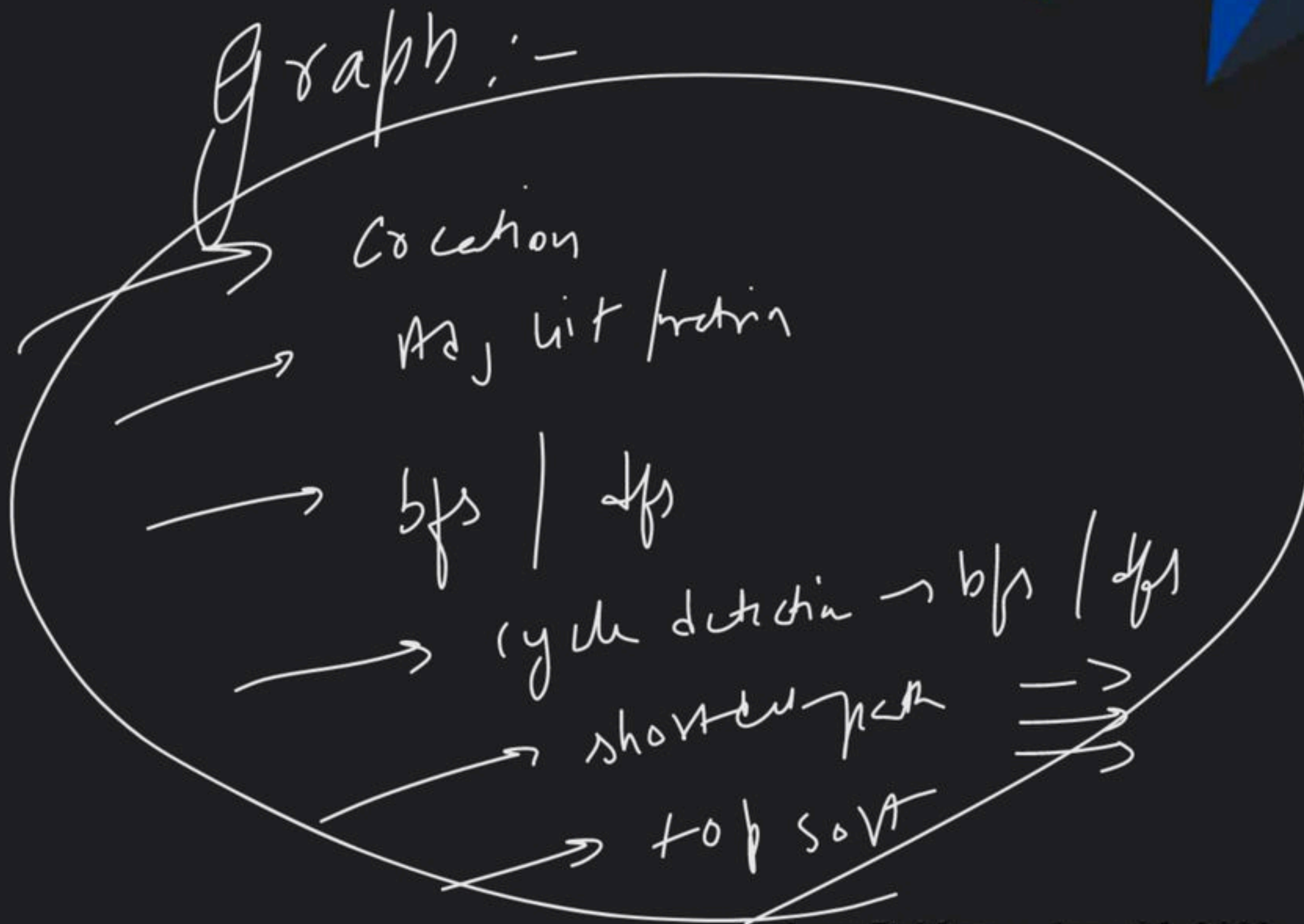


Graph Class - 6

Special class

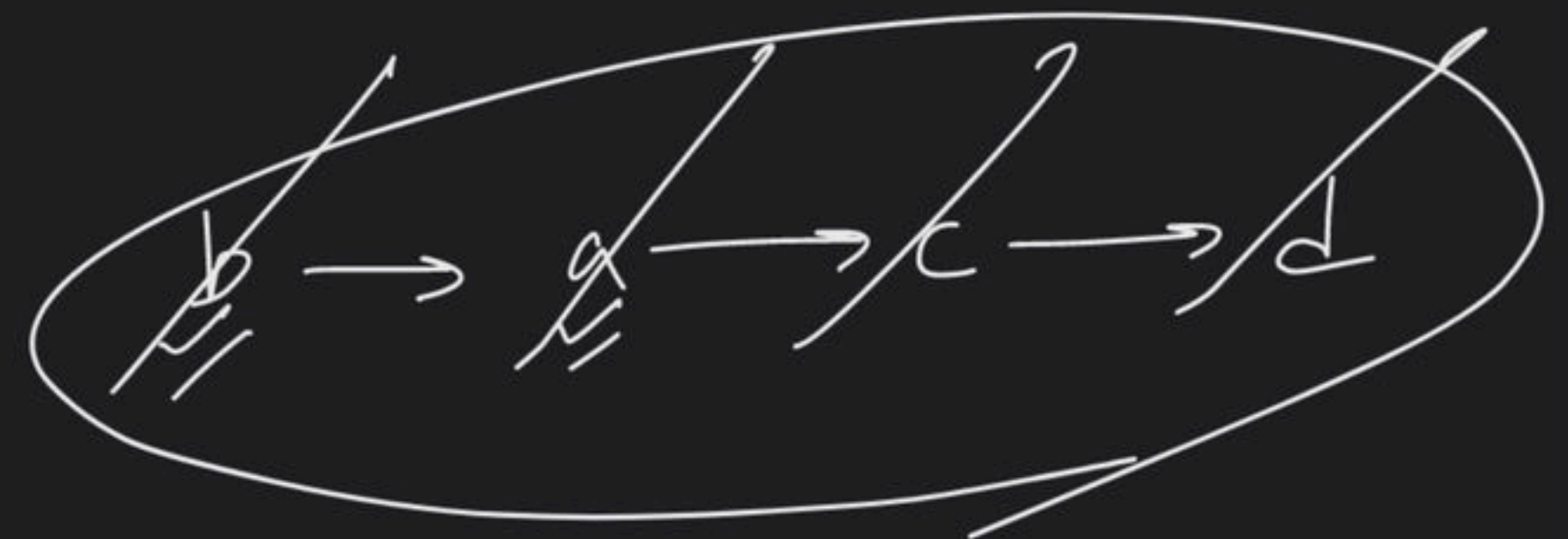
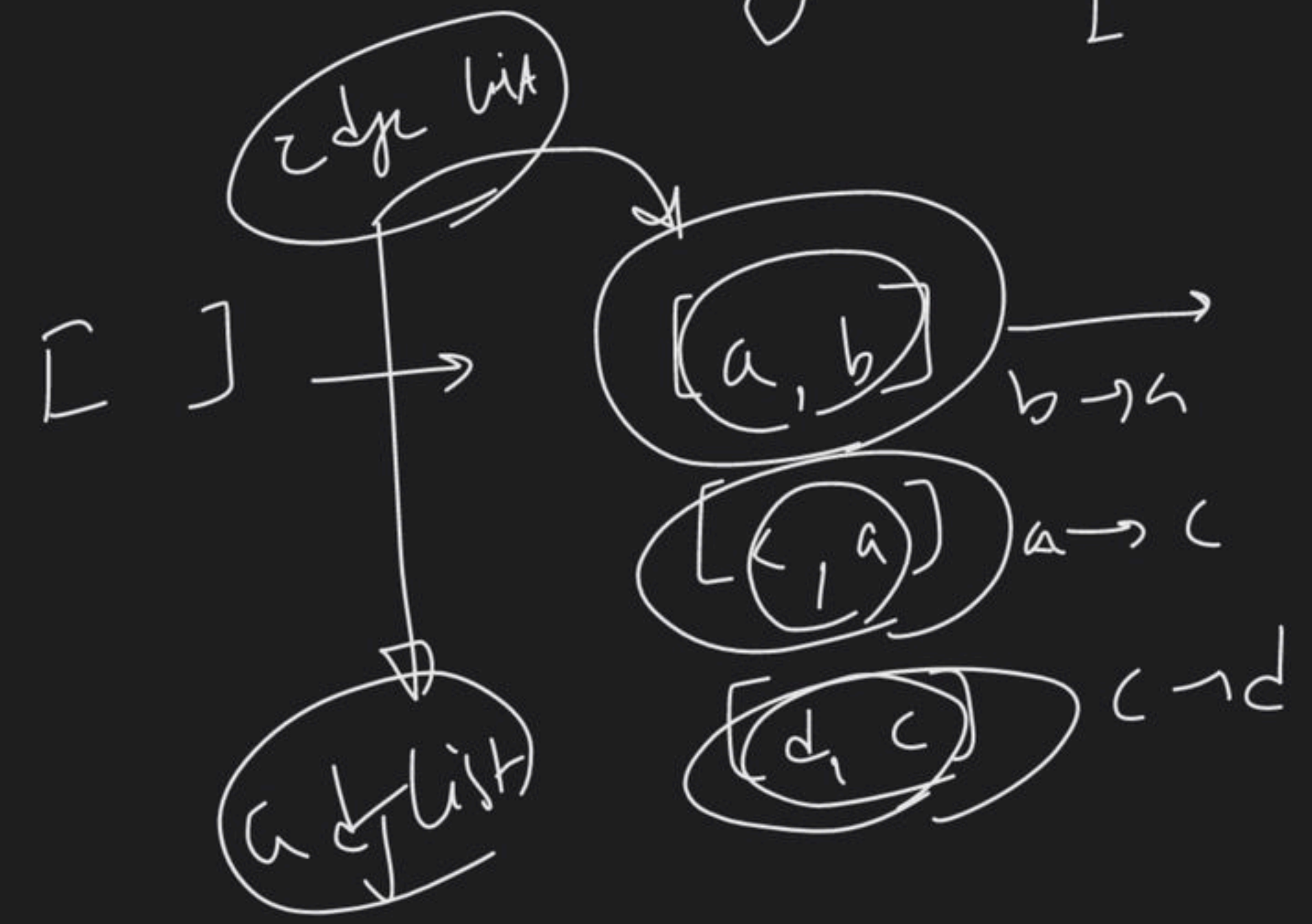




n courses

$a \rightarrow b$ $a \rightarrow b$
 $c \rightarrow d$ $c \rightarrow d$

0 1 2 ... (n-1)



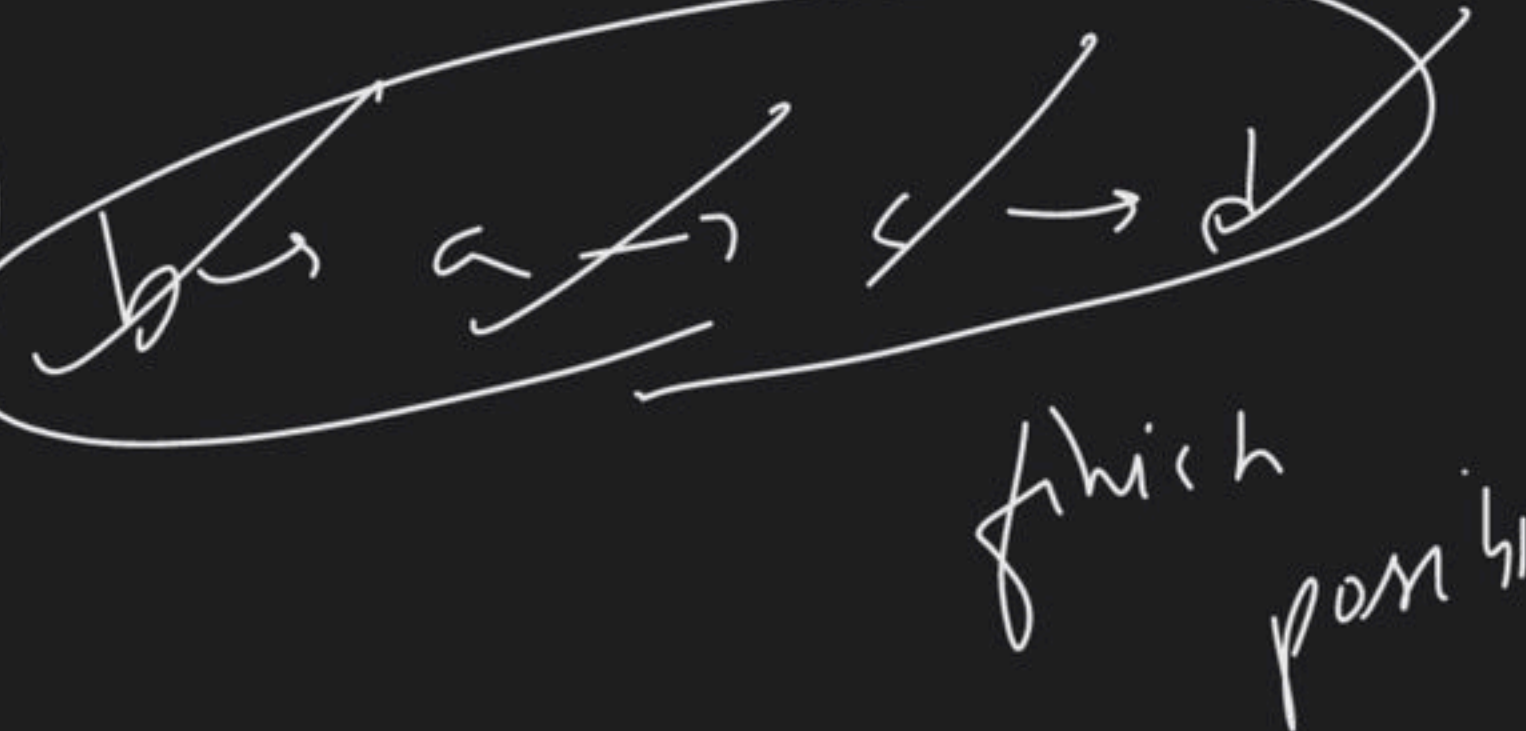
topological
sort \rightarrow Valid \rightarrow DAGs

