Our Solution(s)   Run Code

Solution 1   Solution 2

```python
1  # Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3  # O(n^3) 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          for j in range(i, len(string)):
8              palindromes[i][j] = isPalindrome(string[i : j + 1])
9      cuts = [float("inf") for i in string]
10     for i in range(len(string)):
11         if palindromes[0][i]:
12             cuts[i] = 0
13         else:
14             cuts[i] = cuts[i - 1] + 1
15             for j in range(1, i):
16                 if palindromes[j][i] and cuts[j - 1] + 1 < cuts[i]:
17                     cuts[i] = cuts[j - 1] + 1
18     return cuts[-1]
19
20
21 def isPalindrome(string):
22     leftIdx = 0
23     rightIdx = len(string) - 1
24     while leftIdx < rightIdx:
25         if string[leftIdx] != string[rightIdx]:
26             return False
27         leftIdx += 1
28         rightIdx -= 1
29     return True
30
```

Your Solutions   Run Code

Solution 1   Solution 2   Solution 3

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

Our Tests

Custom Output   Submit Code

Run or submit code when you're ready.