



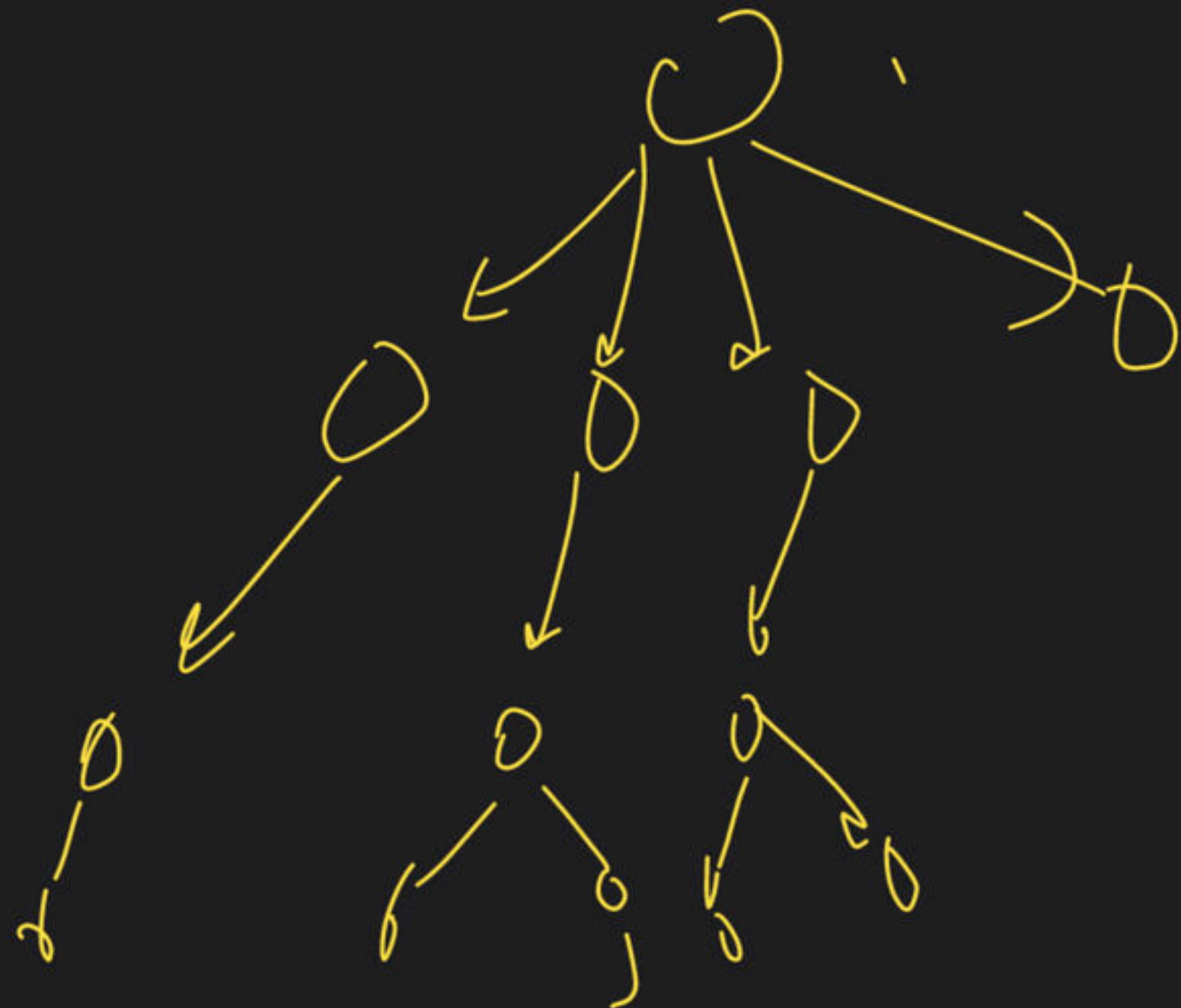
Hashmaps & Tries - Class 2

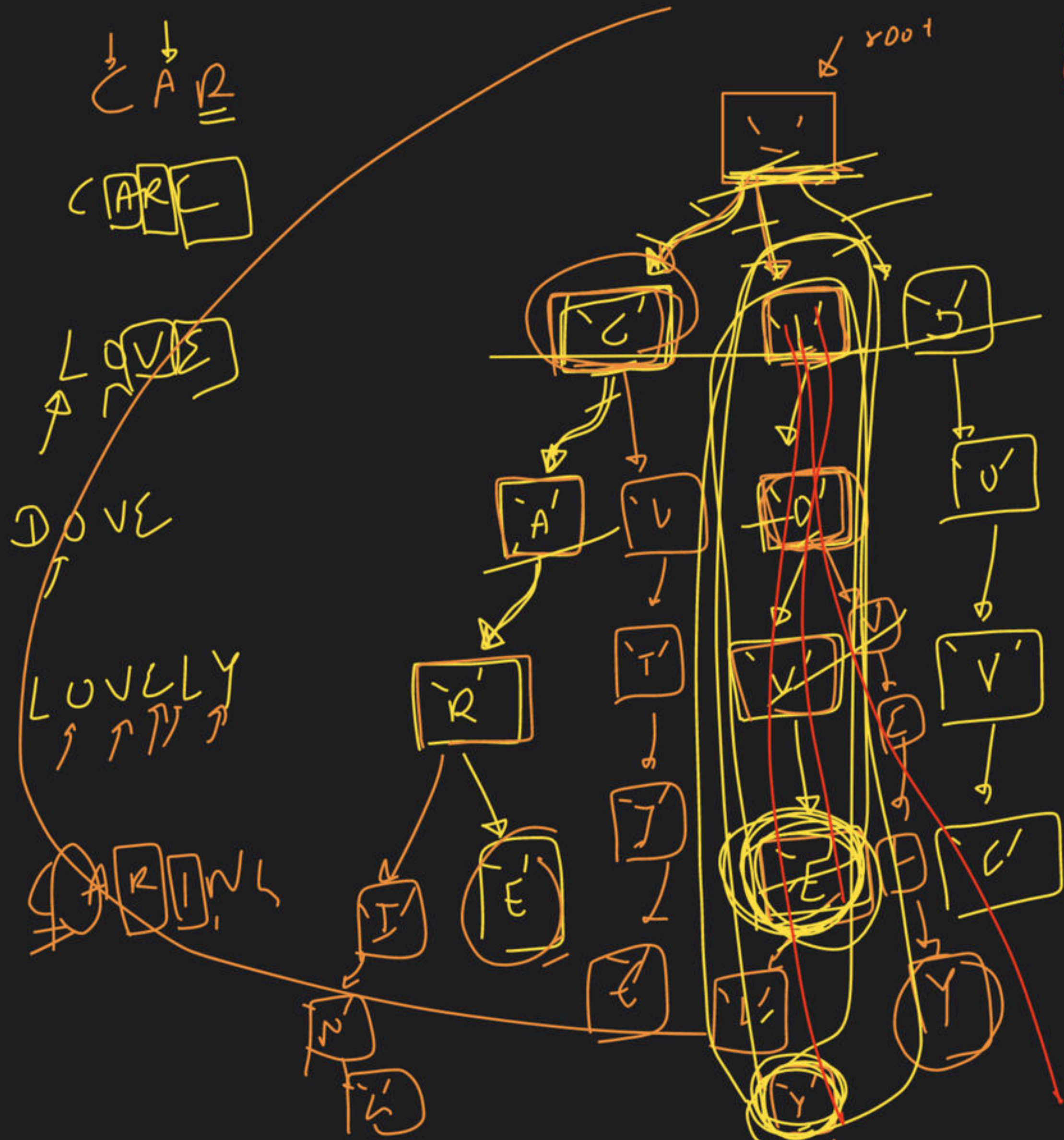
