

* Word Ladder

W chars

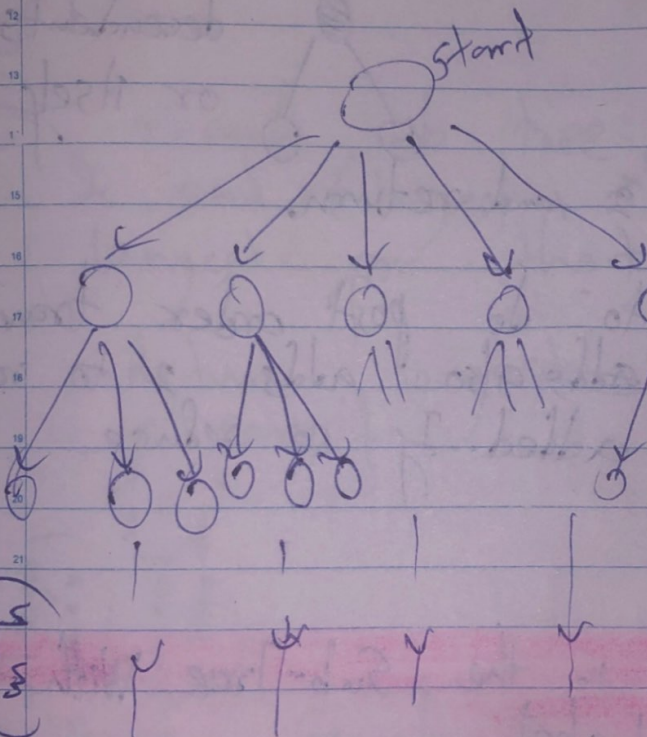
hit → hot → dot → dog → cog

↑
start

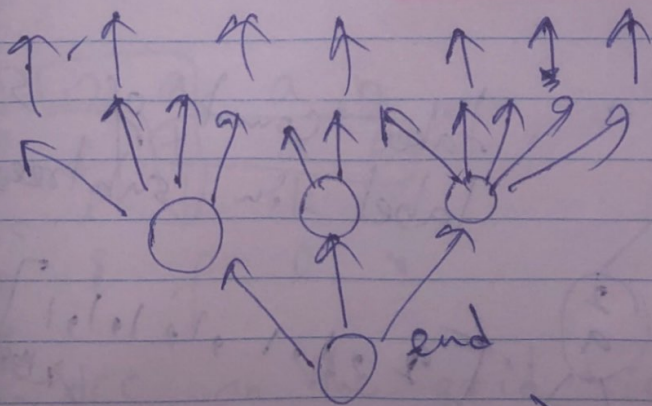
↑
end

given list of words → M elements

bfs solution → change each letter from a-z & check in list.
→ check unmatching char count.



to cut down the search space do bfs in both directions. take time & do for each side check the smallest bfs. on the other list.



near String (arr) → O(N)
↓
length

we can expand the search space more.