\rightarrow cyclic \rightarrow Invalid
graph

Valid | Invalid

\rightarrow top. sort == n

(DRY RUN)



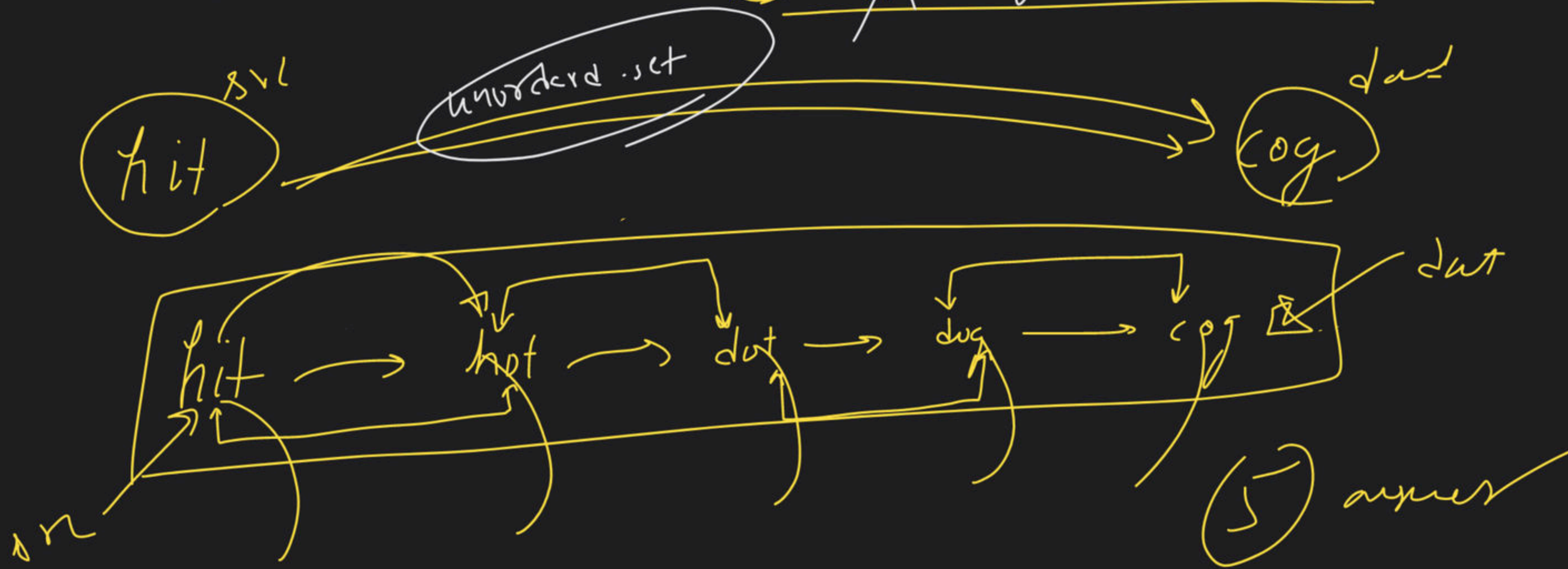
which
works



cycle

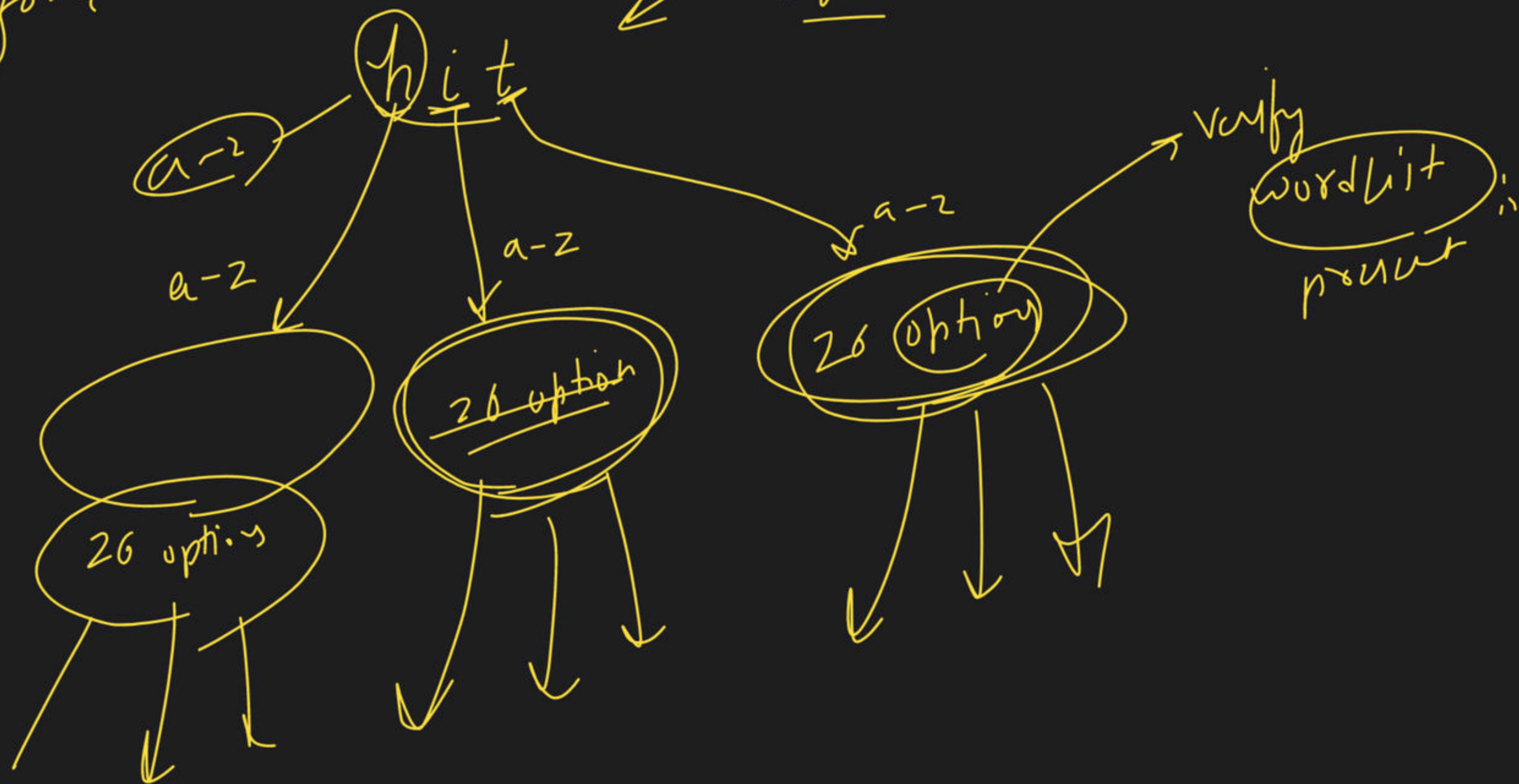
which
not
works

i/p
Begin Word = hit , end Word → "cog"
wordList[] = { hot , ~~dot~~ , dog , lot , log , cog }



Brute force

begin word



~~hit~~ → hot → dot → dog → ~~dog~~

Op 2nd

hit, bit, cit, di - - - zit

shortest path

bfs

hat, hbt, hct, ~~hit~~ - hot, hzt

hia, hib, hic - - - hiz

match dot

{dog, 5}

final Ans (5)

