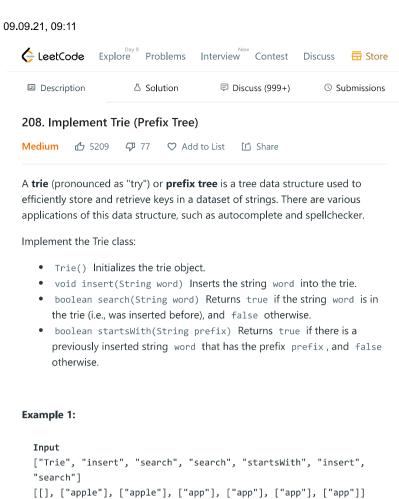
i Java

Autocomplete



Constraints:

Output

Explanation

Trie trie = new Trie(); trie.insert("apple");

trie.search("app");

trie.insert("app"); trie.search("app");

• 1 <= word.length, prefix.length <= 2000

[null, null, true, false, true, null, true]

trie.search("apple"); // return True

trie.startsWith("app"); // return True

- word and prefix consist only of lowercase English letters.
- At most 3 * 10^4 calls in total will be made to insert, search, and ${\sf startsWith}$.

// return False

// return True

```
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                       Submissions 839,072
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```
class Trie {
           /** Initialize your data structure here. */
 3 ▼
 4 ▼
          public Trie() {
 5
           /** Inserts a word into the trie. */
8 ▼
9 ▼
          public void insert(String word) {
10
11
12
           /** Returns if the word is in the trie. */
13 🔻
14 ▼
          public boolean search(String word) {
15
16
17
           /** Returns if there is any word in the trie that starts with the given prefix. */
18 🔻
19 ▼
           public boolean startsWith(String prefix) {
20
21
22
      }
23
24 •
25
       * Your Trie object will be instantiated and called as such:
       * Trie obj = new Trie();
26
       * obj.insert(word);
       * boolean param_2 = obj.search(word);
* boolean param_3 = obj.startsWith(prefix);
28
29
```

September LeetCoding Challenge 2021

i {} 5 ⊙ ∷

✗ Pick One

< Prev

3/39

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Console - Contribute i

 \equiv Problems

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