like, mengo, men, jo nbe i, sem, sing, semsing ords.

Given a string $\bf A$ and a dictionary of n words $\bf B$, find out if A can be segmented into a space-separated sequence of dictionary words.

Note: From the dictionary **B** each word can be taken any number of times and in any order.

Example 1:

Input:

n = 12

B = { "i", "like", "sam",

"sung", "samsung", "mobile",

"ice", "cream", "icecream",

"man", "go", "mango" }

A = "ilike"

i-like-sem-sung

9:01-9:11

like Sem menjo

Design a k-steek in an array

12

Prsh 10,0

Puch 20, 1

Pws 30, 2

Pm 30, 1

Purs 56 7 1

72P.0

tob 2

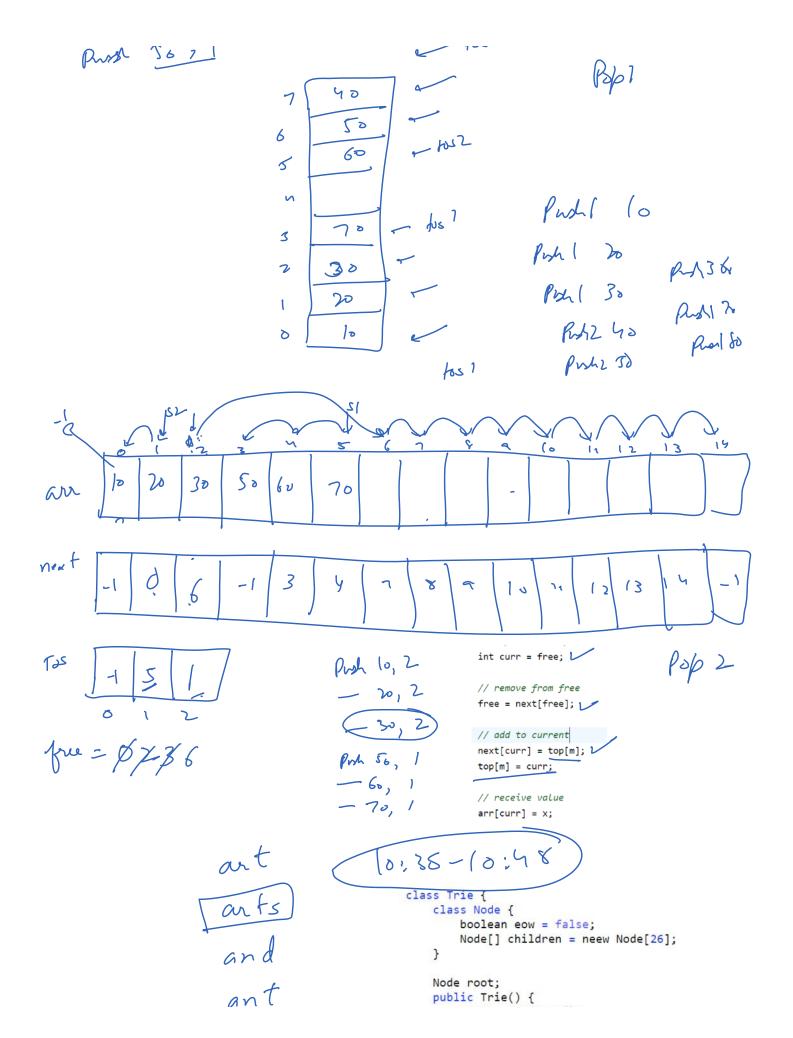
Top 1

e fos2

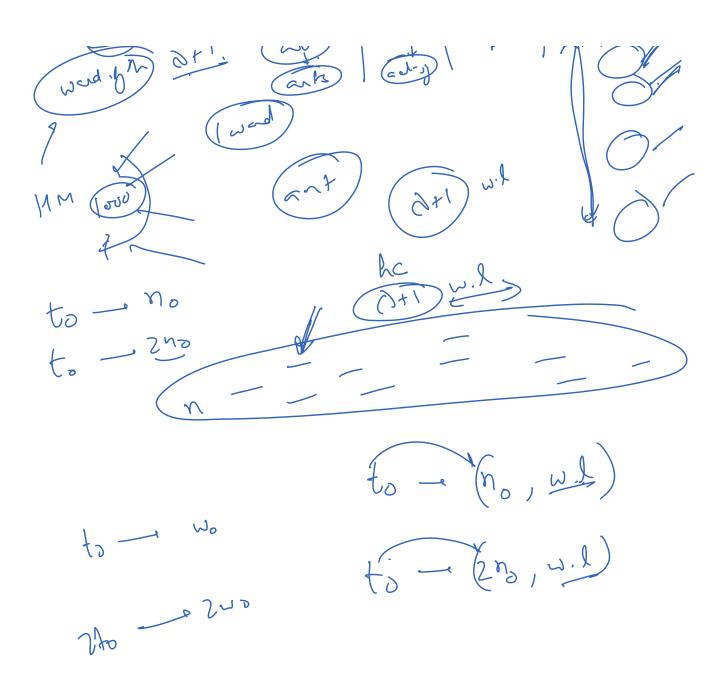
42

Pop

9:18-9:24



```
Node root;
ant
                            public Trie() {
                                root = new Node();
                            public void insert(String word) {
                                Node node = root;
                                for(char ch: word.toCharArray()){
                                   if(node.children[ch - 'a'] == null){
  node.children[ch - 'a'] = new Node();
Sea
                                   node = node.children[ch - 'a'];
                                }
se e
                                node.eow = true;
seen
                            }
                            public boolean search(String word) {
                            }
                            دلا
        do
                        N2 100 Bland
```