{dog, 4}

{dot, 3}

{lot, 3}

{hot, 2}

{hit, 1}

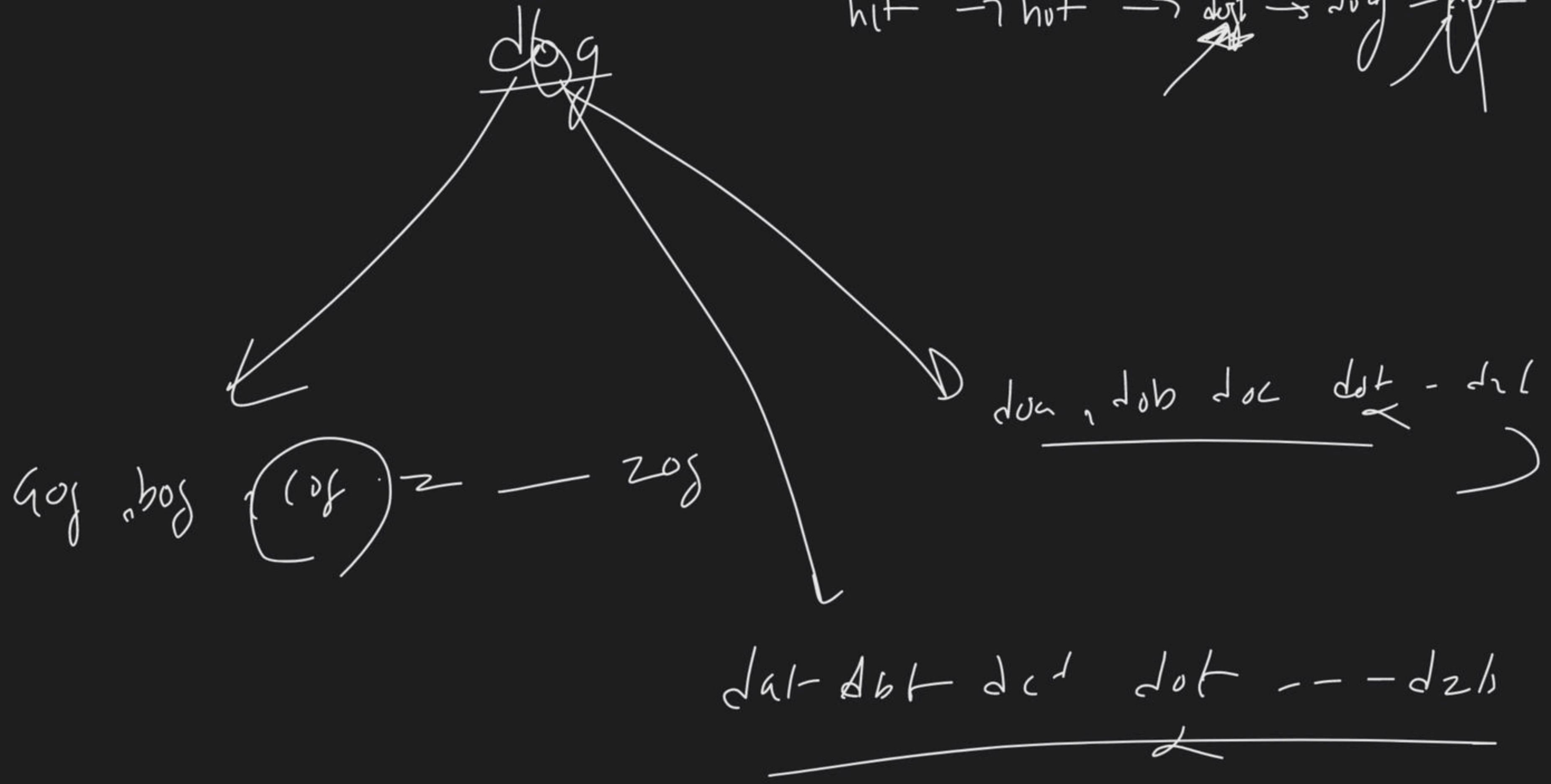
2 ways

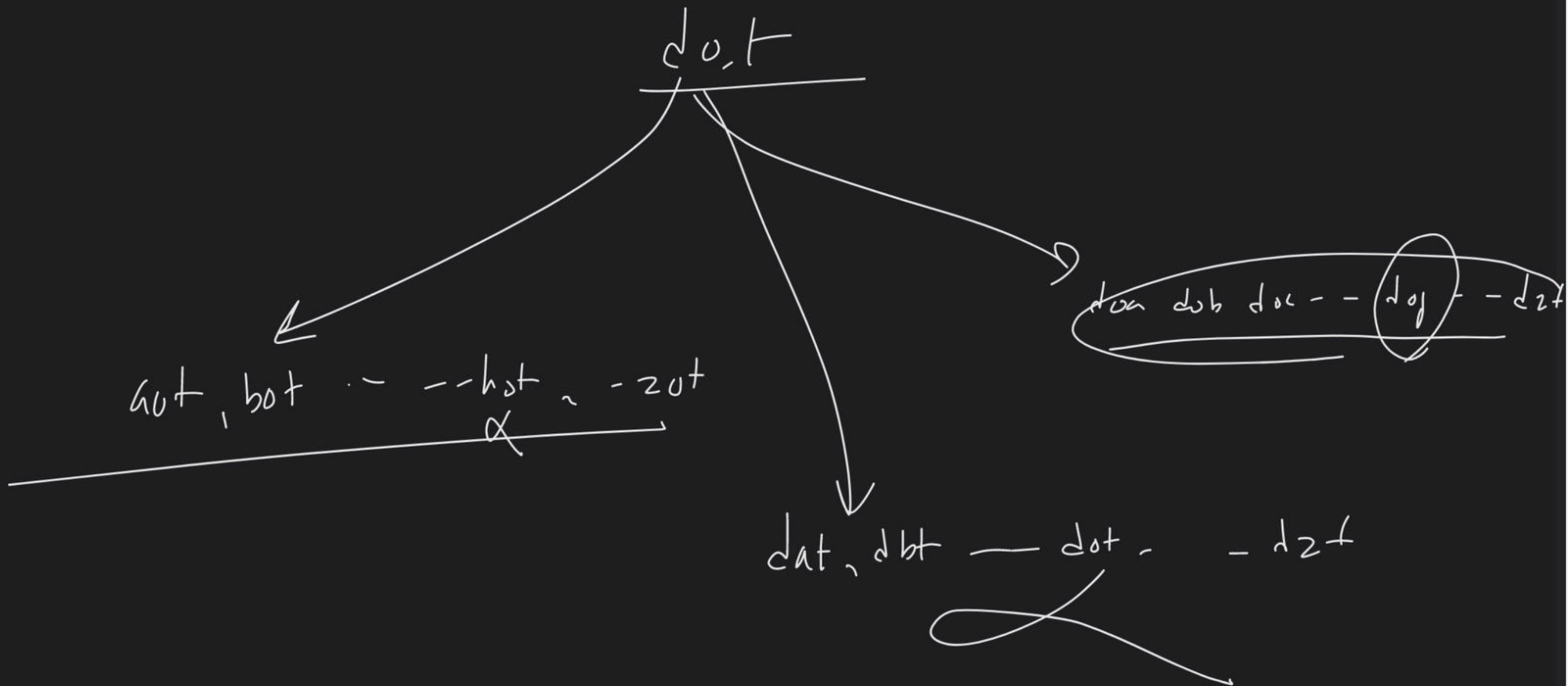
delete hit word

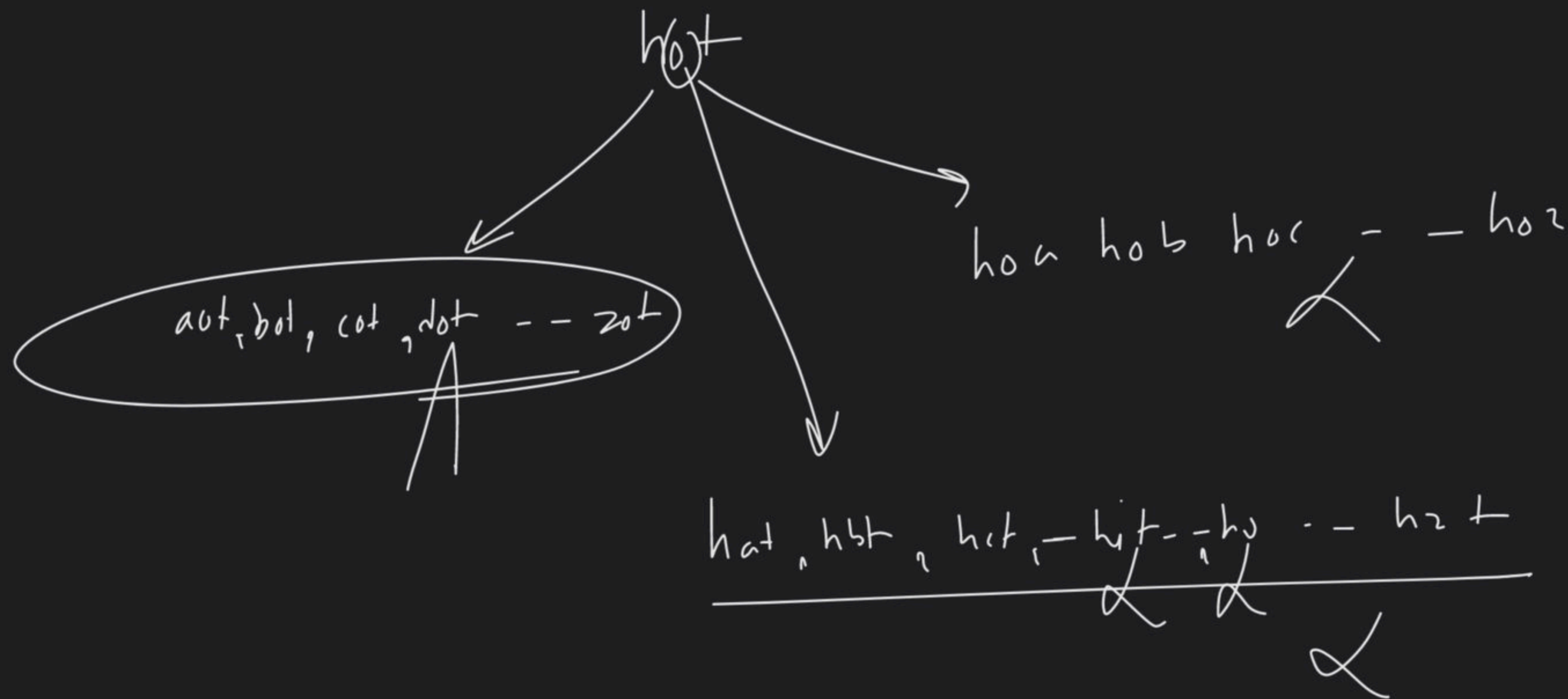
visited

