

Our Solution(s)

Run Code

Your Solutions

Run Code

Solution 1Solution 2

```
1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 // O(n^3) time | O(1) space
4 function longestPalindromicSubstring(string) {
5   let longest = '';
6   for (let i = 0; i < string.length; i++) {
7     for (let j = i; j < string.length; j++) {
8       const substring = string.slice(i, j + 1);
9       if (substring.length > longest.length && isPalindrome(substring)) {
10         longest = substring;
11       }
12     }
13   }
14   return longest;
15 }
16
17 function isPalindrome(string) {
18   let leftIdx = 0;
19   let rightIdx = string.length - 1;
20   while (leftIdx < rightIdx) {
21     if (string[leftIdx] !== string[rightIdx]) return false;
22     leftIdx++;
23     rightIdx--;
24   }
25   return true;
26 }
27
28 exports.longestPalindromicSubstring = longestPalindromicSubstring;
29
```

Solution 1Solution 2Solution 3

```
1 function longestPalindromicSubstring(string) {
2   // Write your code here.
3 }
4
5 // Do not edit the line below.
6 exports.longestPalindromicSubstring = longestPalindromicSubstring;
7
```

Run or submit code when you're ready.