211. Design Add and Search Words Data Structure

Medium 🖒 5446

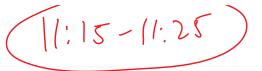
5 286

11:15-11:25

Design a data structure that supports adding new words and finding if a string matches any previously added string. Implement the WordDictionary class:

• WordDictionary() Initializes the object.

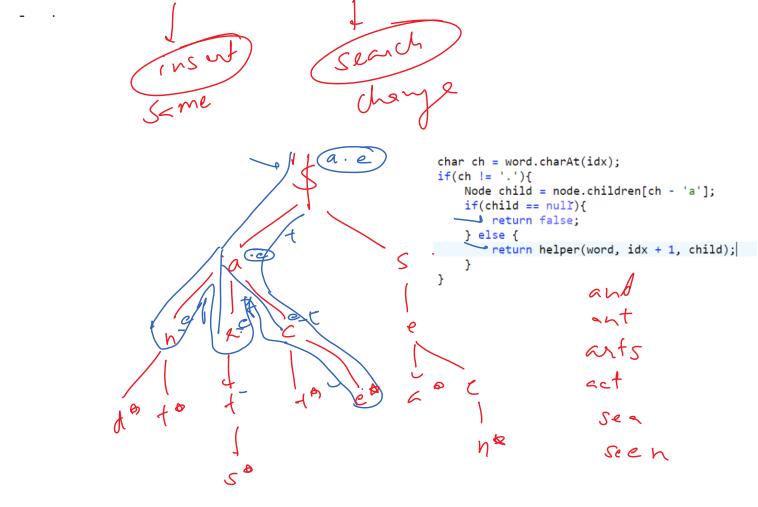
211. Design Add and Search Words Data Structure



Design a data structure that supports adding new words and finding if a string matches any previously added string.

Implement the WordDictionary class:

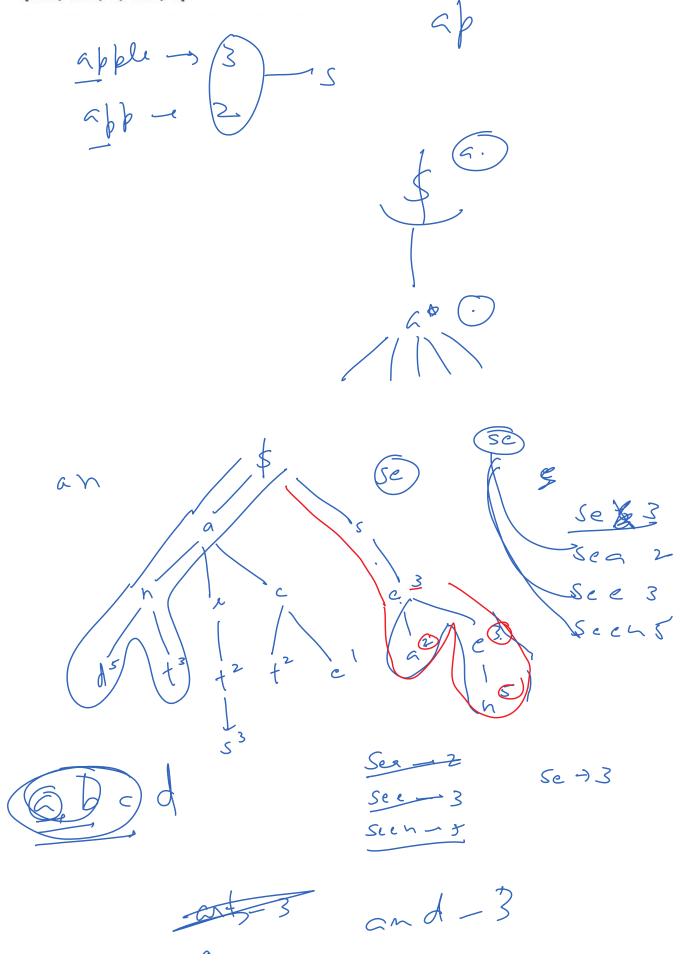
- WordDictionary() Initializes the object.
- void addWord(word) Adds word to the data structure, it can be matched later.
- bool search(word) Returns true if there is any string in the data structure that matches word or false otherwise. word may contain dots '.' where dots can be matched with any letter.



Input

["MapSum", "insert", "sum", "insert", "sum"]
[[], ["apple", 3], ["app"], ["app", 2], ["ap"]]
Output

[null, null, 3, null, 5]



Work Page 6

 $\frac{2n+5}{3}$ $\frac{n}{3}$ $\frac{n}{3}$ $\frac{n}{3}$ $\frac{n}{3}$ $\frac{n}{3}$ $\frac{n}{3}$