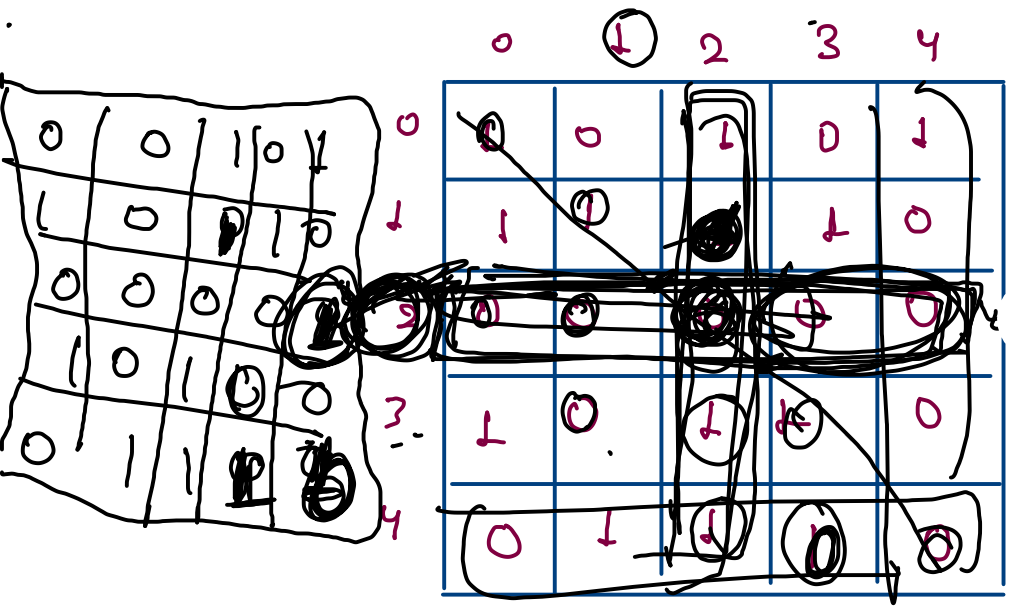
celebrity problem →

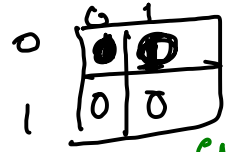
Binary matrix →

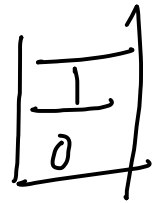


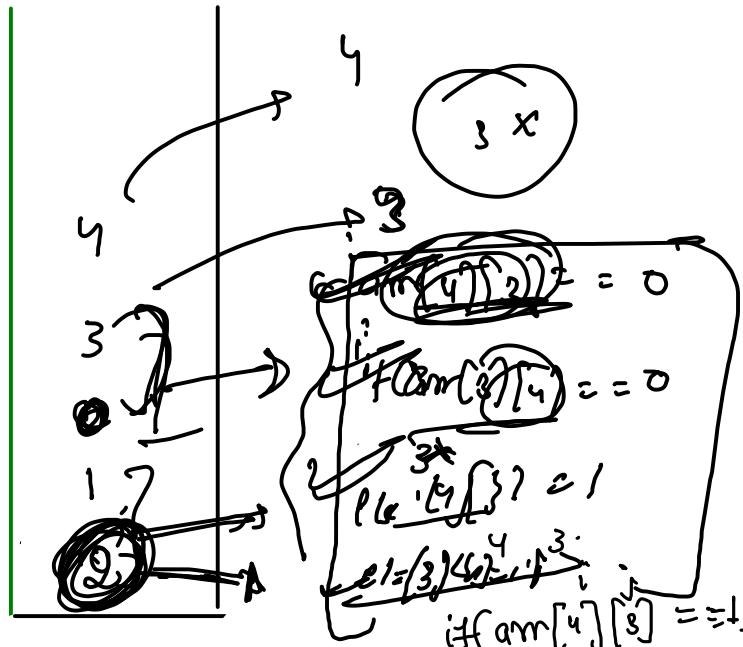
① only single celebrity may be possible.

arr[3][x] == 1

Elimination →







Potential Candidate

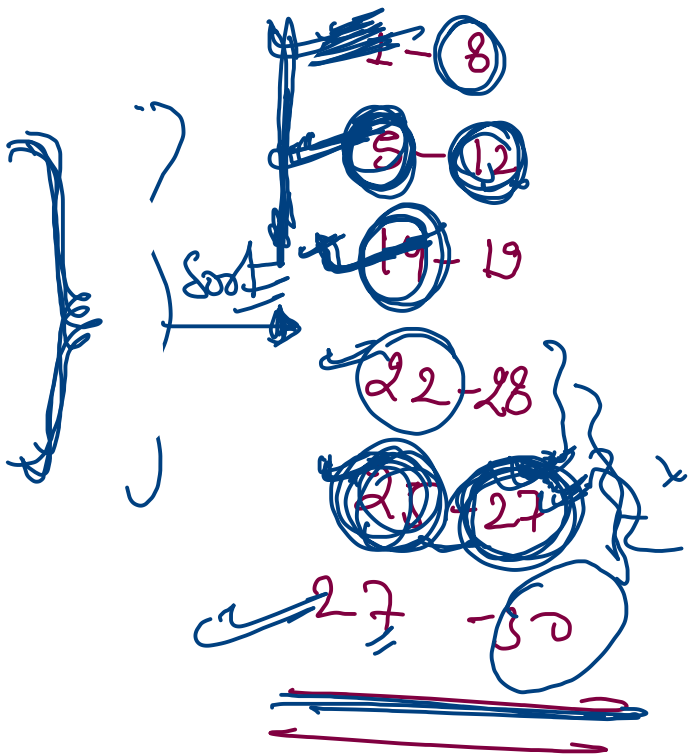
4 is not celebrity.

