

Tries - stores a dictionary of words

2 options

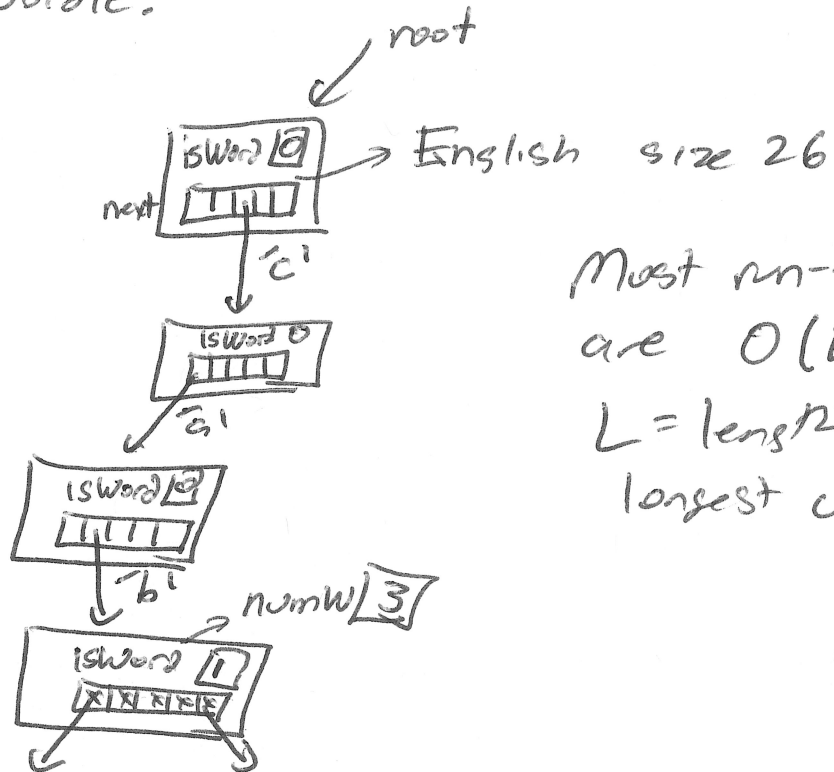
- a) usual lecture - 3 example from past final exams
- b) use tries to create a function that helps play wordle.

Prefix question

NODE

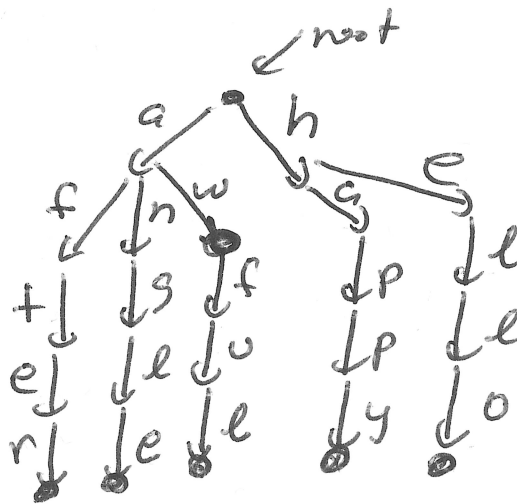
numWords

cab
 caba
 cabeda } 3



Most run-times are $O(L)$
 $L = \text{length of longest word}$

HELLO
 HAPPY
 AFTER
 ANGLE
 AWFUL

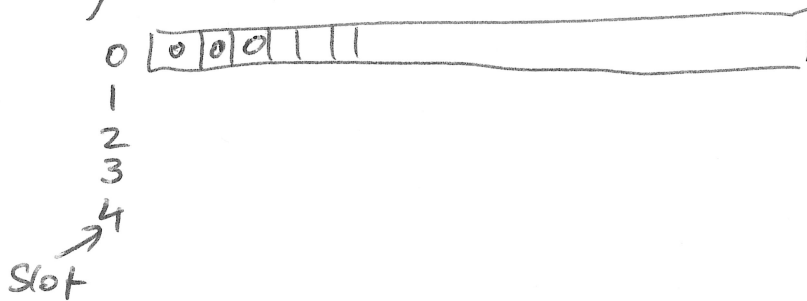


23 nodes total

Read all words but only insert words of length 5.

Info my function needs: ↓ letter

①



0 = impossible for letter
1 = possible
~~2 = correct~~

~~②~~

Support functions

clue guess + feedback

new guess and see if it's consistent

- Ⓐ Check if all greens match
- Ⓑ Check if yellows are all included but in different spots
- Ⓒ Old greys must not be included