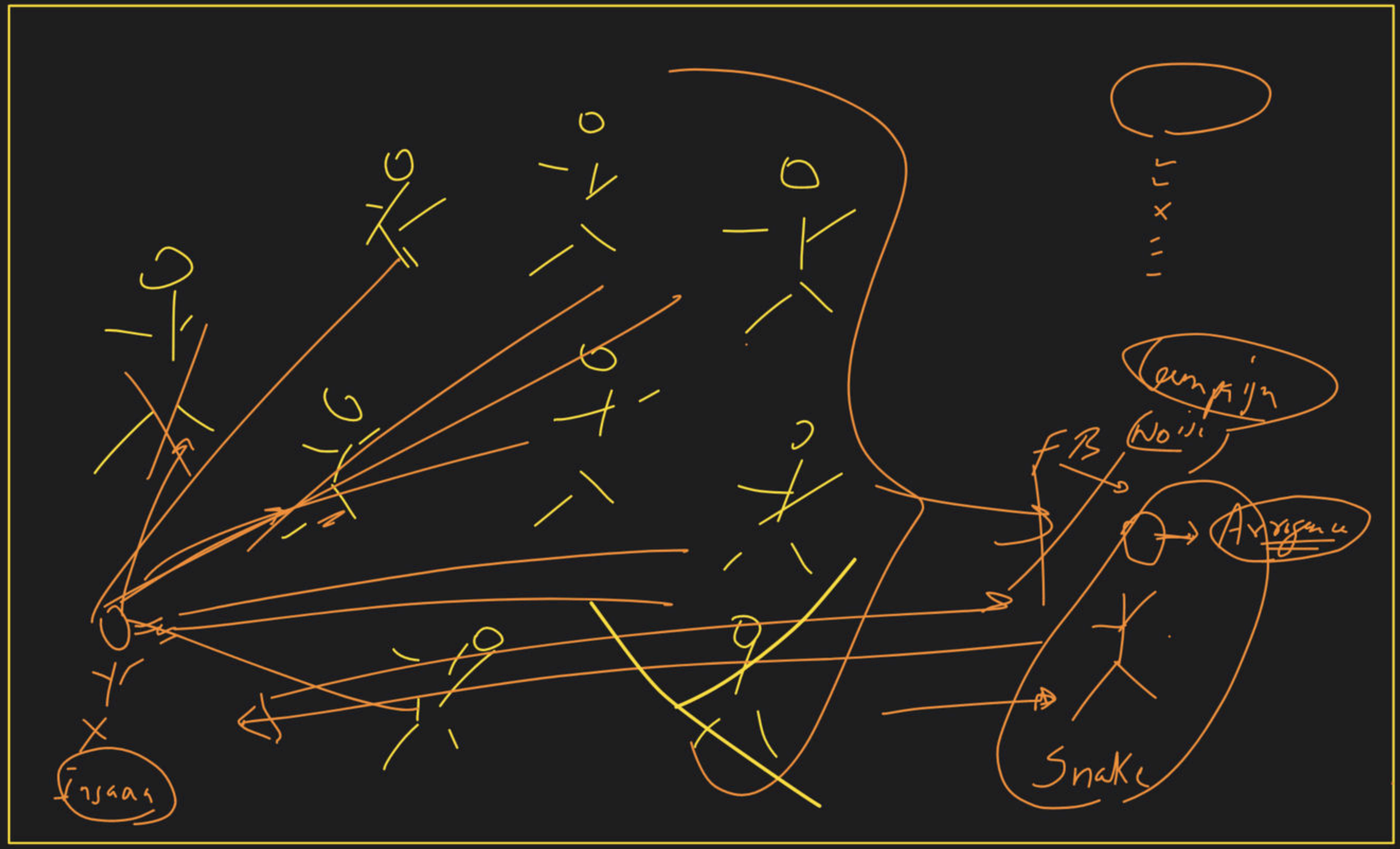
