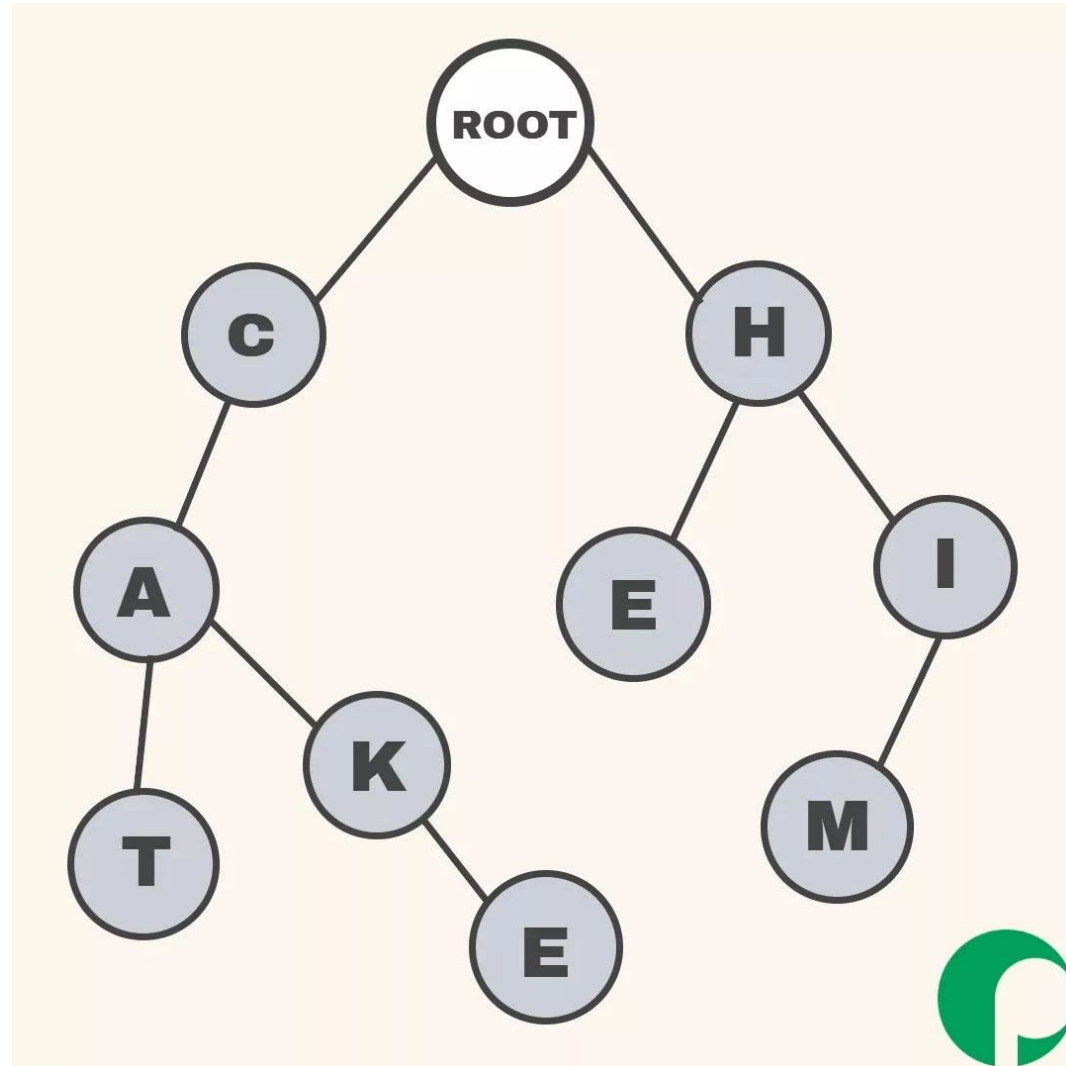


Suffix trees

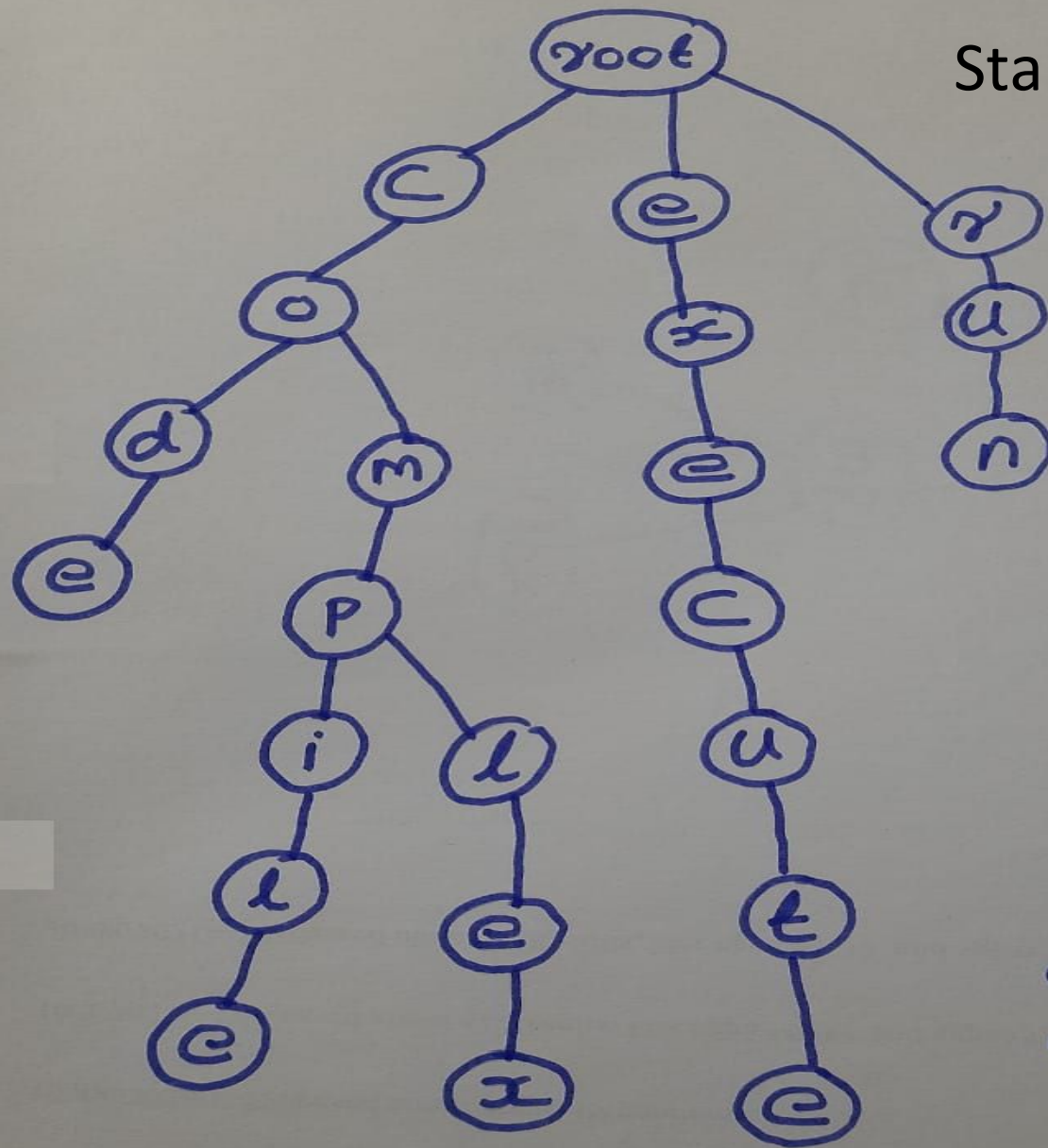
Tries: Trie is an ordered tree to maintain a set of strings



Compressed Trie:

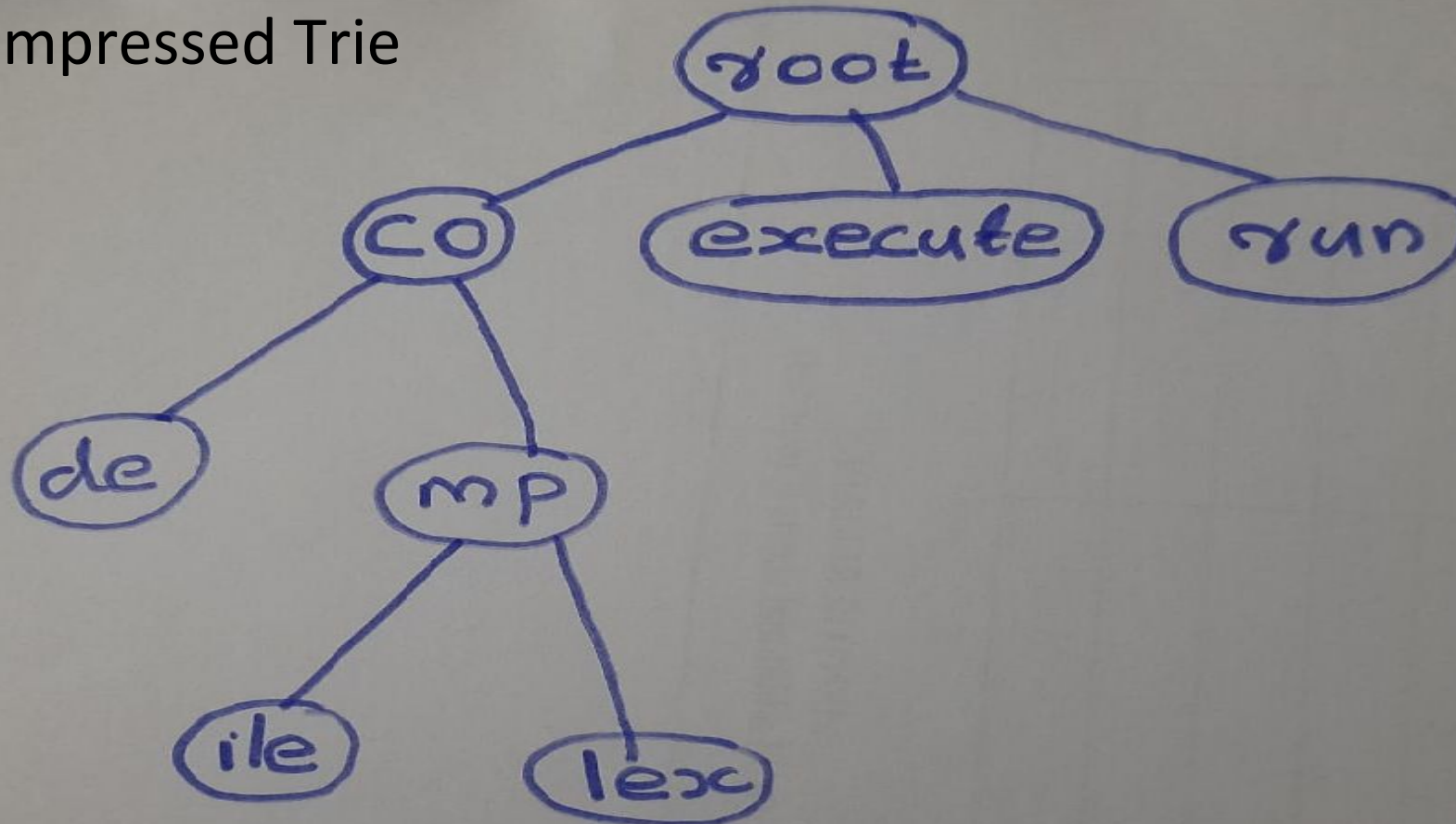
Compressed trie is a standard trie in which each and every node has at least 2 children

Standard Trie



Text
Code
Compile
Complex
execute
run

Compressed Trie



Suffix Tree:

A suffix tree is a compressed trie for all the suffixes of the text.

