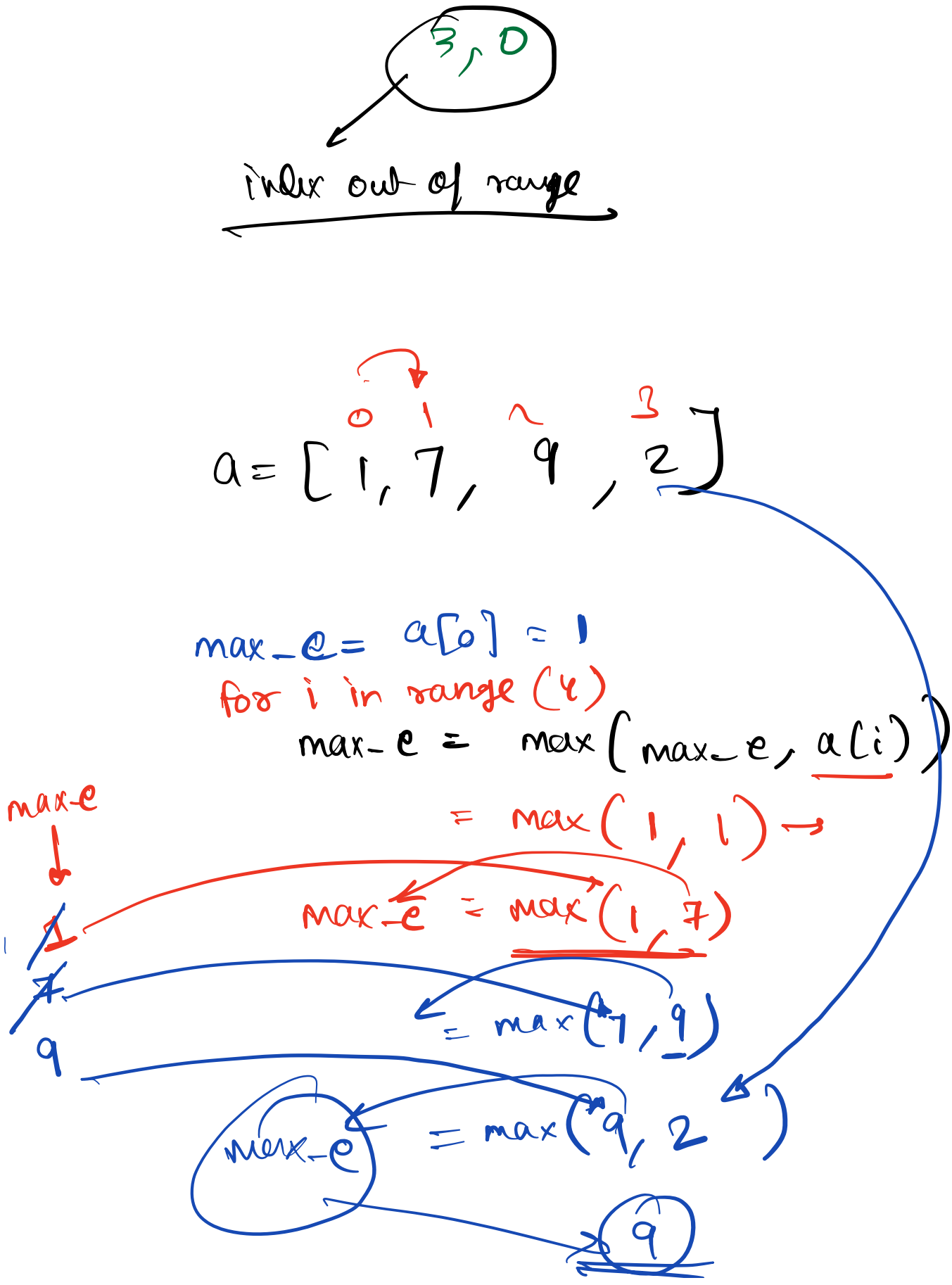




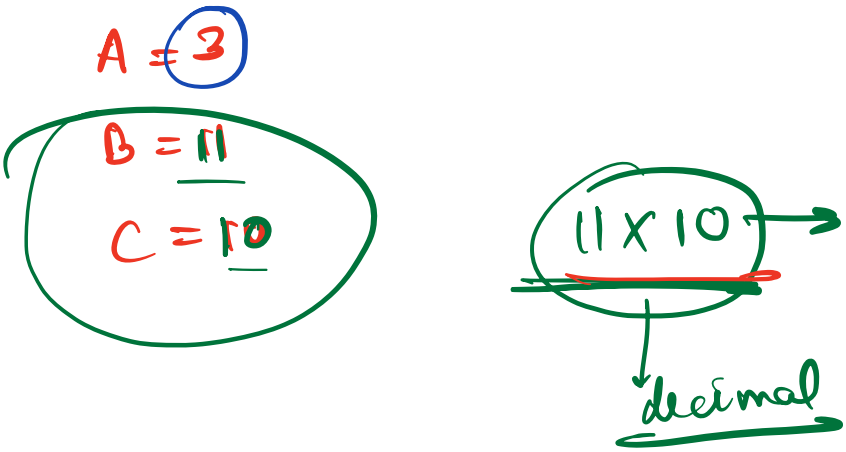
0,0 1,0 2,0 0,1

1 7 9


0 1 2 3
0 [[1, 5, 2, 9]
1 [7, 2, 5, 1]
2 [9, 5, 1, 8]]
fix : col
change : row
r → 3
c → 4
[0, 1, 2]
for i in range(3):
[0, 1, 2, 3]
for j in range(4):
print a(j)(i)
0, 0
1, 0
2, 0


3, 0
index out of range
a = [1, 7, 9, 2]
0 1 2 3
max_e = a[0] = 1
for i in range(4)
max_e = max(max_e, a[i])
= max(1, 1)
max_e = max(1, 7)
= max(7, 9)
max_e = max(9, 2)
max_e
1
7
9
9