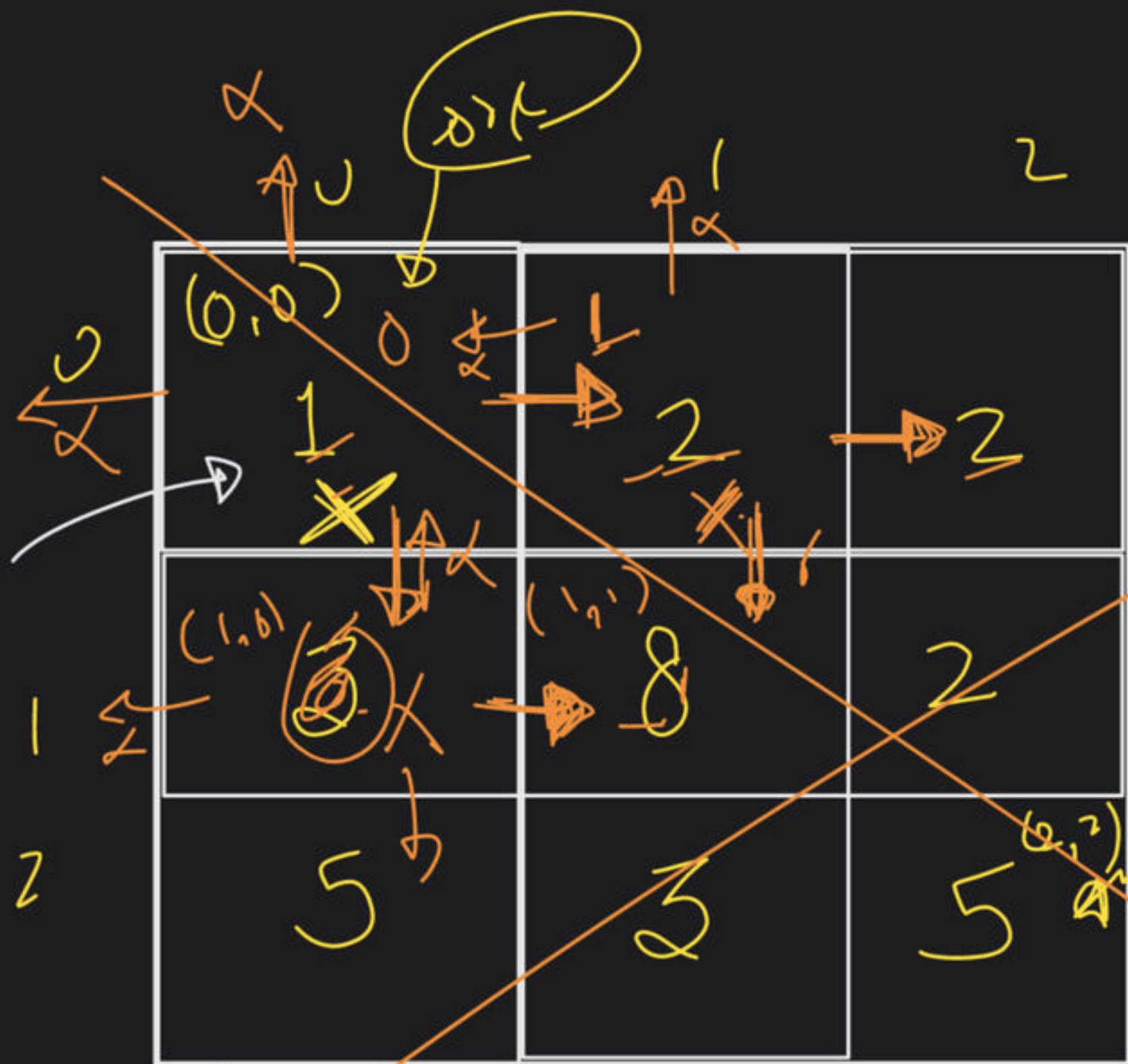
map

hit → hot → ~~dot~~ → dog - ~~hot~~









initial
 pq.push
 dist -> 0

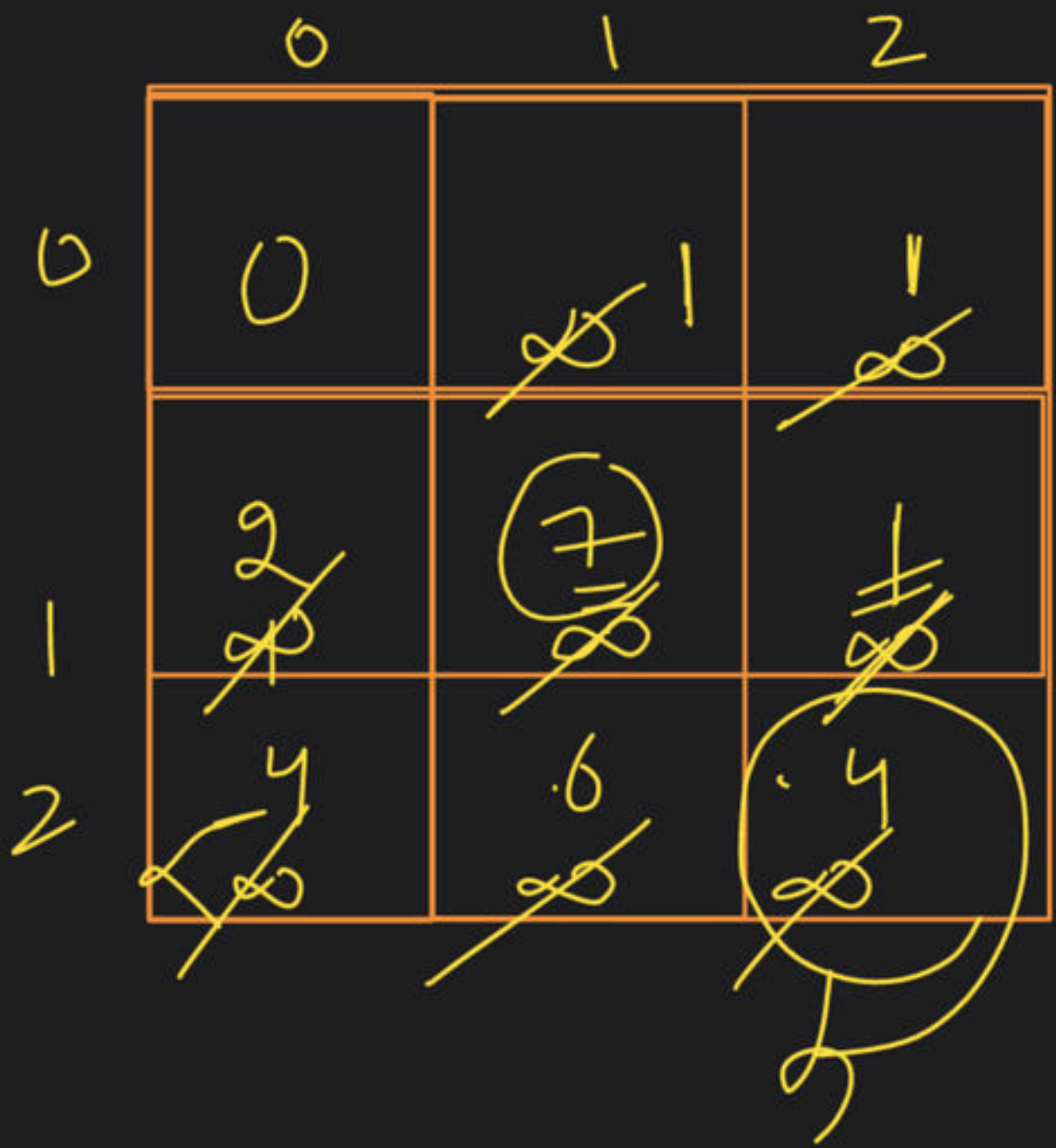
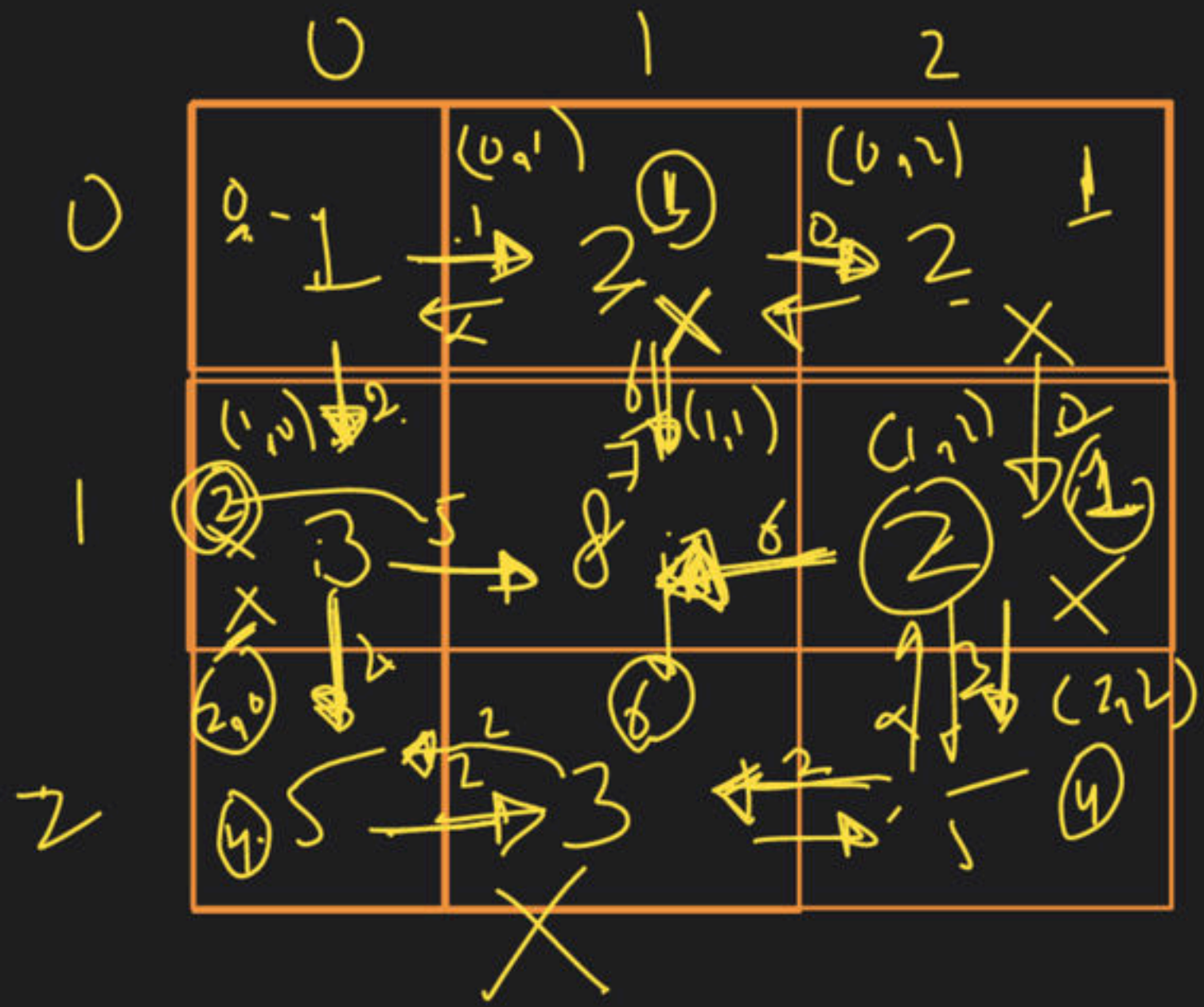
	0	1	2
0	0	1	1
1	2	7	2
2	2	2	2