Suffixes of text:- acgact

t

ct

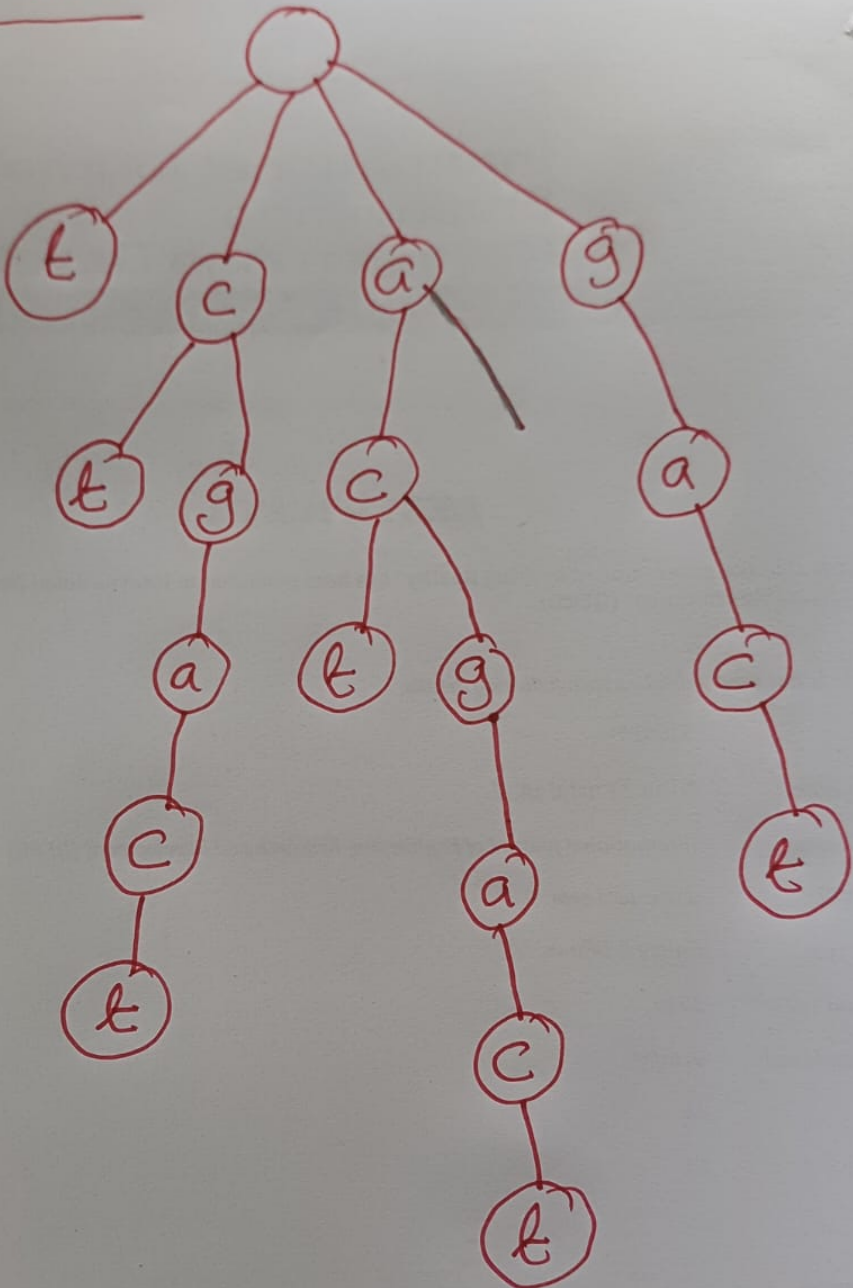
act

gact

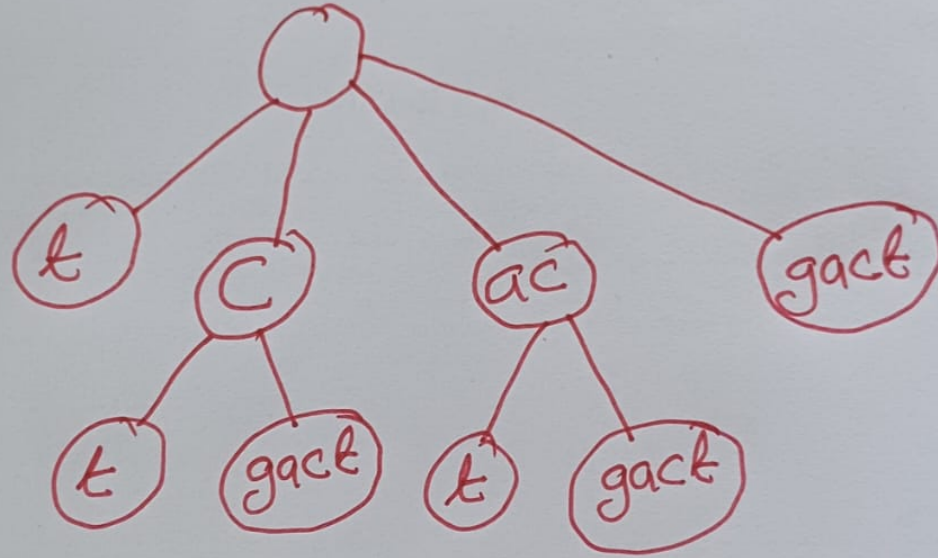
cgact

acgact

Standard tone



Compressed trie



minimize?