Run Code

Our Solution(s)

Solution 1

Run Code

```
Your Solutions
```

Solution 1 Solution 2

```
package main

func PatternMatcher(pattern, str string) []string {
    // Write your code here.
    return nil
}
```

Solution 3

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   package main
   import "strings"
   type counts struct {
9
     y int
10 }
11
12 // O(n^2 + m) time | O(n + m) space
13
   func PatternMatcher(pattern string, str string) []string {
     if len(pattern) > len(str) {
14
       return []string{}
16
17
     pattern, switched := getNewPattern(pattern)
     count, firstY := getCountsAndFirstYPos(pattern)
18
19
     if count.y != 0 {
20
       for lenx := 1; lenx < len(str); lenx++ {</pre>
21
          totalLeny := len(str) - lenx*count.x
22
          if len(str) <= lenx*count.x || totalLeny%count.y != 0 {</pre>
23
           continue
25
         leny := totalLeny / count.y
26
         yindex := firstY * lenx
27
          x, y := str[:lenx], str[yindex:yindex+leny]
          potentialMatch := doReplace(pattern, x, y, count)
28
29
          if str == potentialMatch {
30
           if !switched {
31
             return []string{x, y}
32
33
            return []string{y, x}
```

Run or submit code when you're ready.

Section 1 Company V. VI

market in Contract (No. 10)