{6, (1,1)}
{0, (0,2)}
{2, (1,0)}
{1, (0,1)}
{0, (0,0)}

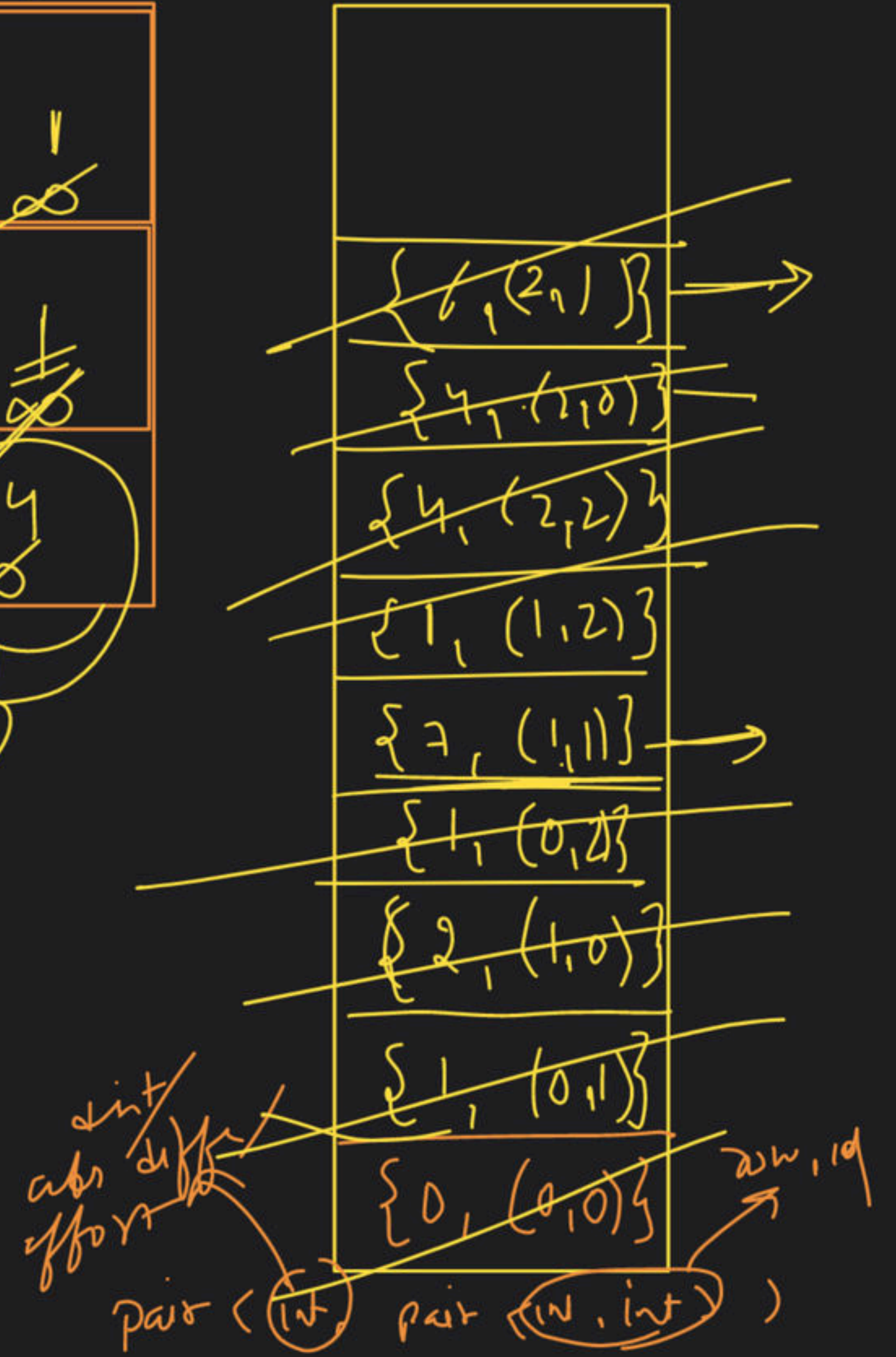
abs
 difference

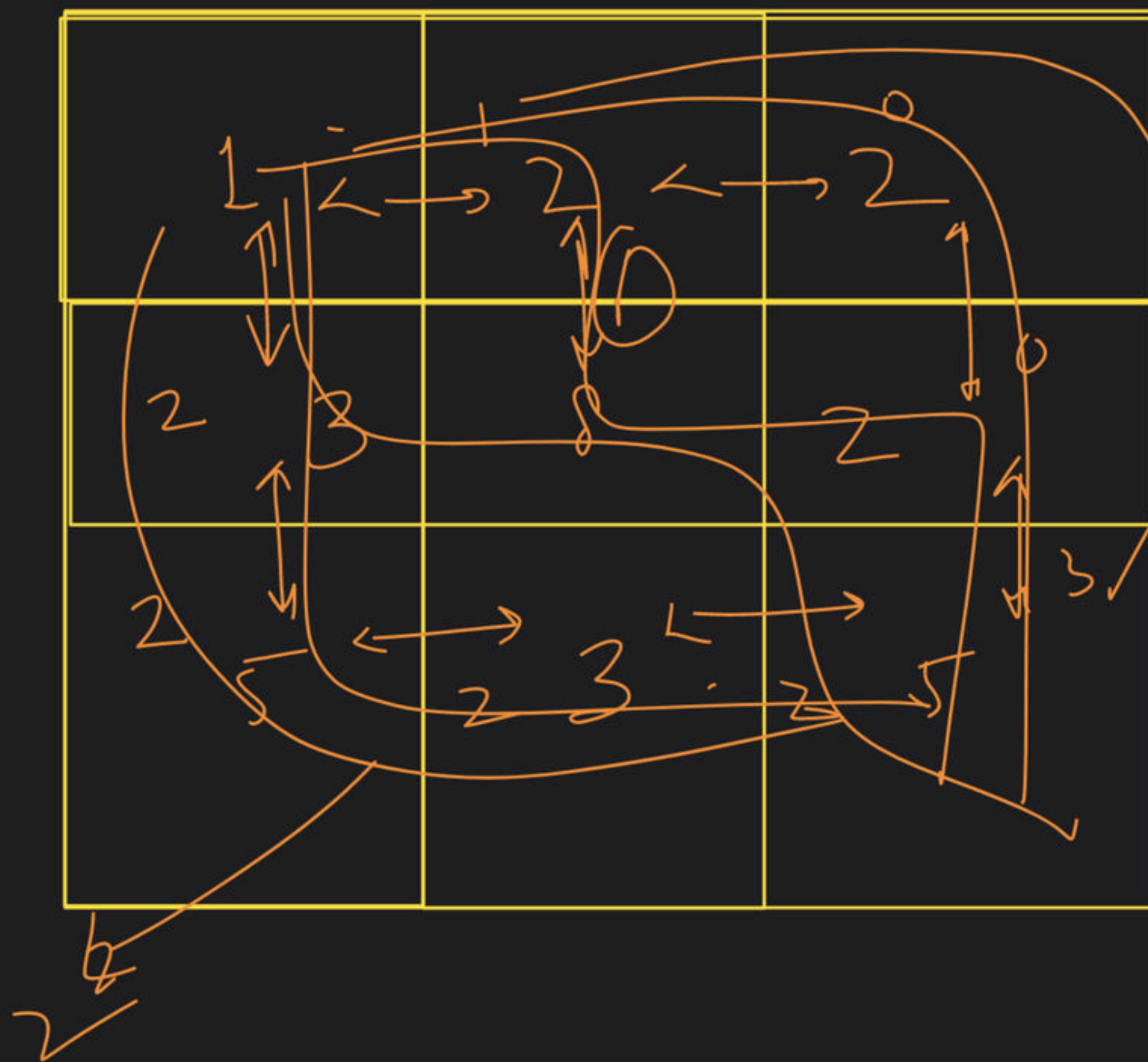
row, col
 coord

pq -> pair<int, pair<int, int>>



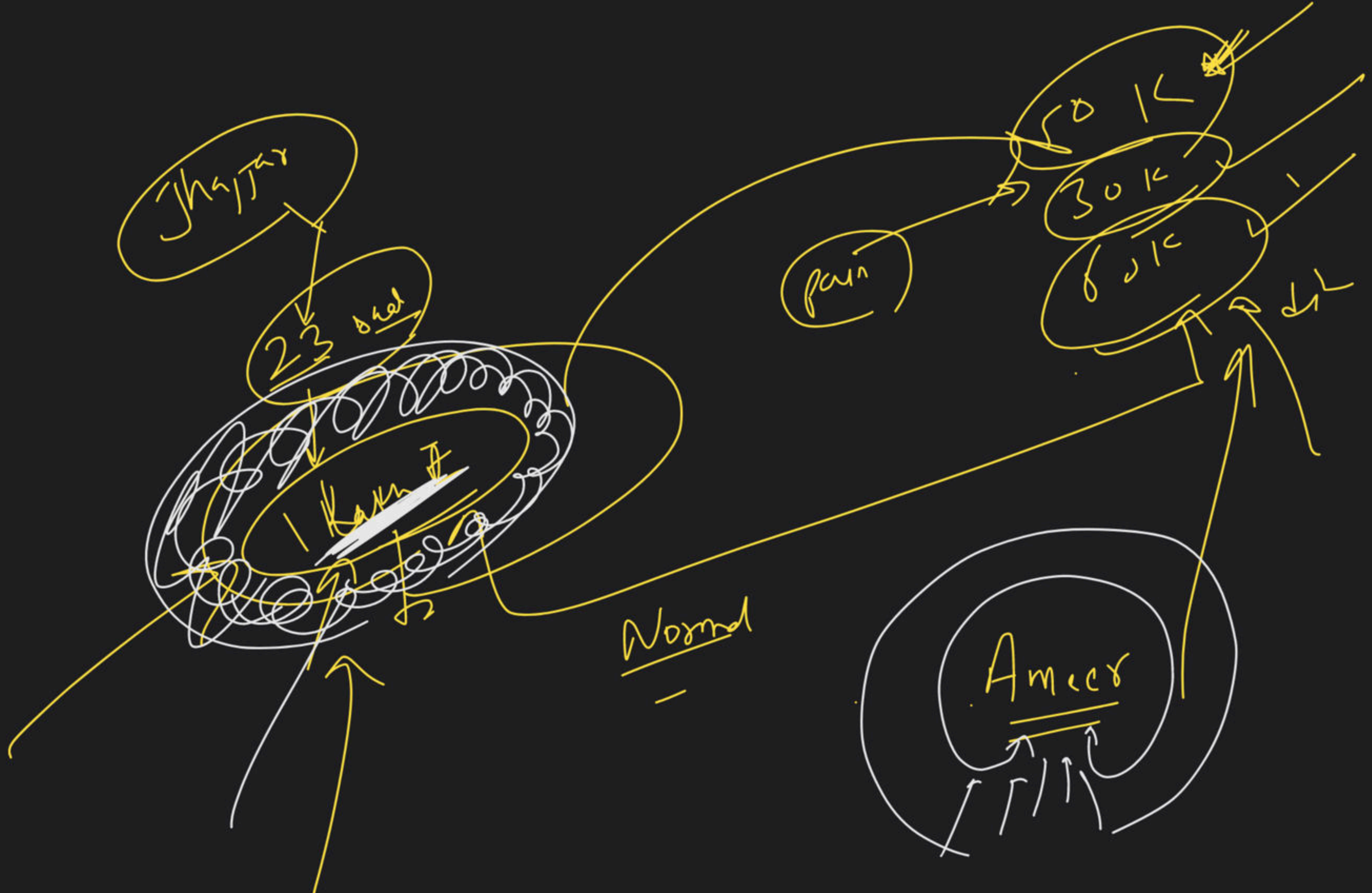
(2)





