

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     class TrieNode {
5         var children: [String: Any] = [:]
6     }
7
8     class Trie {
9         var root = TrieNode()
10        let endSymbol = "*"
11
12        func insert(_ string: String) {
13            var node = root
14
15            for i in 0 ..< string.count {
16                let iStringIndex = string.index(string.startIndex, off
17                let ithCharacter = String(string[iStringIndex])
18
19                if !node.children.keys.contains(ithCharacter) {
20                    node.children[ithCharacter] = TrieNode()
21                }
22
23                let nextNode = node.children[ithCharacter] as! TrieNod
24                node = nextNode
25            }
26
27            node.children[endSymbol] = string
28        }
29    }
30
31    // O(ns + bs) time | O(ns) space
32    func multiStringSearch(_ bigString: String, _ smallStrings: [Strin
33        let trie = Trie()
```

Solution 1

Solution 2

Solution 3

```
1 class Program {
2     func multiStringSearch(_ bigString: String, _ smallStrings: [Strin
3         // Write your code here.
4         return []
5     }
6 }
7
```

Our Tests

Custom Output

Submit Code

```
1 class Program {
2     func multiStringSearch(_ bigString: String, _ smallStrings: [Strin
3         // Write your code here.
4         return []
5     }
6 }
7
```

```

18         stop_event.wait()
19     )
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```

Run or submit code when you're ready.