Special class

→ Trie:- Data Structure

Patterns Searching

multiway tree structure





LO

present
→ traverse

absent
→ create
→ traverse

isTerminal = T/F

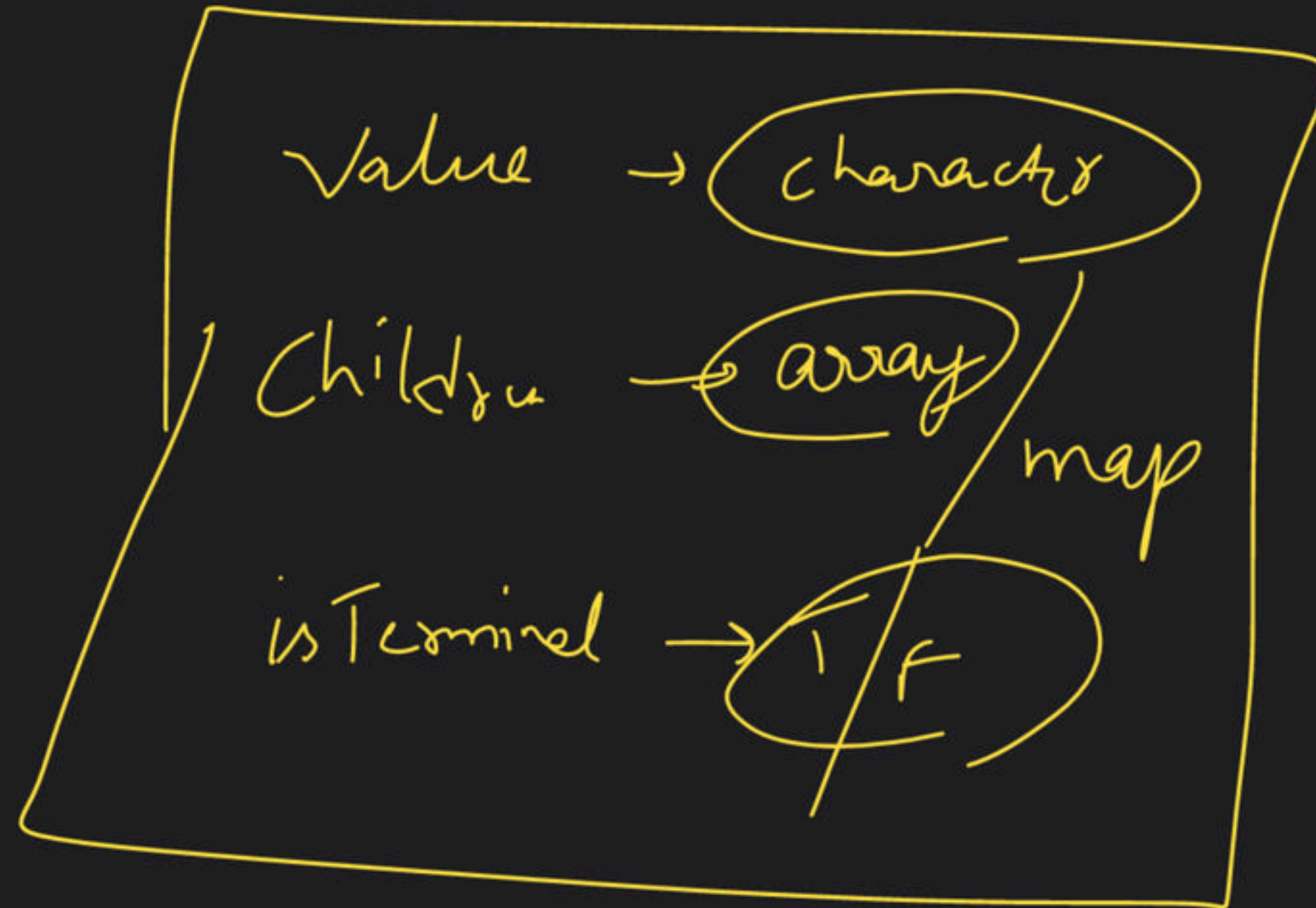
LOVELLY

creation