3 d'ut sur

man abs diff



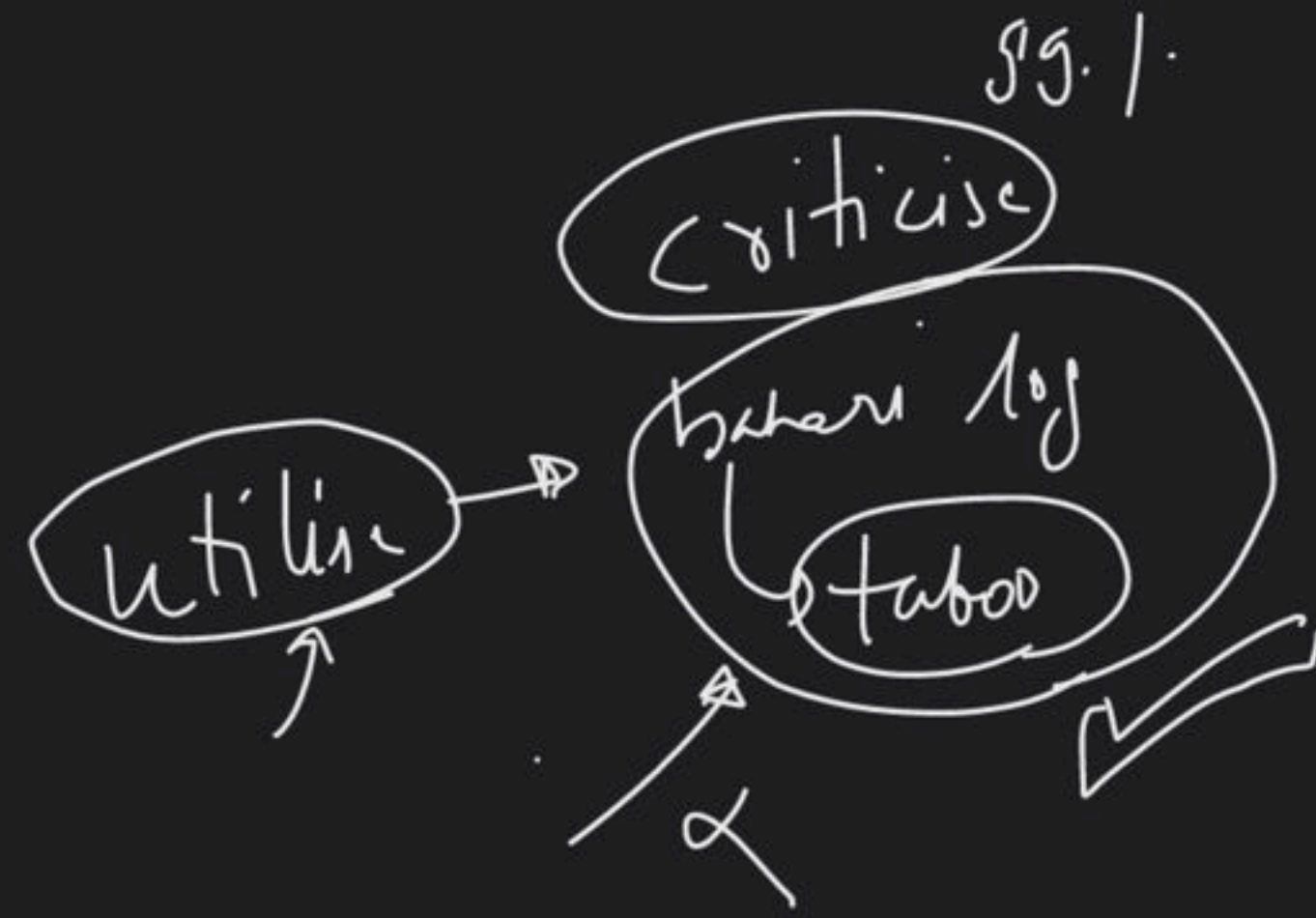
100/4

shakd

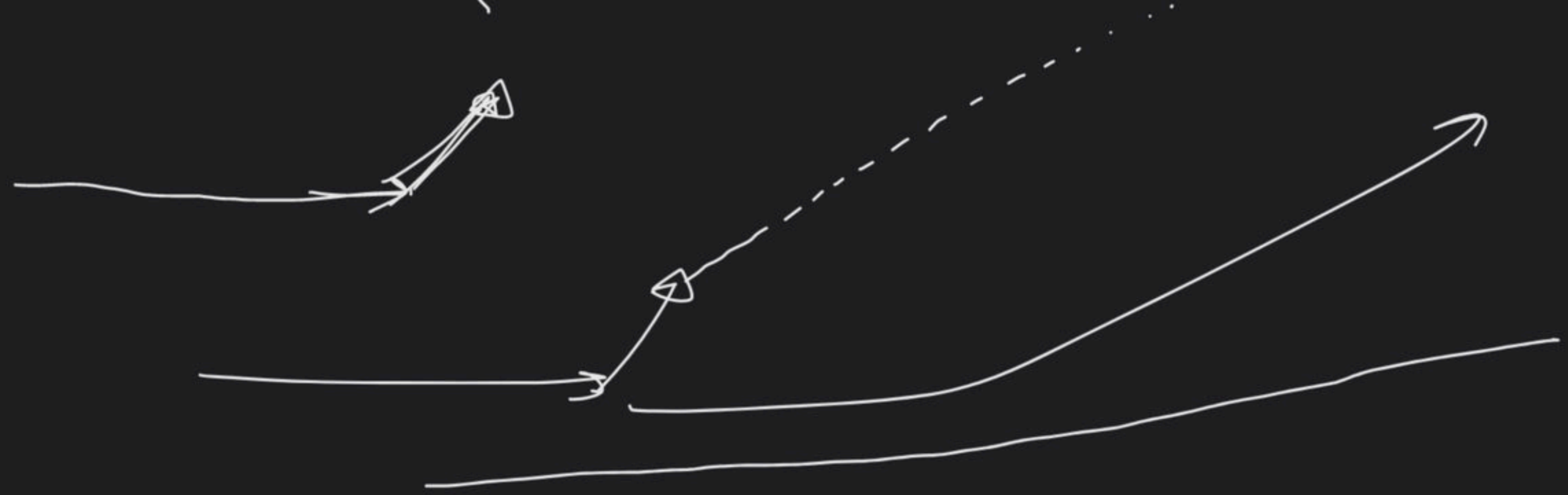
short bus

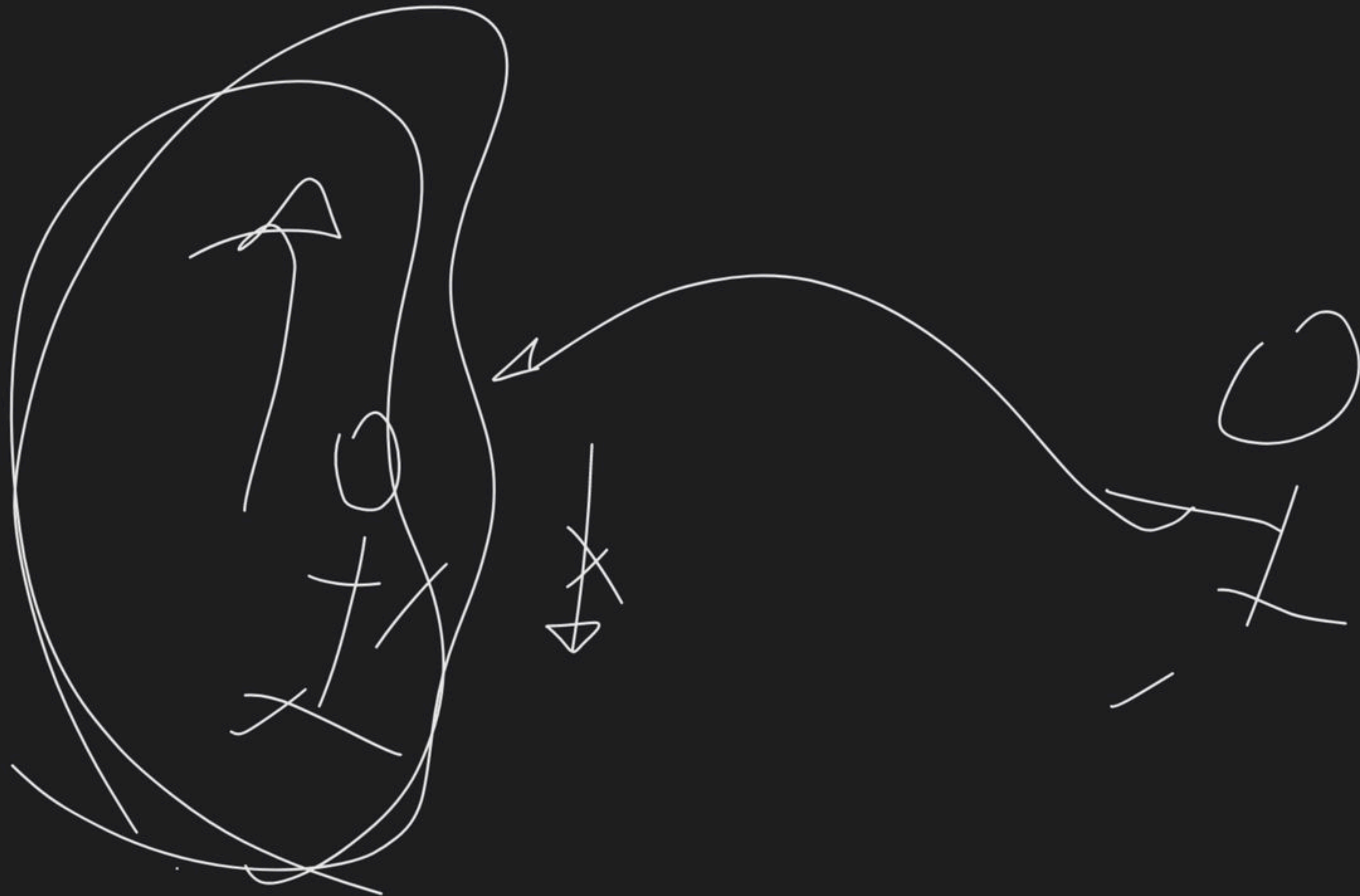
log a

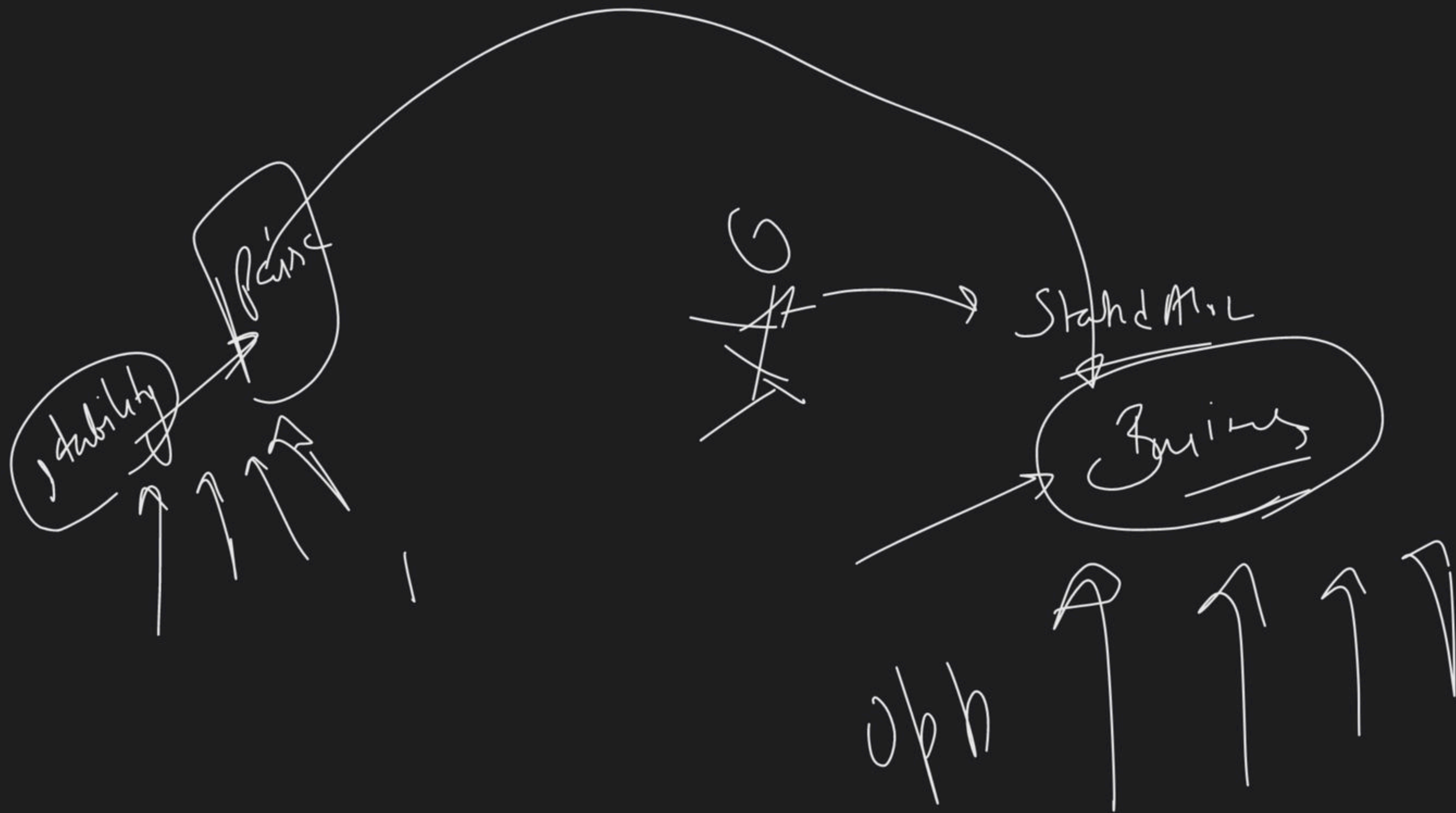
