Our Solution(s)

Run Code

```
Your Solutions
```

Run Code

```
Solution 1
             Solution 2
 1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
   #include <vector>
4 using namespace std;
6 vector<int> getLongestPalindromeFrom(string str, int leftIdx, i)
8 // O(n^2) time | O(1) space
9 string longestPalindromicSubstring(string str) {
10
     vector<int> currentLongest{0, 1};
11
     for (int i = 1; i < str.length(); i++) {</pre>
12
       vector<int> odd = getLongestPalindromeFrom(str, i - 1, i + :
       vector<int> even = getLongestPalindromeFrom(str, i - 1, i);
13
14
       vector<int> longest = odd[1] - odd[0] > even[1] - even[0] ?
15
       currentLongest =
16
           currentLongest[1] - currentLongest[0] > longest[1] - lor
17
                ? currentLongest
18
                : longest;
19
20
     return str.substr(currentLongest[0], currentLongest[1] - curre
21 }
23 vector<int> getLongestPalindromeFrom(string str, int leftIdx, in
     while (leftIdx >= 0 && rightIdx < str.length()) {</pre>
24
25
       if (str[leftIdx] != str[rightIdx]) {
         break;
26
27
28
       leftIdx--;
29
       rightIdx++;
30
31
     return vector<int>{leftIdx + 1, rightIdx};
32 }
33
```

```
Solution 1    Solution 2    Solution 3

1    using namespace std;
2
3    string longestPalindromicSubstring(string str) {
        // Write your code here.
        return "";
6    }
7
```