string



node



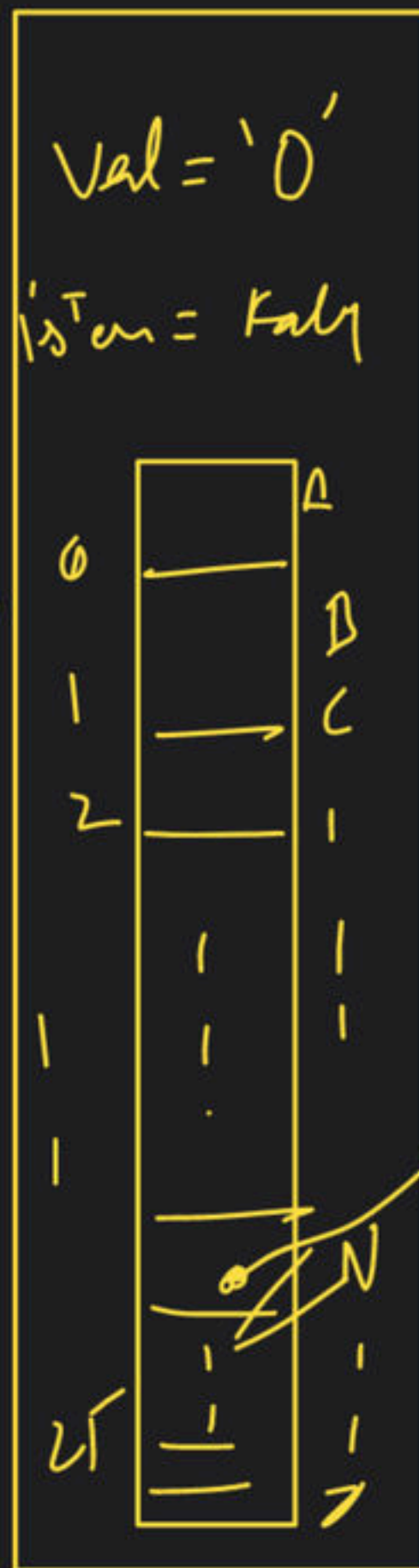
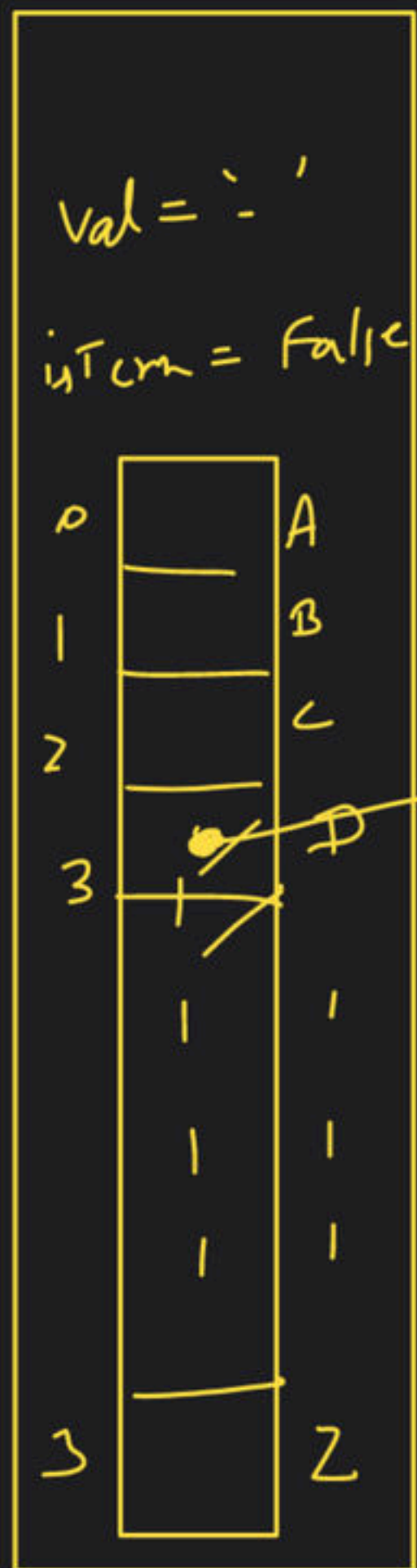
gone