Actions



Brutal

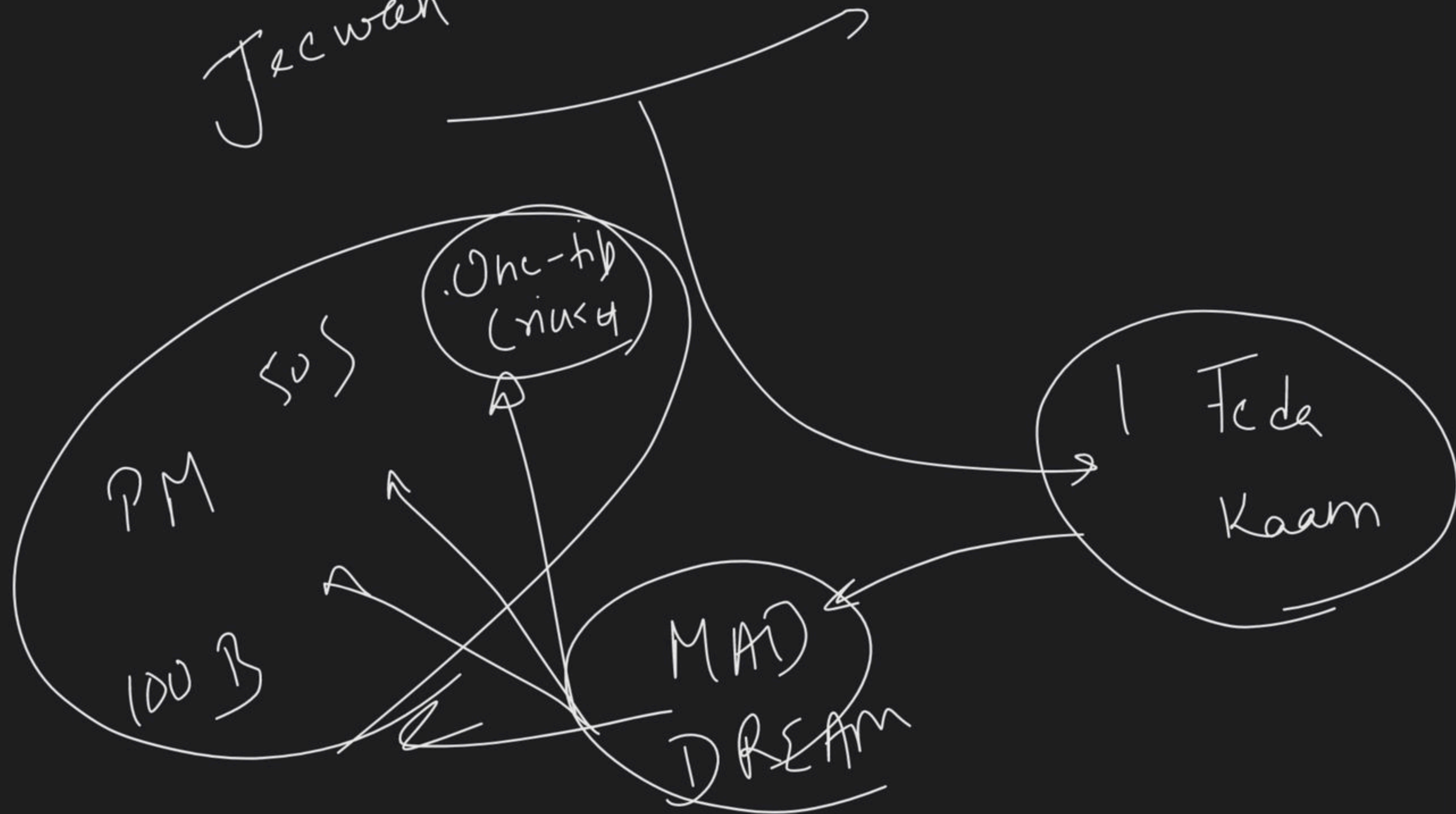


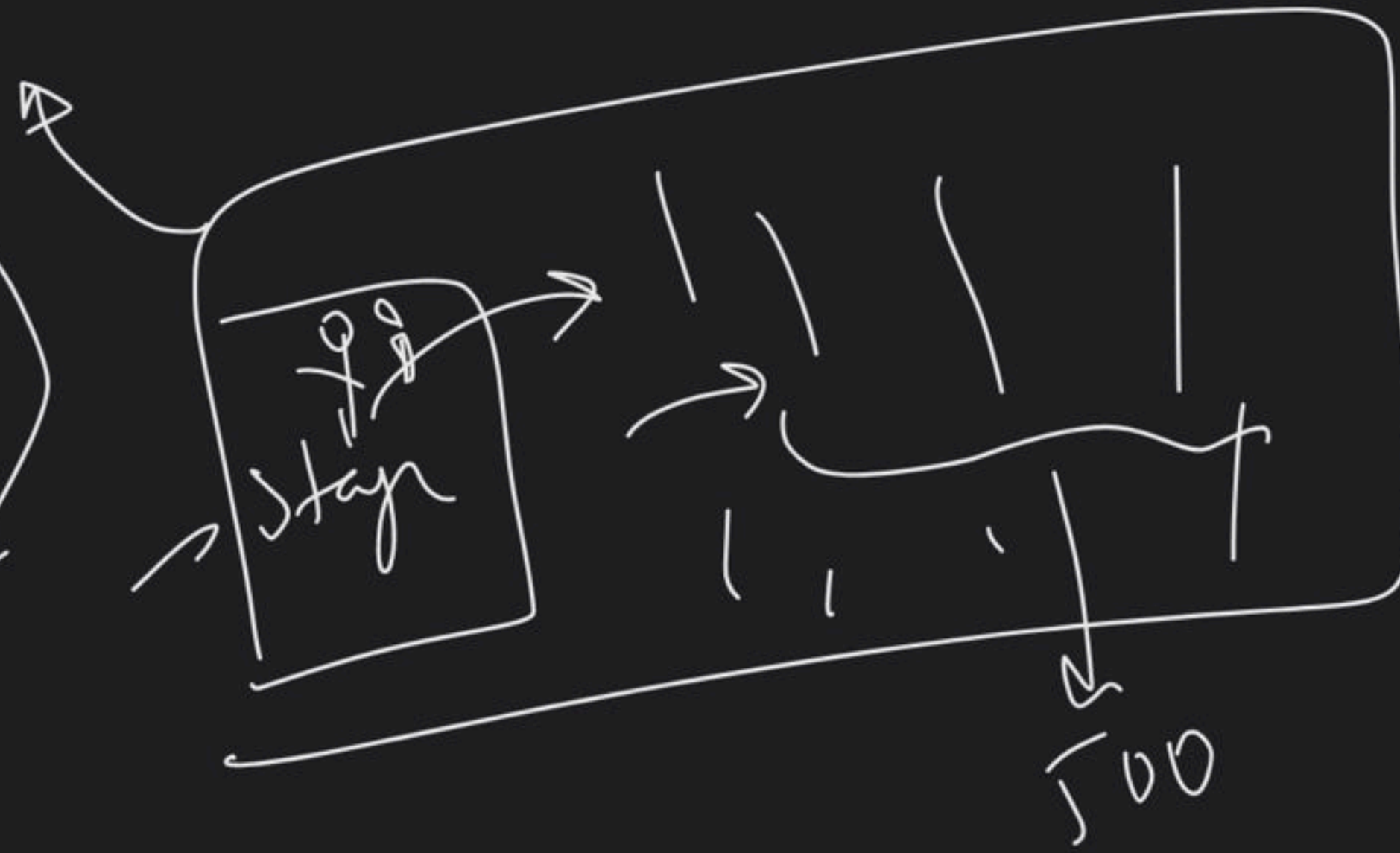
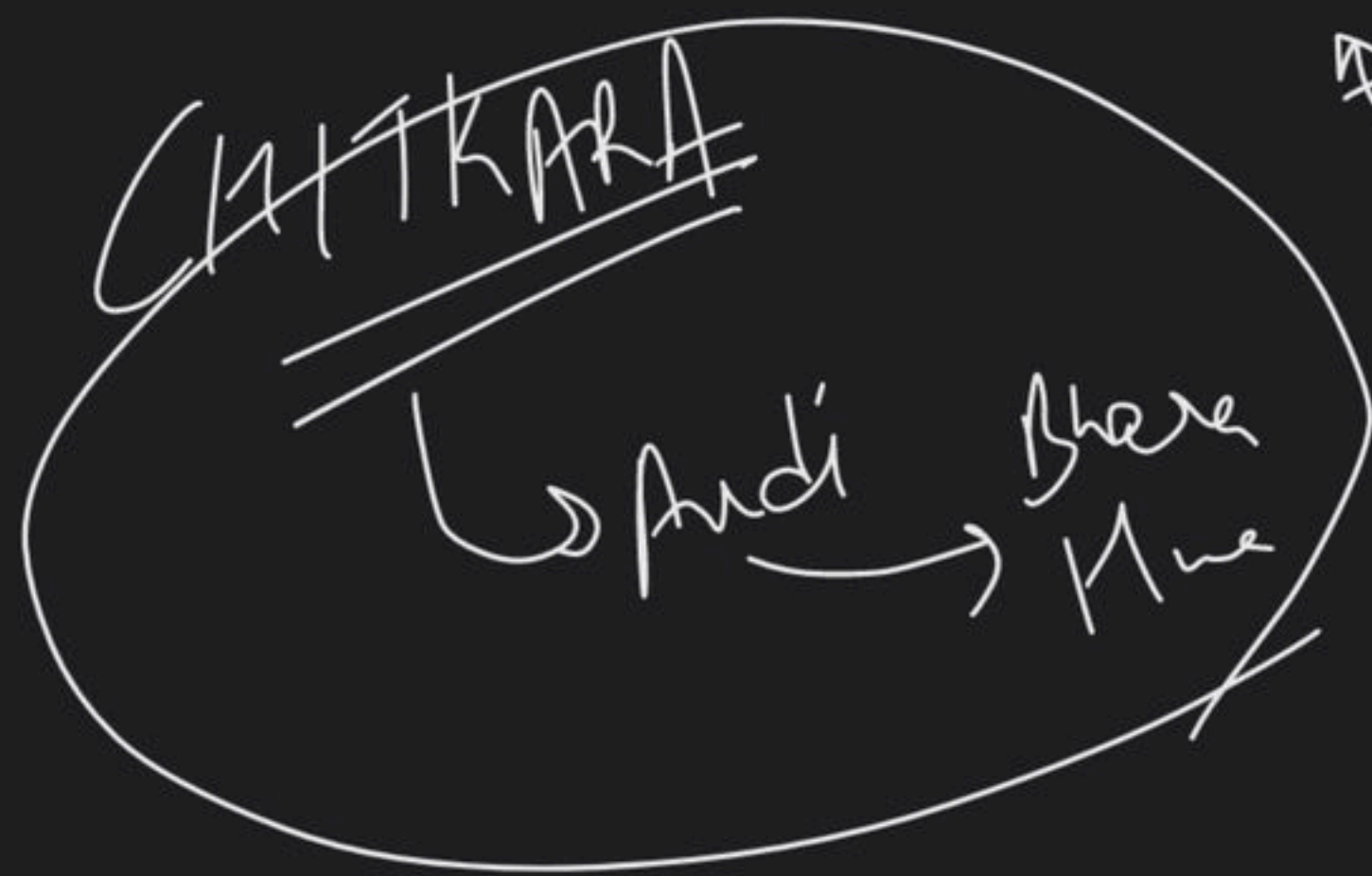
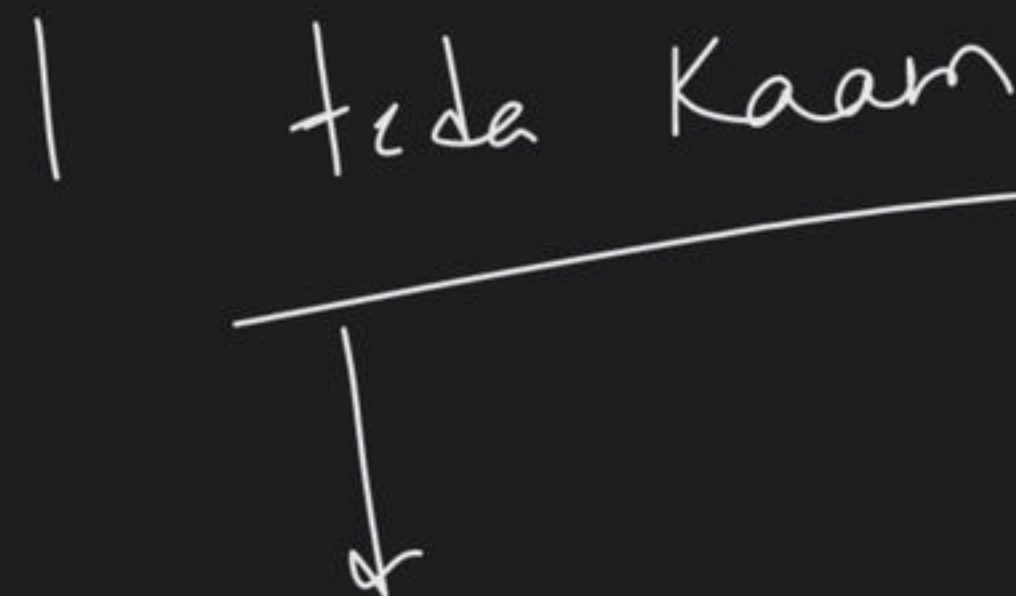
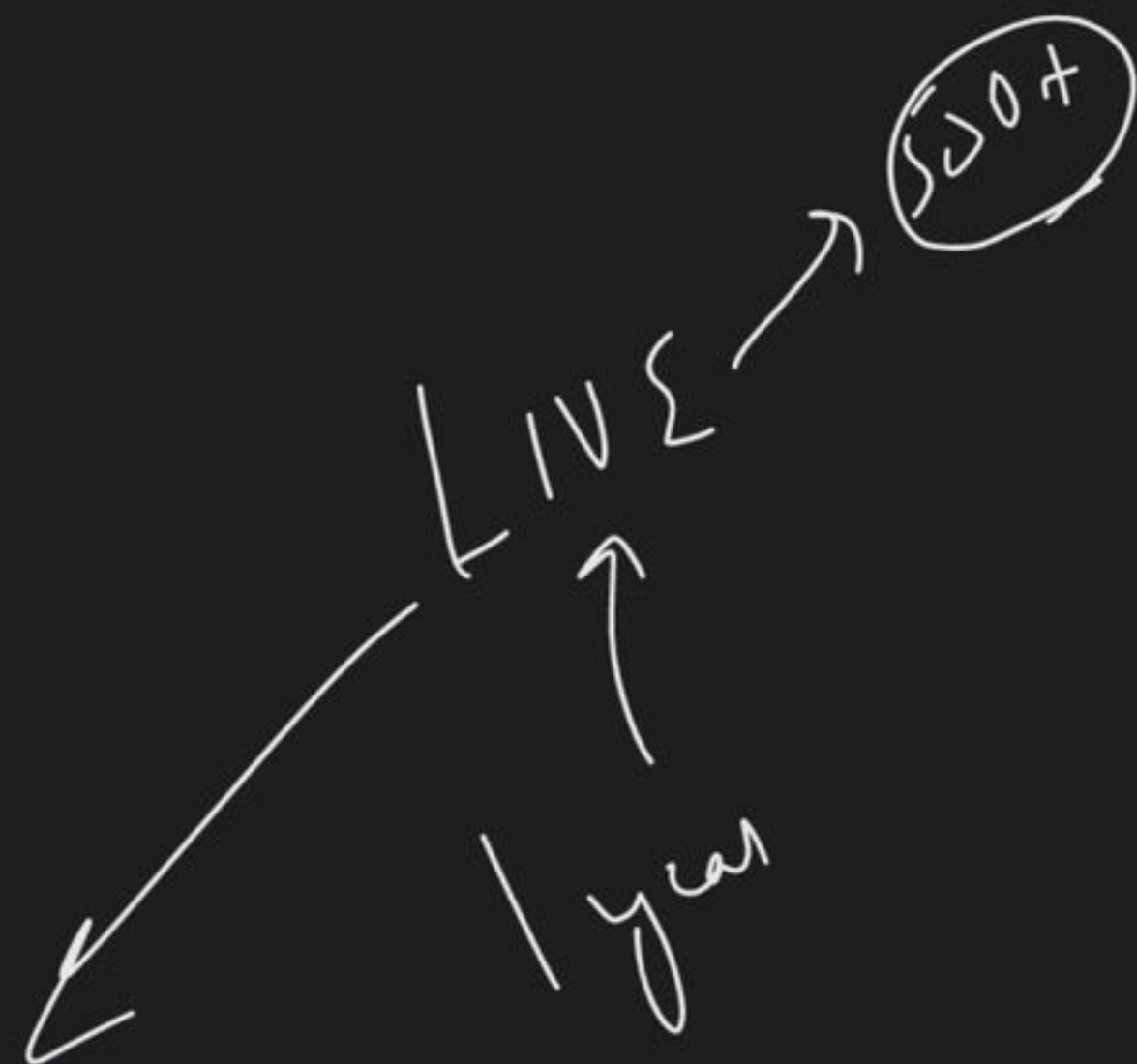




