

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1

Solution 2

```
1 # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
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3 # O(n^2) time | O(n^2) space
4 def palindromePartitioningMinCuts(string):
5     palindromes = [[False for i in string] for j in string]
6     for i in range(len(string)):
7         palindromes[i][i] = True
8     for length in range(2, len(string) + 1):
9         for i in range(0, len(string) - length + 1):
10             j = i + length - 1
11             if length == 2:
12                 palindromes[i][j] = string[i] == string[j]
13             else:
14                 palindromes[i][j] = string[i] == string[j] and palindromes[i + 1][j - 1]
15     cuts = [float("inf") for i in string]
16     for i in range(len(string)):
17         if palindromes[0][i]:
18             cuts[i] = 0
19         else:
20             cuts[i] = cuts[i - 1] + 1
21             for j in range(1, i):
22                 if palindromes[j][i] and cuts[j - 1] + 1 < cuts[i]:
23                     cuts[i] = cuts[j - 1] + 1
24     return cuts[-1]
```

Solution 1

Solution 2

Solution 3

```
1 def palindromePartitioningMinCuts(string):
2     # Write your code here.
3     pass
4
```

Our Tests

Custom Output

Submit Code

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