one

na

a

... 1 2-3



Love Ba

Love Baby

Love Behn

Lo - Batten



BABAR

down

donc $\rightarrow \overline{51}$

donors $\rightarrow f$

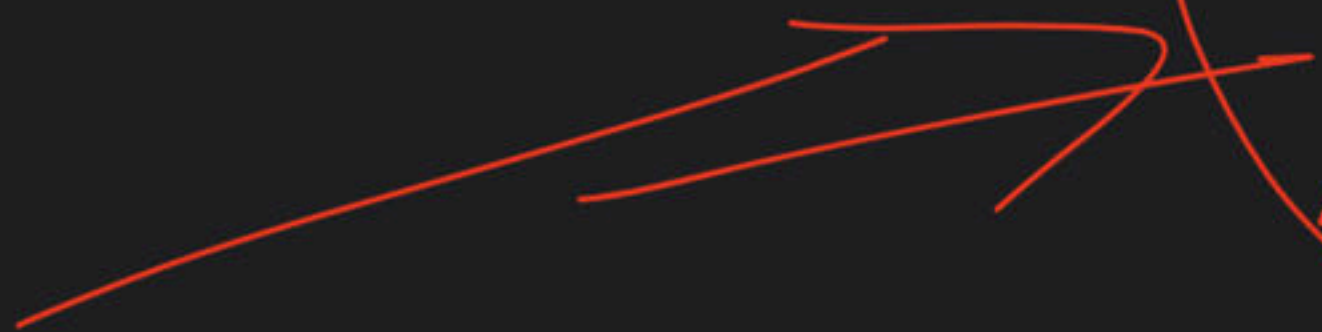
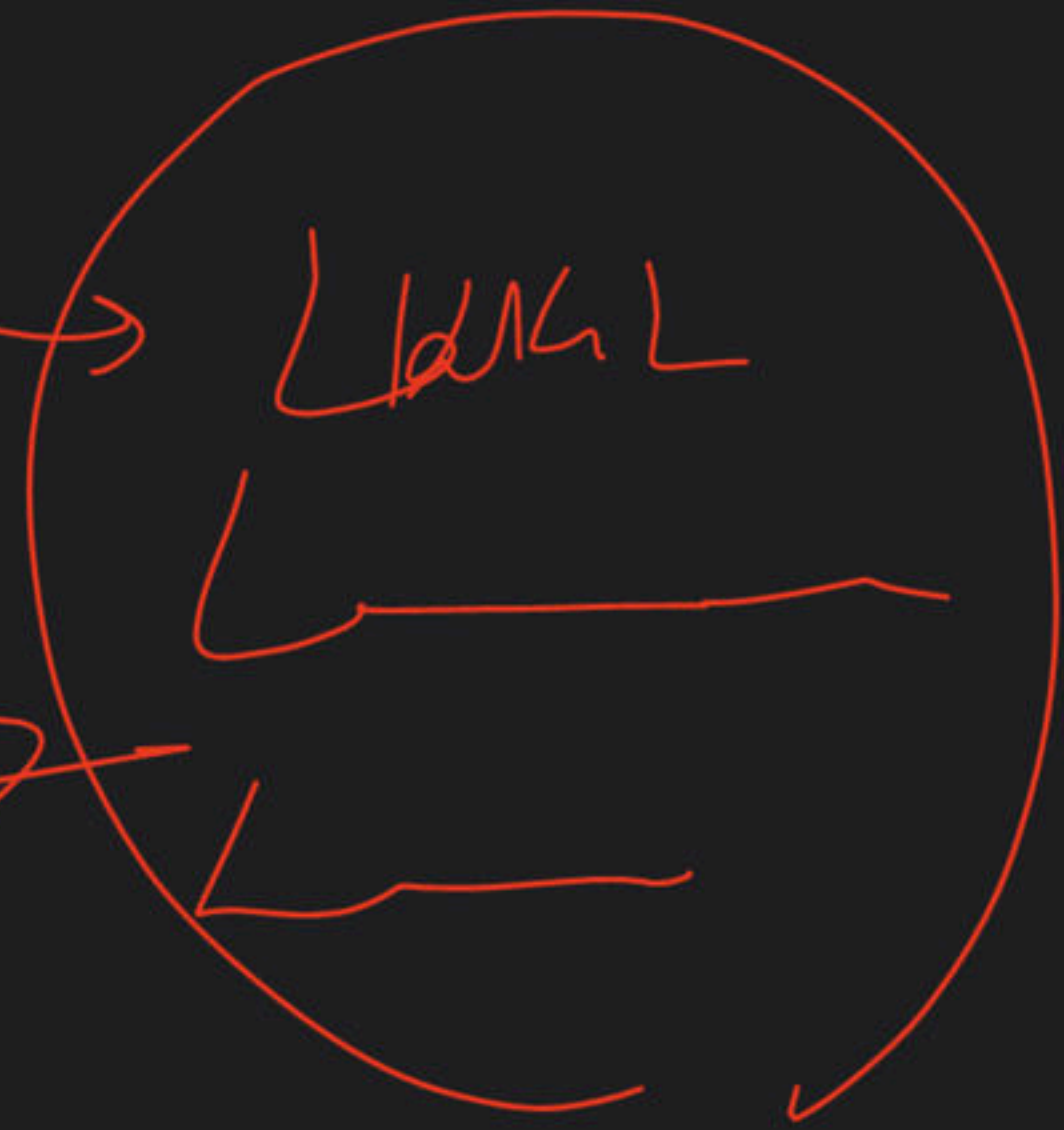
donare - 5)