(9) :- Any Base mul :- PSolving 4 → Q4

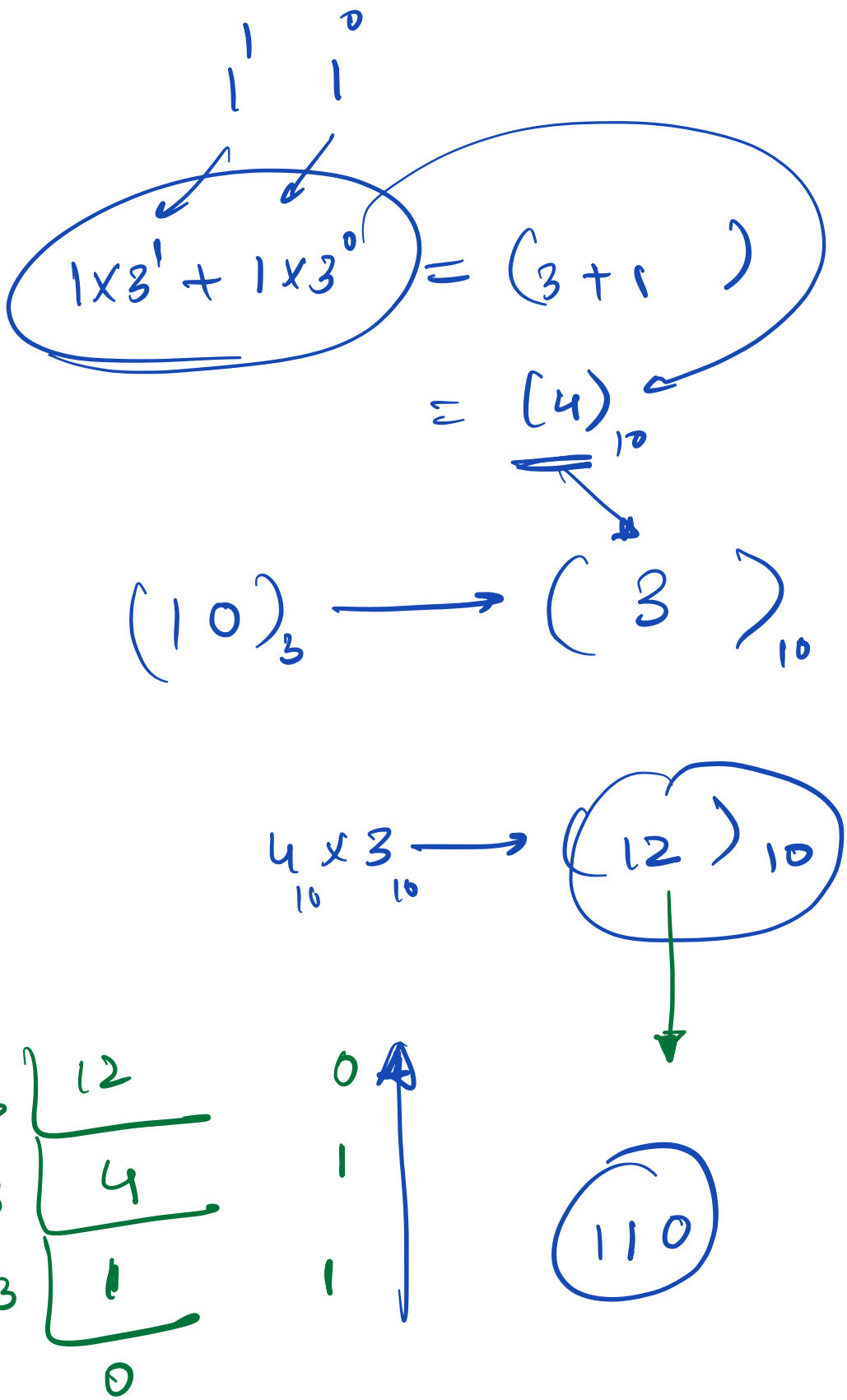


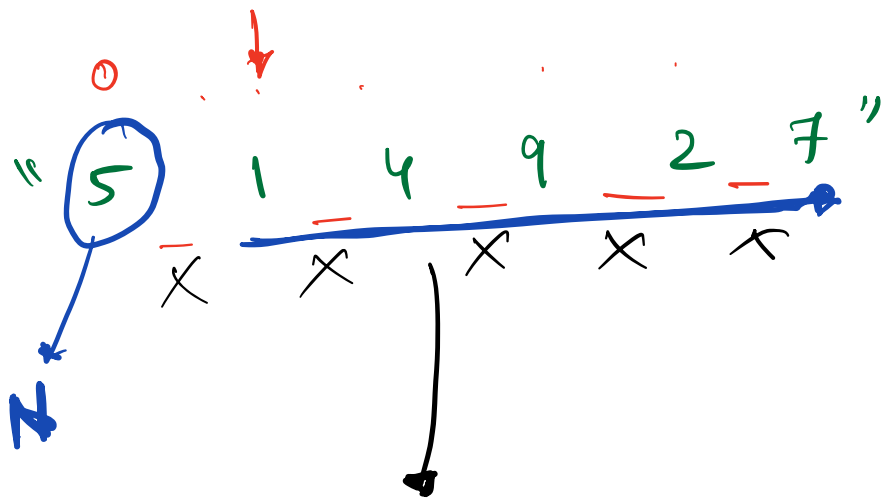
Logic :-

$(B)_A \longrightarrow (B)_{10}$

$(C)_A \longrightarrow (C)_{10}$

$(11)_3 \longrightarrow (\ ?\ )_{10}$


1 1 0
1 1
1x3^1 + 1x3^0 = (3 + 1)
= (4)10
(10)3 → (3)10
4 x 3 → (12)10
10 10
3 | 12
3 | 4
3 | 1
0
0
1
1
110



ip.split(" ")

