Our Solution(s) Run Code

Solution 1 Solution 2 Solution 3

```go
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package main

// O(b^2 + ns) time | O(b^2 + n) space
func MultiStringSearch(bigString string, smallStrings []string) []boo
  trie := NewTrie(bigString)
  output := make([]bool, len(smallStrings))
  for i, smallString := range smallStrings {
    output[i] = trie.Contains(smallString)
  }
  return output
}

type ModifiedSuffixTrie map[byte]ModifiedSuffixTrie

func NewTrie(str string) ModifiedSuffixTrie {
  trie := ModifiedSuffixTrie{}
  for i := range str {
    trie.Add(str, i)
  }
  return trie
}

func (trie ModifiedSuffixTrie) Add(str string, startIndex int) {
  node := trie
  for j := startIndex; j < len(str); j++ {
    letter := str[j]
    if _, found := node[letter]; !found {
      node[letter] = ModifiedSuffixTrie{}
    }
    node = node[letter]
  }
```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```go
package main

func MultiStringSearch(bigString string, smallStrings []string) []bool
  // Write your code here.
  return nil
}

```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.