

Our Solution(s)		Run Code
Solution 1	Solution 2	
<pre>1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved. 2 3 class Program { 4 // O(n^2) time O(1) space 5 public static String longestPalindromicSubstring(String str) { 6 int[] currentLongest = {0, 1}; 7 for (int i = 1; i < str.length(); i++) { 8 int[] odd = getLongestPalindromeFrom(str, i - 1, i + 1); 9 int[] even = getLongestPalindromeFrom(str, i - 1, i); 10 int[] longest = odd[1] - odd[0] > even[1] - even[0] ? odd 11 : currentLongest = 12 currentLongest[1] - currentLongest[0] > longest[1] - longest[0] 13 ? currentLongest 14 : longest; 15 } 16 return str.substring(currentLongest[0], currentLongest[1]); 17 } 18 19 public static int[] getLongestPalindromeFrom(String str, int leftIdx, int rightIdx) { 20 while (leftIdx >= 0 && rightIdx < str.length()) { 21 if (str.charAt(leftIdx) != str.charAt(rightIdx)) { 22 break; 23 } 24 leftIdx--; 25 rightIdx++; 26 } 27 return new int[] {leftIdx + 1, rightIdx}; 28 } 29 } 30</pre>		

Your Solutions			Run Code
Solution 1	Solution 2	Solution 3	
<pre>1 class Program { 2 public static String longestPalindromicSubstring(String str) { 3 // Write your code here. 4 return ""; 5 } 6 } 7</pre>			

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Run or submit code when you're ready.