

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1	Solution 2	Solution 1	Solution 2	Solution 3
<pre>1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved. 2 3 class Program { 4 // O(n^2) 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 palindromes[i][i] = true 10 } 11 12 for length in stride(from: 2, through: string.count, by: 1) { 13 for i in stride(from: 0, through: string.count - length, by: 1) { 14 let j = i + length - 1 15 16 let iStringIndex = string.index(string.startIndex, offsetBy: i) 17 let jStringIndex = string.index(string.startIndex, offsetBy: j) 18 19 if length == 2, string[iStringIndex] == string[jStringIndex] { 20 palindromes[i][j] = true 21 } else if palindromes[i + 1][j - 1], string[iStringIndex] == string[jStringIndex] { 22 palindromes[i][j] = true 23 } 24 } 25 } 26 27 var cuts = Array(repeating: Int.max, count: string.count) 28 29 for i in 0 ..< string.count { 30 if palindromes[0][i] { 31 cuts[i] = 0 32 } else { 33 cuts[i] = cuts[i - 1] + 1 34 } 35 } 36 37 return cuts[string.count - 1] 38 } 39}</pre>		<pre>1 class Program { 2 func palindromePartitioingMinCuts(_ string: String) -> Int { 3 // Write your code here. 4 return -1 5 } 6 } 7</pre>		

Our Tests

Custom Output

Submit Code

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

Run or submit code when you're ready.