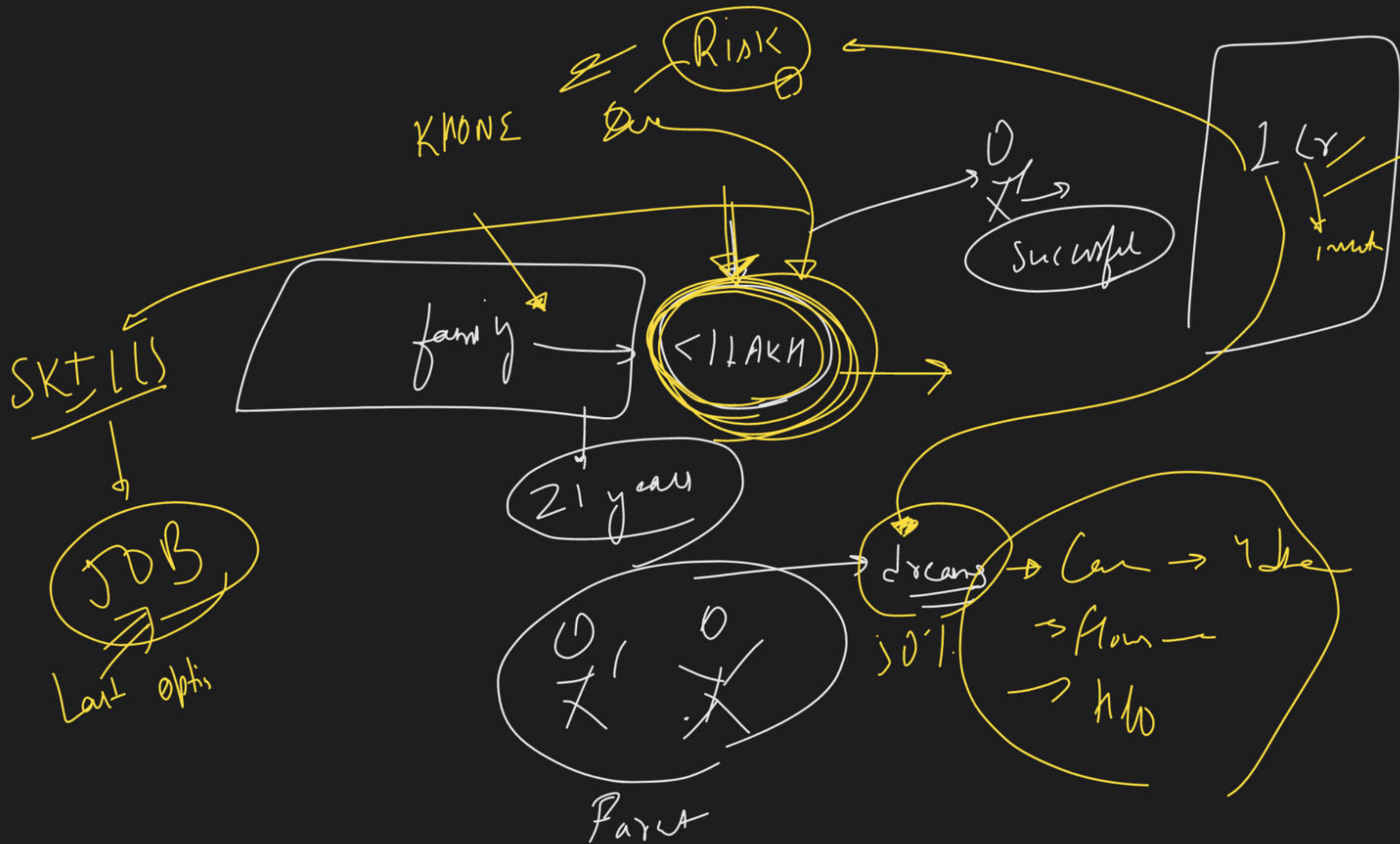
Uper - 1 Bhaywan

Jawan









TEDA

KAAM

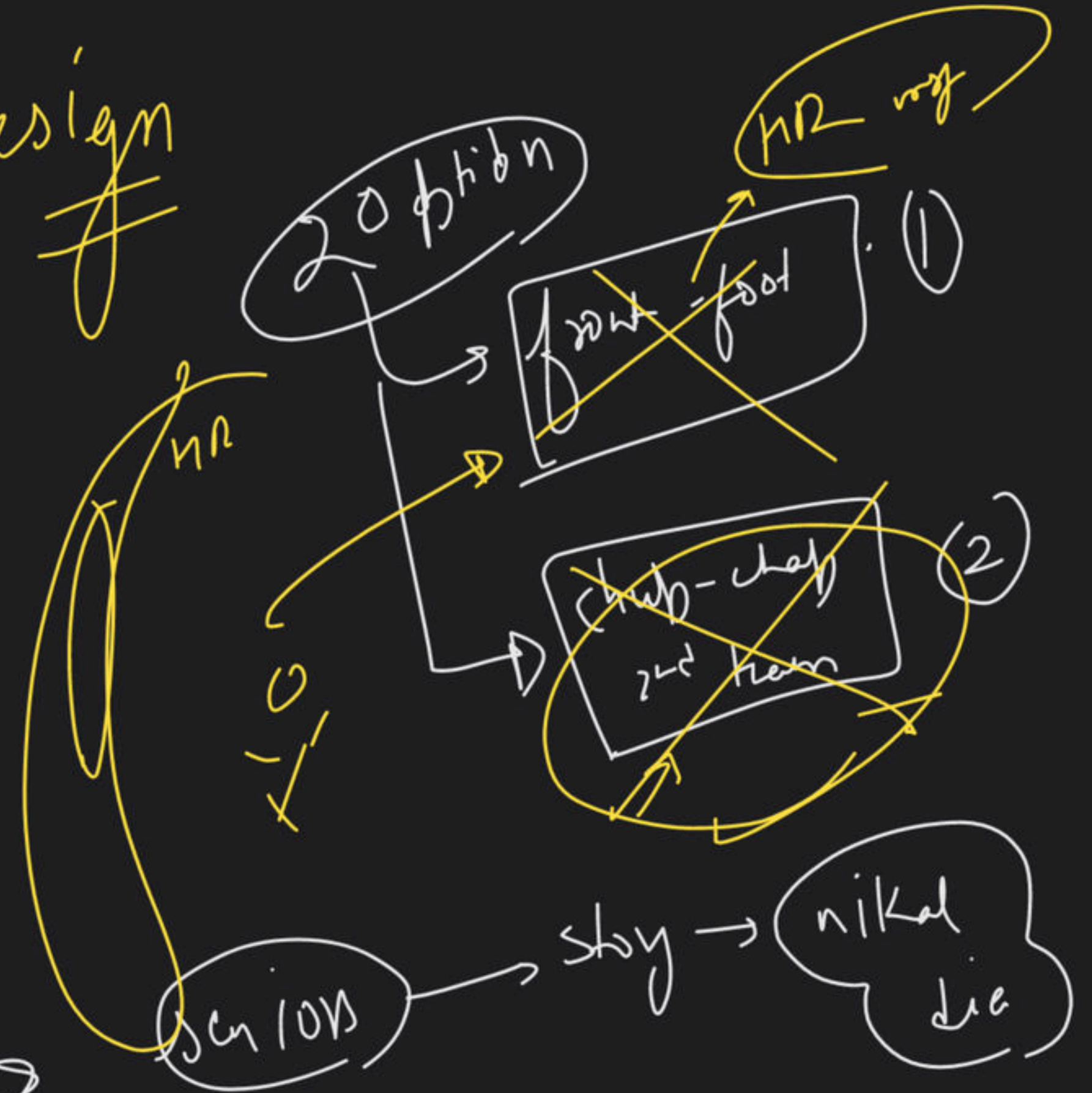
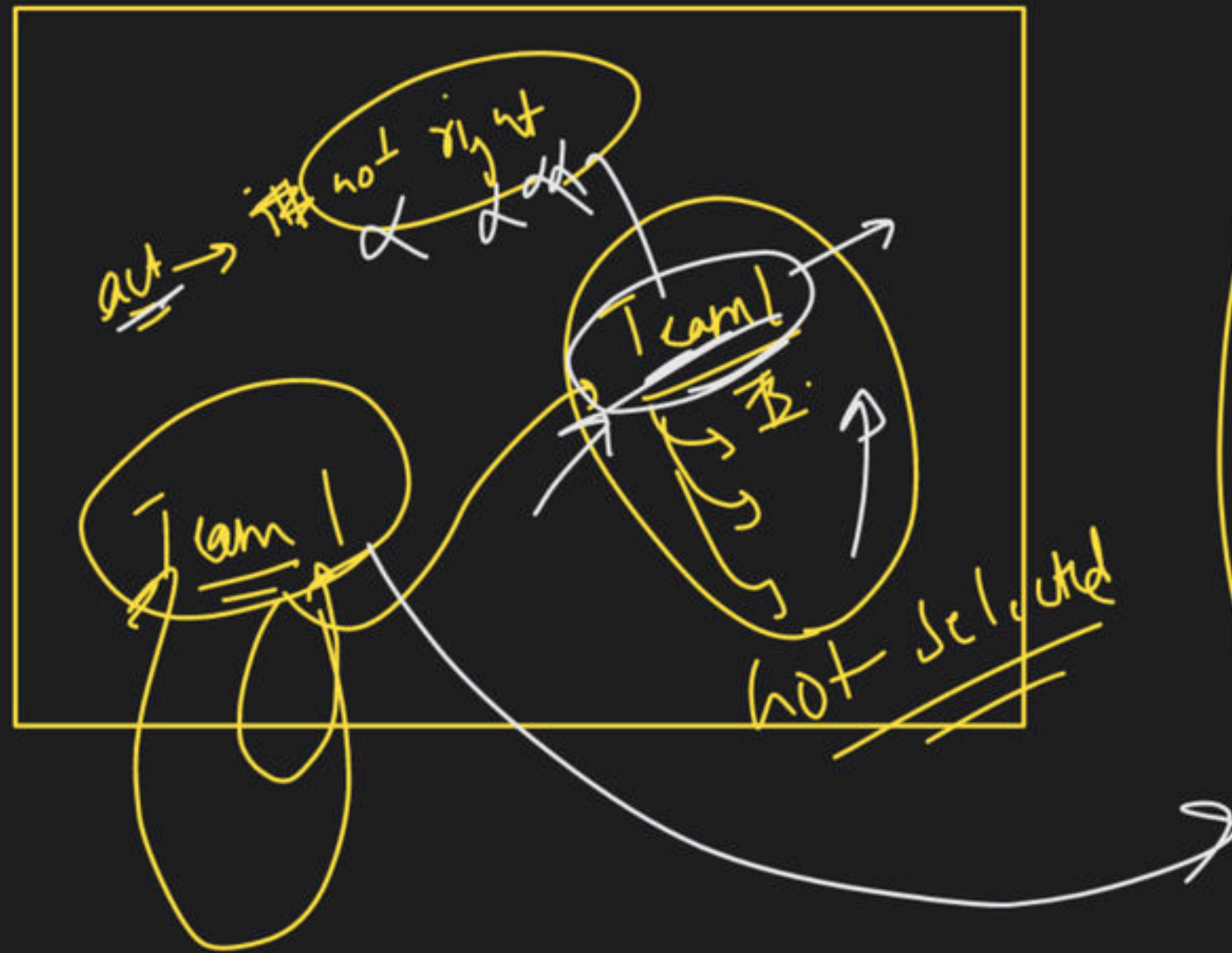


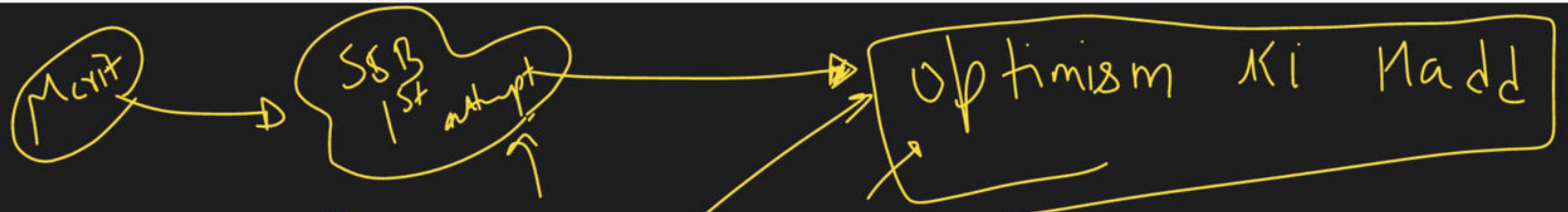
Supreme walo

Ki Supremacy

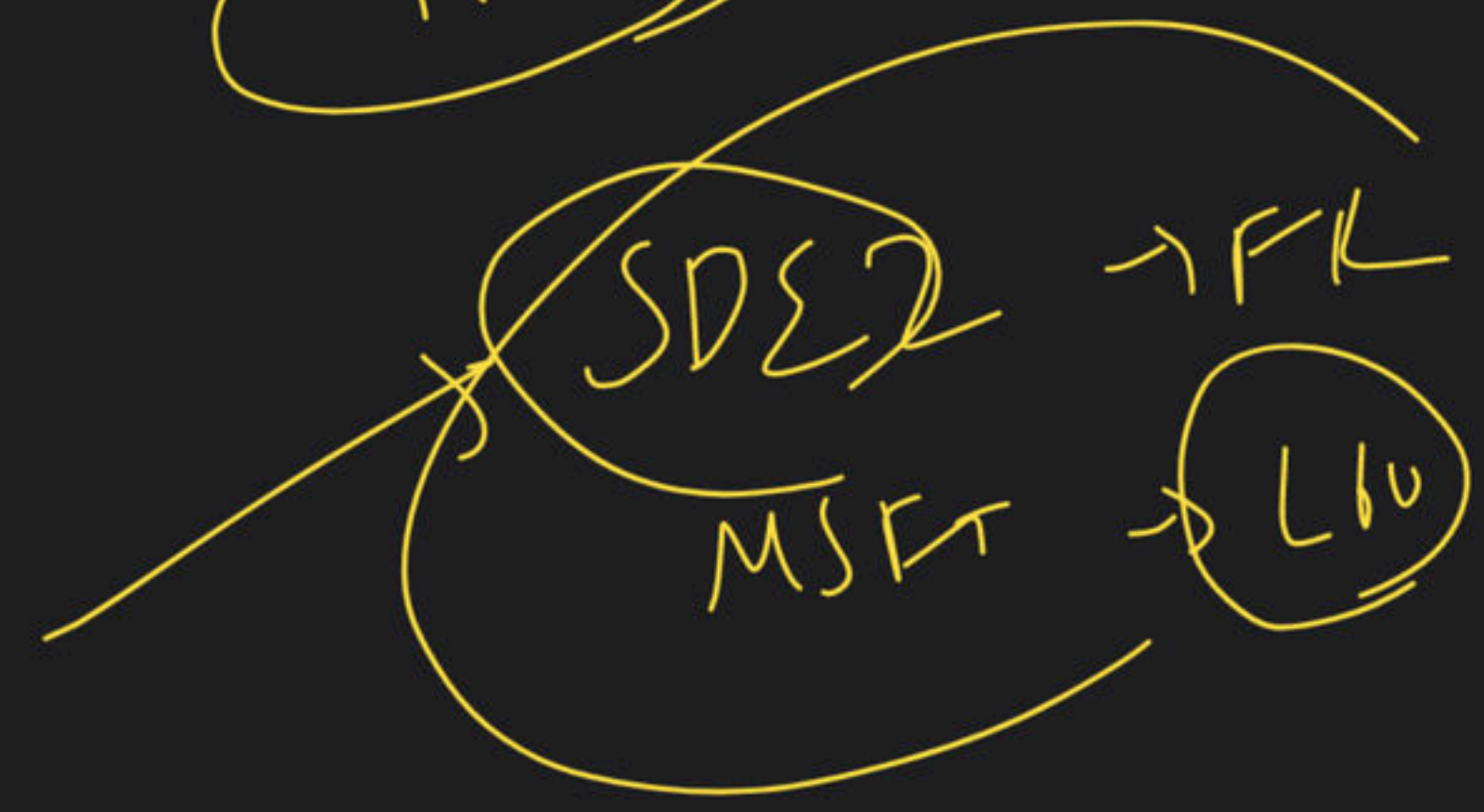
→ Kya Karne h → chll →

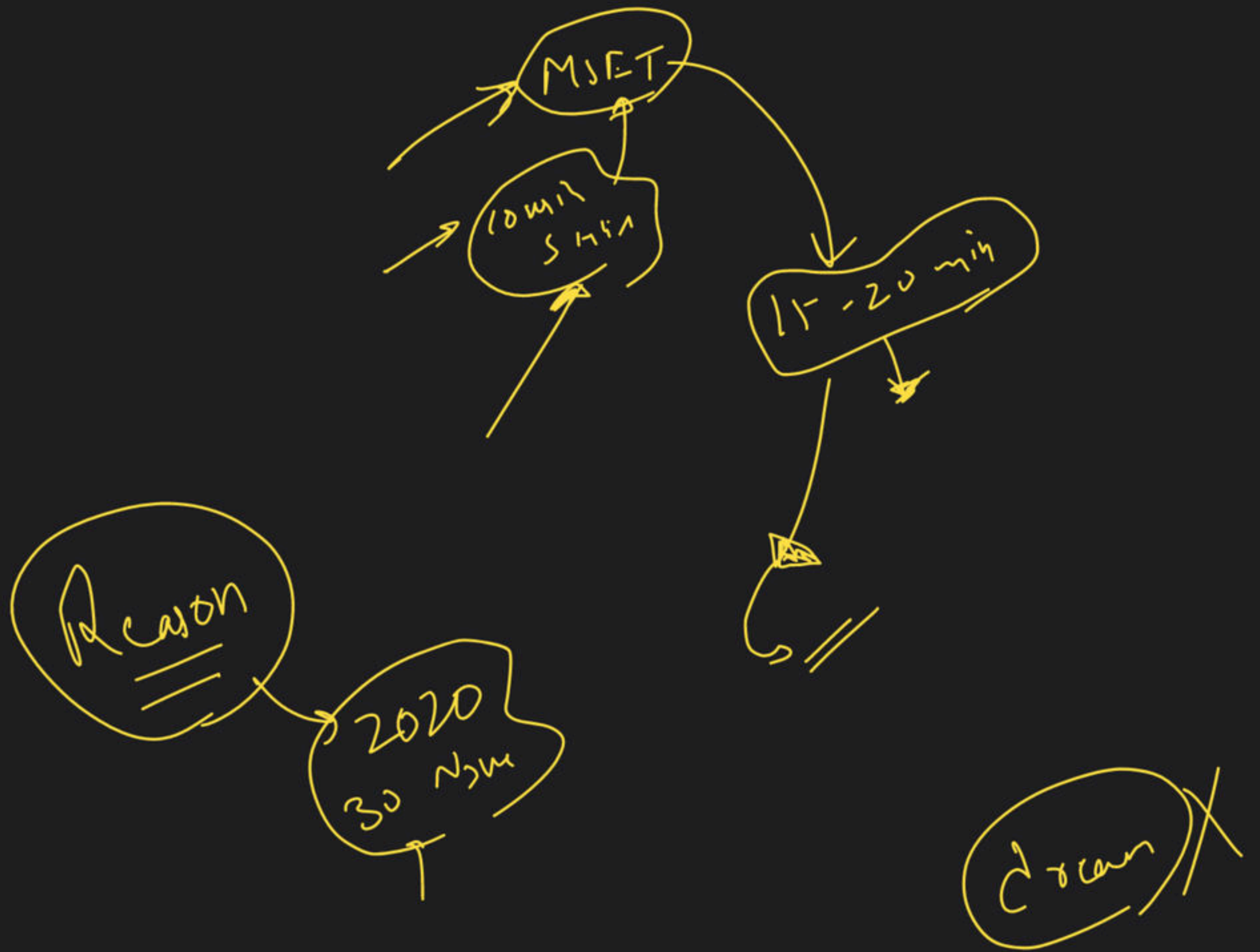
Resign
#





12th





Mect

Meet-Up

2-Bike
↑ ↑

in-form

Venue

Timing

Day

Suggest mail

Dilhi

Barki
18/05/20

3-7 pm

Next Sat/Sun

Final Version

Disord
YT

lovebabbar3@gmail.com







