Our Solution(s)   Run Code

Solution 1   Solution 2   Solution 3

```java
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import java.util.*;

class Program {
  // O(b^2 + ns) time | O(b^2 + n) space
  public static List<Boolean> multiStringSearch(String bigString, Str
    ModifiedSuffixTrie modifiedSuffixTrie = new ModifiedSuffixTrie(bi
    List<Boolean> solution = new ArrayList<Boolean>();
    for (String smallString : smallStrings) {
      solution.add(modifiedSuffixTrie.contains(smallString));
    }
    return solution;
  }

  static class TrieNode {
    Map<Character, TrieNode> children = new HashMap<Character, TrieNod
  }

  static class ModifiedSuffixTrie {
    TrieNode root = new TrieNode();

    public ModifiedSuffixTrie(String str) {
      populateModifiedSuffixTrieFrom(str);
    }

    public void populateModifiedSuffixTrieFrom(String str) {
      for (int i = 0; i < str.length(); i++) {
        insertSubstringStartingAt(i, str);
      }
    }

    public void insertSubstringStartingAt(int i, String str) {
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

```java
import java.util.*;

class Program {
  public static List<Boolean> multiStringSearch(String bigString, Stri
    // Write your code here.
    return null;
  }
}
```

Our Tests

Custom Output   Submit Code

```java
import java.util.*;
```

Run or submit code when you're ready.