don \rightarrow Fulu

Phone Book



Law





LOVE

not found

CODE

R

E

T

A

LOAD

E

R

C

O

M

L

L

D

A

B

V

LOVE

A

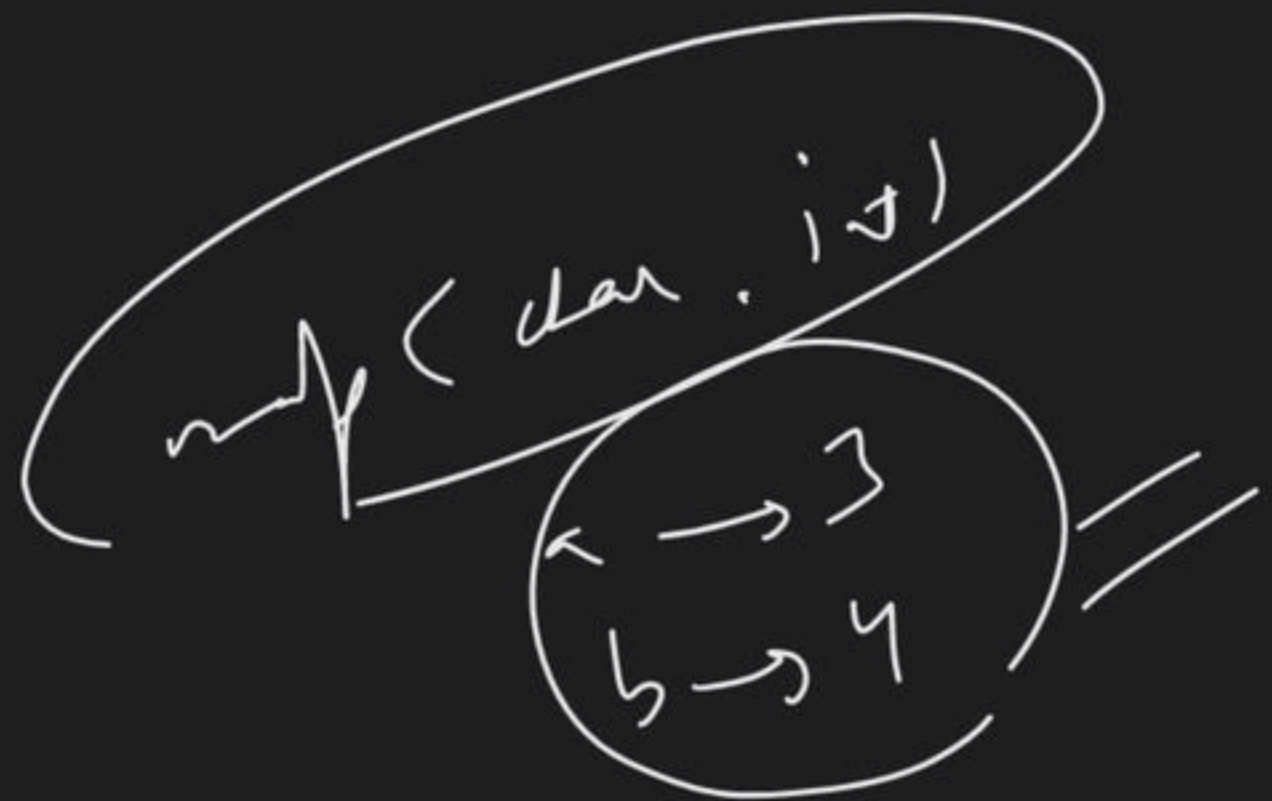
LOVED

T

deletion

CATER
CARE
