

Solution 1	Solution 2	Solution 3
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```

1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 using System.Collections.Generic;
4
5 public class Program {
6     // O(b^2 + ns) time | O(b^2 + n) space
7     public static List<bool> MultistringSearch(string bigstring, string
8         ModifiedSuffixTrie modifiedSuffixTrie = new ModifiedSuffixTrie(bi
9         List<bool> solution = new List<bool>());
10     foreach (string smallstring in smallstrings) {
11         solution.Add(modifiedSuffixTrie.Contains(smallstring));
12     }
13     return solution;
14 }
15
16 public class TrieNode {
17     public Dictionary<char, TrieNode> children = new Dictionary<char,
18 }
19
20 public class ModifiedSuffixTrie {
21     TrieNode root = new TrieNode();
22
23     public ModifiedSuffixTrie(string str) {
24         populateModifiedSuffixTrieFrom(str);
25     }
26
27     public void populateModifiedSuffixTrieFrom(string str) {
28         for (int i = 0; i < str.Length; i++) {
29             insertSubstringStartingAt(i, str);
30         }
31     }
32
33     public void insertSubstringStartingAt(int i, string str) {

```

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```
1 using System.Collections.Generic;
2
3 public class Program {
4     public static List<bool> MultistringSearch(string bigstring, string
5         // Write your code here.
6         return null;
7     }
8 }
9
```

Run or submit code when you're ready.