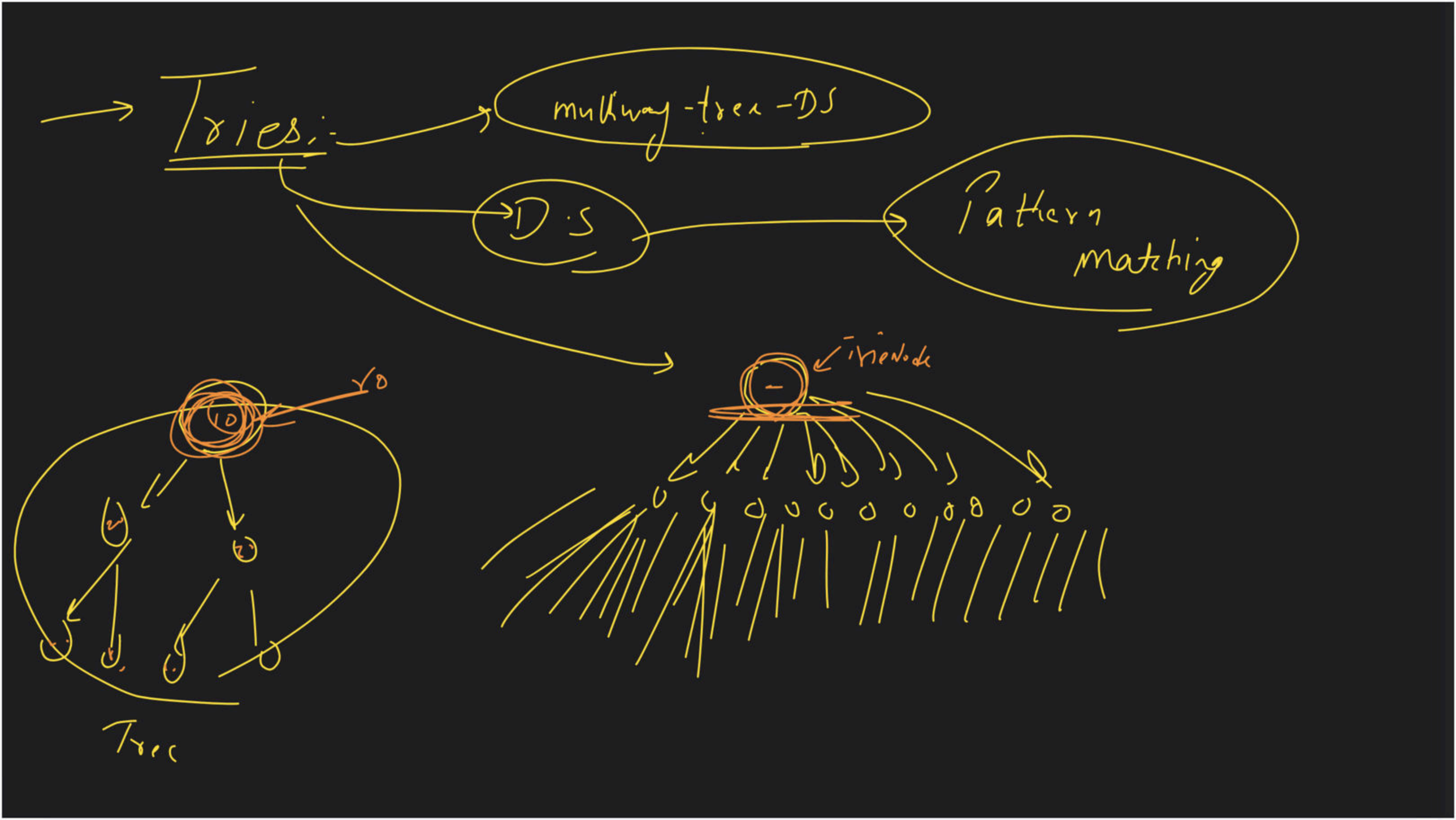
# Maps & Tries Class - 3

