Trie / Prehx bree

- -) characters stored in each node
- -> Each path down bree may represent a word
- -> If node us "*", indicates word us complete

(a, b, 12, #)

data structure for cary 100k up if a struct is a prefix of a valid word

look up if s is a valid prefix $\rightarrow 0(1s1)$ time

Cie) see if d path $-s - \dots$

(If have be search related

prefixes repeatedly, sometimes

pass a pood startry node

(instead to rot node))

CHECK IF MANY, MANIPULATE,

MANNER CER are prefixes --



check if a string

w a key in a

dictionary

as need to compute

hash (5) to see if in

dichonomy...