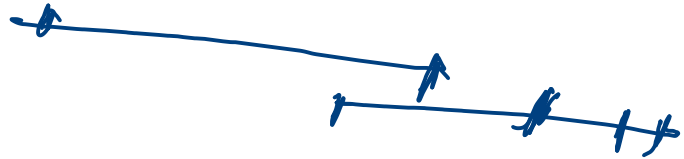
else {

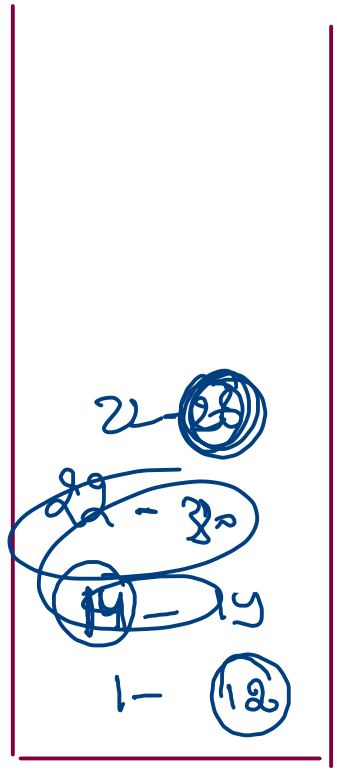
3 is not celebrity.

