
DSC 190 - Discussion 07

Problem 1.

Draw a trie representing the following collection of strings:

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{"friend", "frog", "frob", "fun", "glob", "glarb", "glow", "guard"}
```

Problem 2.

Draw the suffix tree for the following strings:

a) "mississippi"

b) "aaaa"

Problem 3.

You are given an input string and a dictionary of words, find out if the input string can be segmented into a space-separated sequence of dictionary words using a Trie. Consider the following examples:

Example 1:

Input: s = "applepenapple", wordDict = ["apple", "pen"]

Output: true

Example 2:

Input: s = "catsanddog", wordDict = ["cats", "dog", "sand", "and", "cat"]

Output: false