Special class

**Love Babbar** • Sept 7, 2024


Snake


Tries:-
multiway-tree-DS
DS
Pattern matching
trieNode
Tree

Trie

- insert
- Search
- remove

→ O(L)

↓

~O(1)

terminal

n >>> L

present

↓

waha jaaka

hu

Terminal

↓

T → F

absent

return

~~tag~~

~~&~~

~~g → isTerminal~~

absent → create

present → waha chale jao

↓

1 case Baaki

Recursive

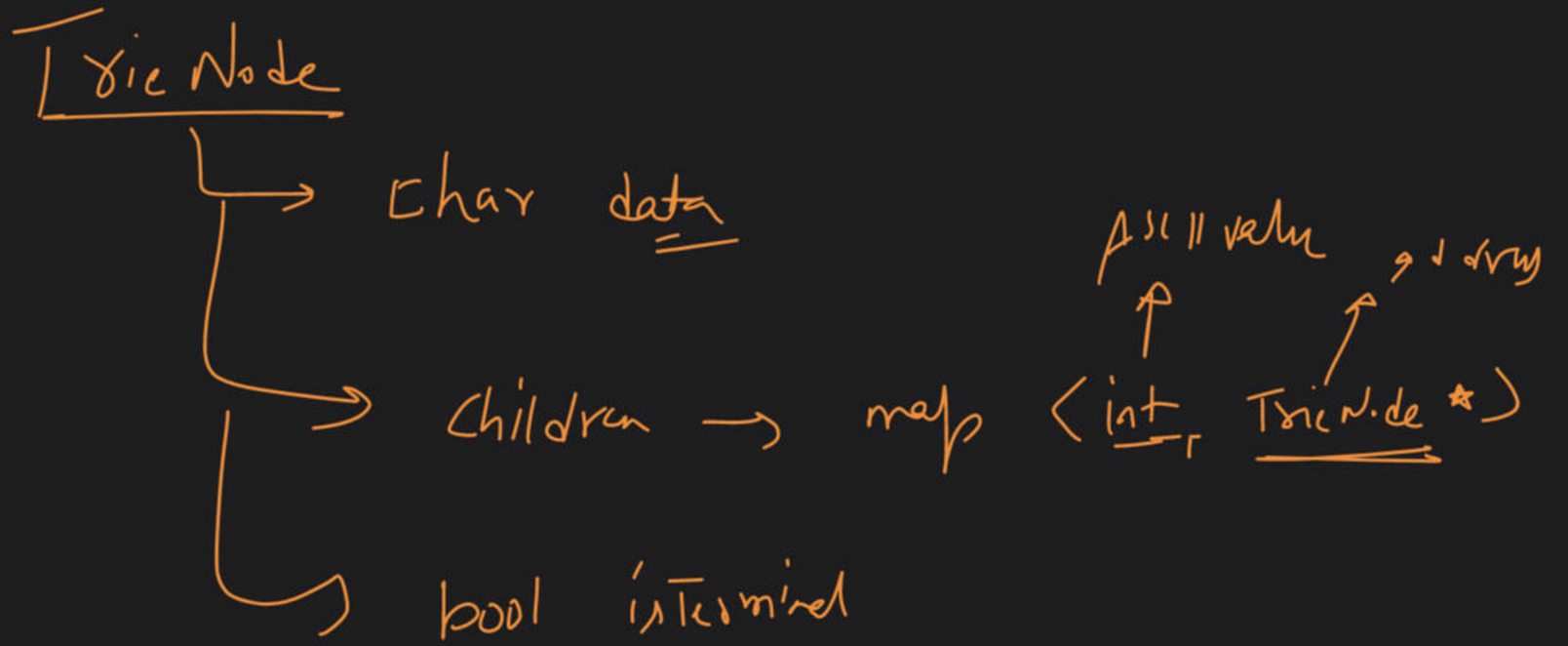
delete

↳ Search

↳ isTerm

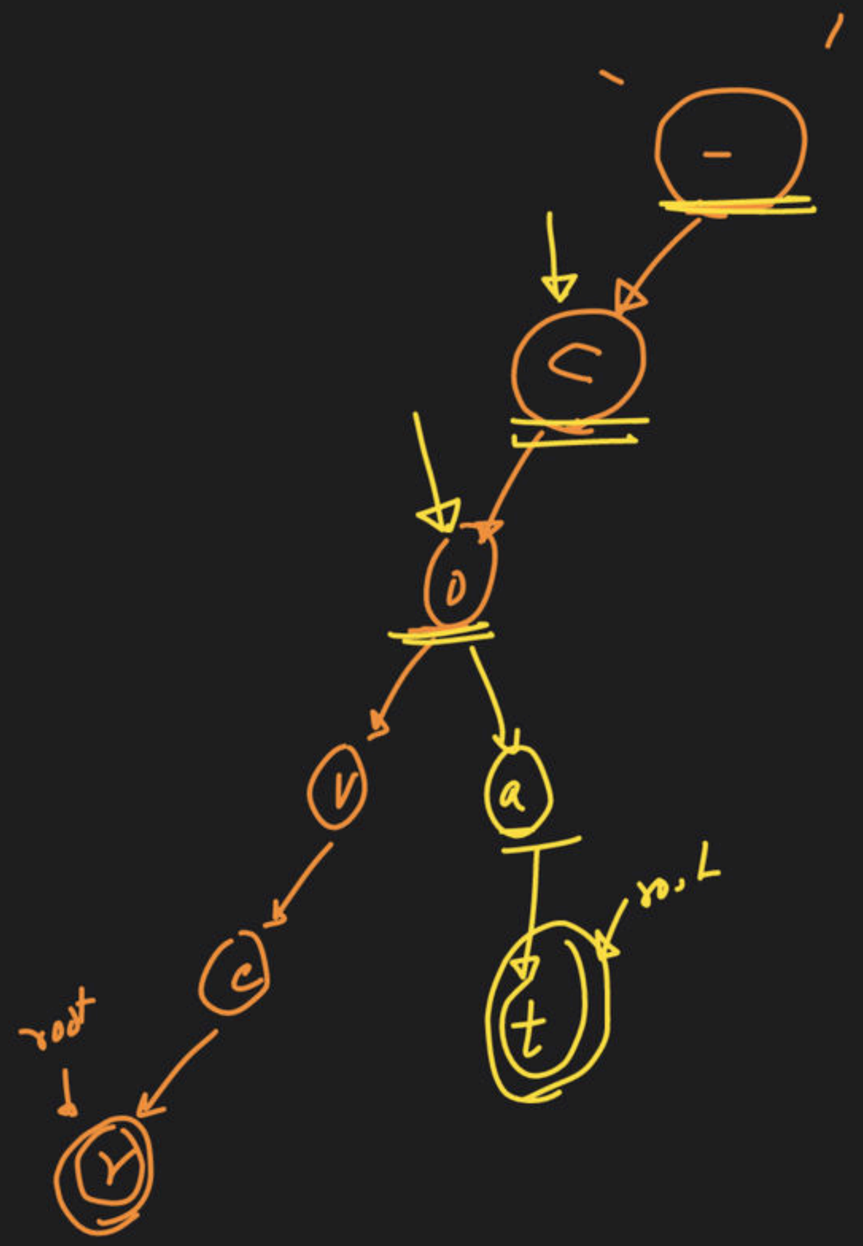
T → F

O(L)



TrieNode

- char data
- children → map <int, TrieNode*>
  - ASCII value
  - address
- bool isTerminal


-
c
o
v
a
c
t
root
Y