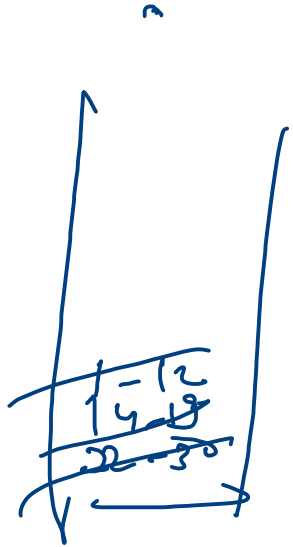
3

Merge Overlapping Intervals →







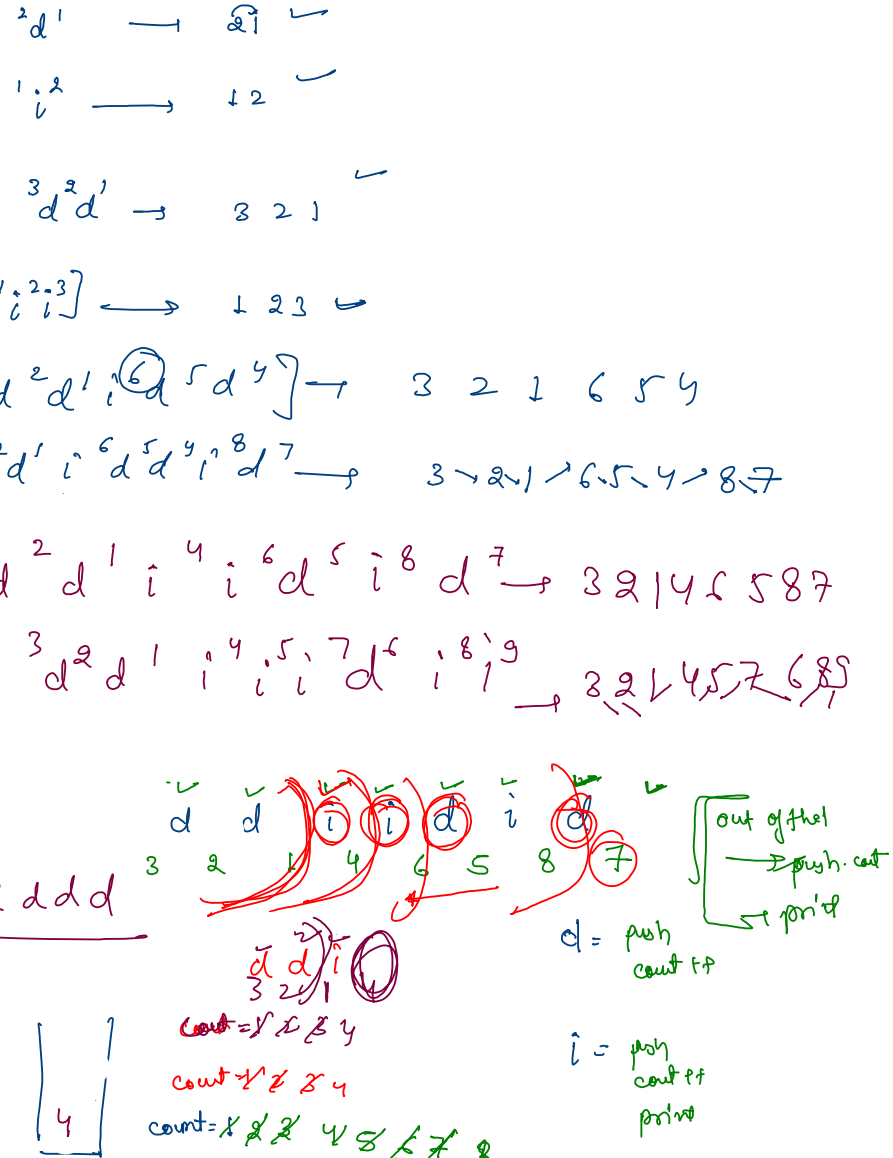


1 12

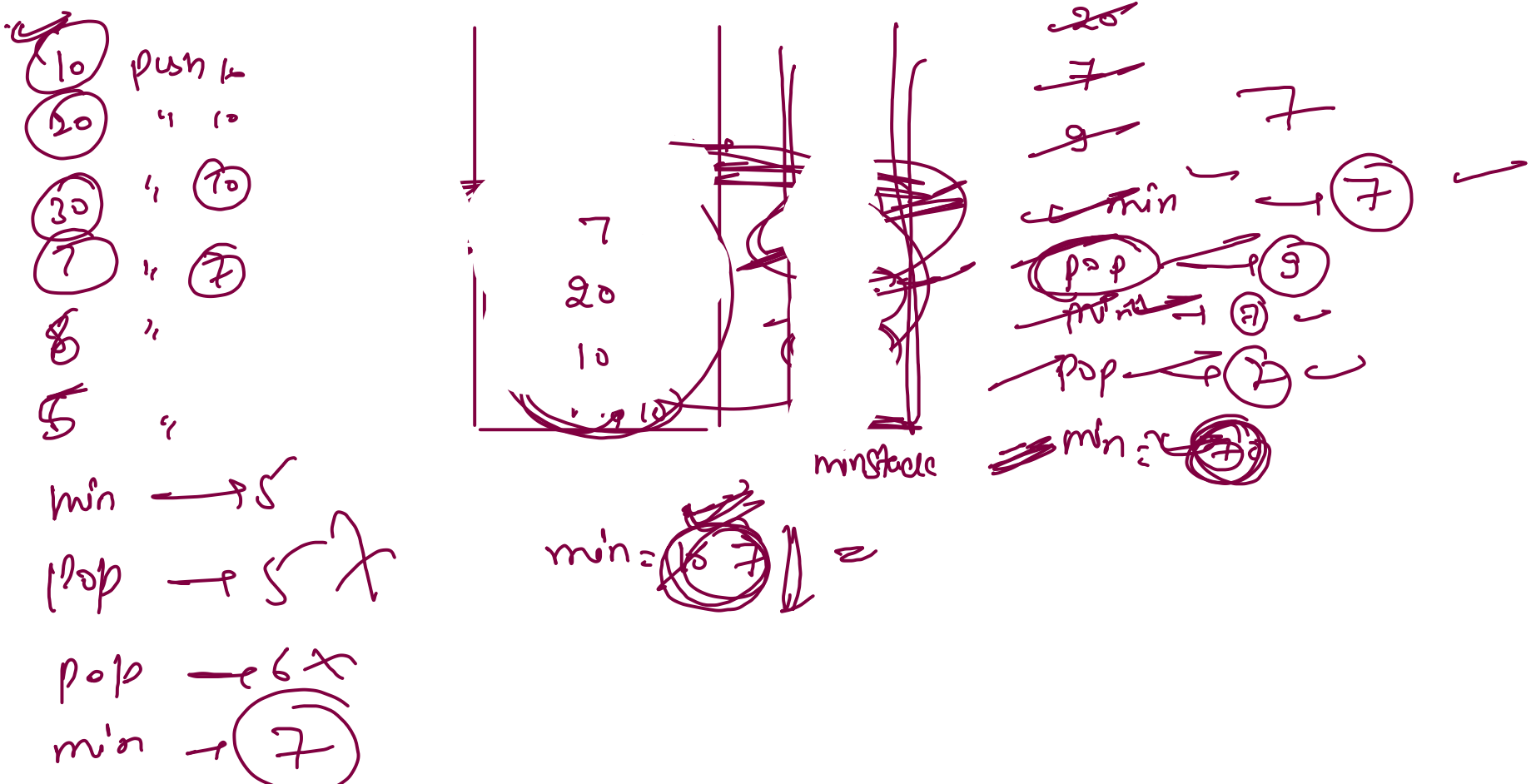
14 19

22 30

Smallest Number following pattern



Min Stack - I


10 push
20 " 10
30 " 10
7 " 7
8 "
5 "
min → 5
pop → 5 ✗
pop → 6 ✗
min → 7
7
20
10
minStack
min = 7
10
20
7
9
min → 7
pop → 9
min → 7
pop → 7
min = 7