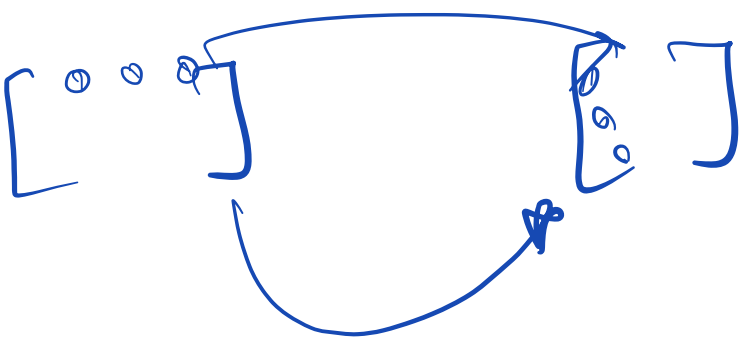
["5", "1", "4", "9", "2", "7"]

int("5")

int

H.W → Read about

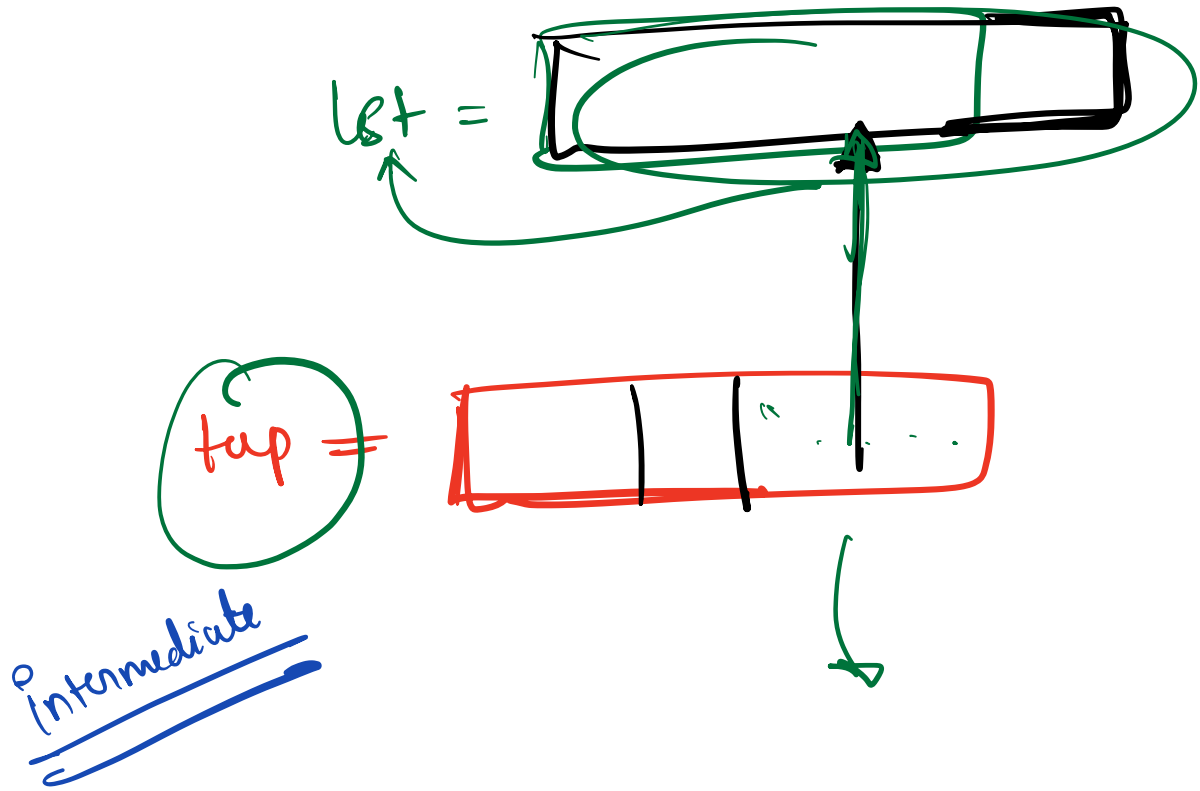
matrix multiplication



(Q.2) → sets & Tuple

↓

Solve after clear with details of mutable / immutable


lst =
tup =
Intermediate