CDM
LOVER
LOAD
BAT
CAR
CAT
LOV
LOVED

LOV

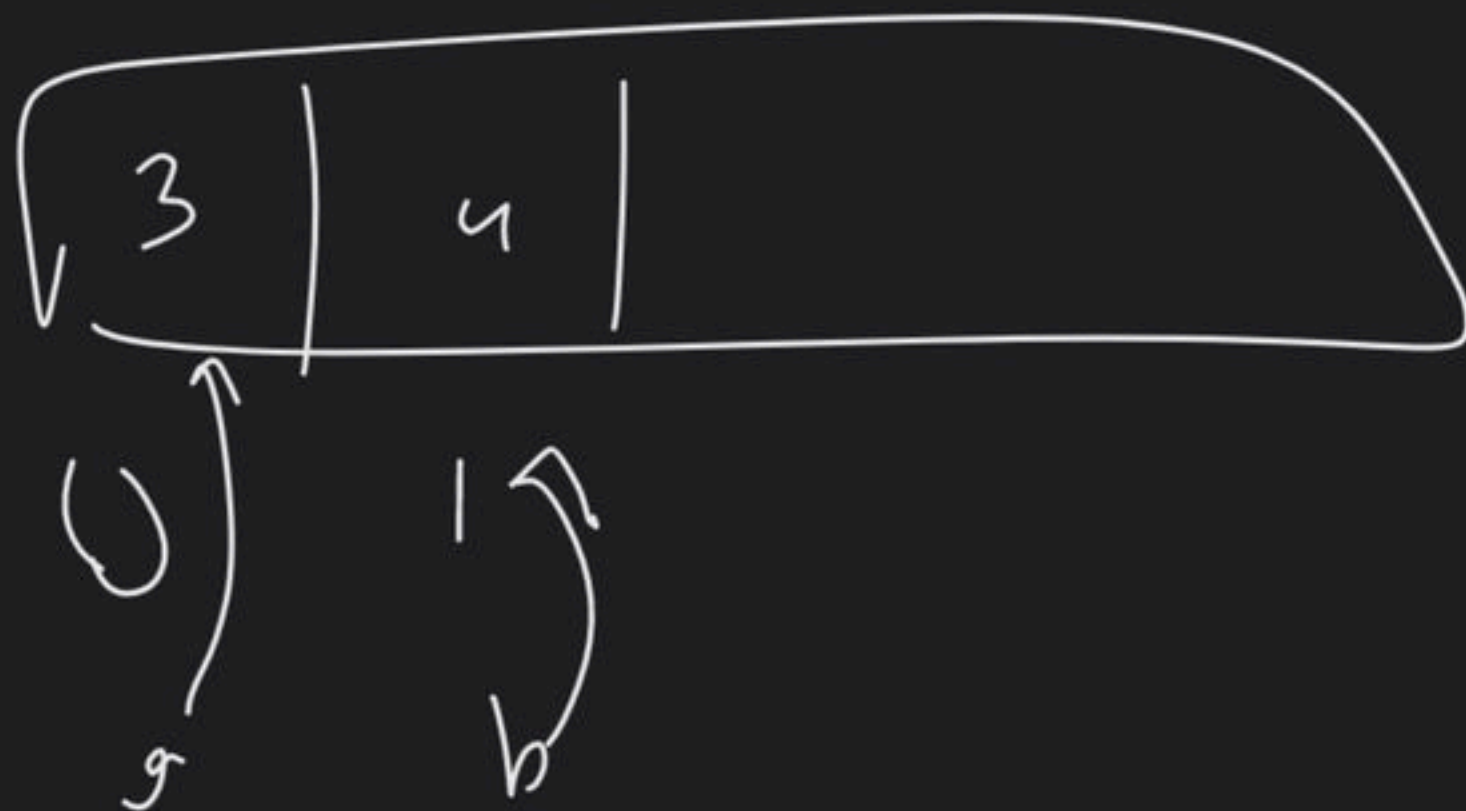


$map < char, TrieNode >$

$child = root \rightarrow children(index)$

Ex 2

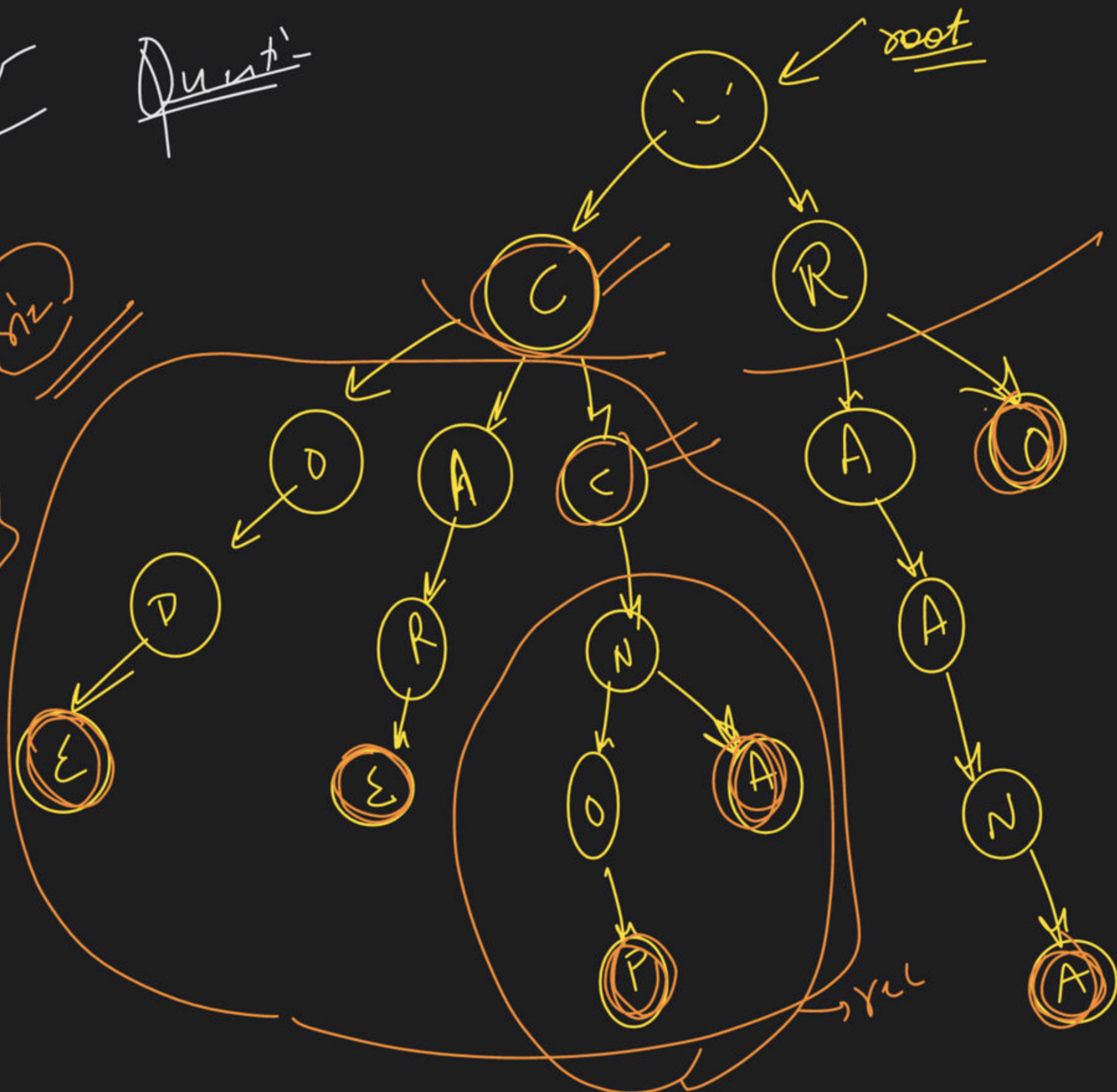
'a' \rightarrow 0
'b' \rightarrow 1



(✓/✓) Quint-

1812

Went
Uap



CODE
LAKE
CC NA
CC NOP
RAANA
RO

pycin
i/p → "C"

i/p → "CC"

i/p → R → RAANA
RO

a
a

1 2 3





































