

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(n^3) time | O(n^2) space
5     func palindromePartitioingMinCuts(_ string: String) -> Int {
6         var palindromes = string.map { _ in Array(repeating: false, count: string.count)}
7
8         for i in 0 ..< string.count {
9             for j in i ..< string.count {
10                 let leftIndex = string.index(string.startIndex, offsetBy: i)
11                 let rightIndex = string.index(string.startIndex, offsetBy: j + 1)
12                 let subString = String(string[leftIndex ... rightIndex])
13
14                 palindromes[i][j] = isPalindrome(subString)
15             }
16         }
17
18         var cuts = Array(repeating: Int.max, count: string.count)
19
20         for i in 0 ..< string.count {
21             if palindromes[0][i] {
22                 cuts[i] = 0
23             } else {
24                 cuts[i] = cuts[i - 1] + 1
25
26                 for j in 1 ..< i {
27                     if palindromes[j][i], cuts[j - 1] + 1 < cuts[i] {
28                         cuts[i] = cuts[j - 1] + 1
29                     }
30                 }
31             }
32         }
33     }
34 }
```

Solution 1

Solution 2

Solution 3

```
1 class Program {
2     func palindromePartitioingMinCuts(_ string: String) -> Int {
3         // Write your code here.
4         return -1
5     }
6 }
7
```

Our Tests

Custom Output

Submit Code

```
1 class Program {
2     func palindromePartitioingMinCuts(_ string: String) -> Int {
3         // Write your code here.
4         return -1
5     }
6 }
```

```
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28                         cuts[i] = cuts[j - 1] + 1
29                     }
30                 }
31             }
32         }
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34 }
```

Run or submit code when you're ready.