Prompt   Scratchpad   Our Solution(s)   Video Explanation   Run Code

Solution 1   Solution 2

Solution 1   Solution 2   Solution 3

```csharp
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public class Program {
  // O(n^3) time | O(1) space
  public static string LongestPalindromicSubstring(string str) {
    string longest = "";
    for (int i = 0; i < str.Length; i++) {
      for (int j = i; j < str.Length; j++) {
        string substring = str.Substring(i, j + 1 - i);
        if (substring.Length > longest.Length && IsPalindrome(substring)) {
          longest = substring;
        }
      }
    }
    return longest;
  }

  public static bool IsPalindrome(string str) {
    int leftIdx = 0;
    int rightIdx = str.Length - 1;
    while (leftIdx < rightIdx) {
      if (str[leftIdx] != str[rightIdx]) {
        return false;
      }
      leftIdx++;
      rightIdx--;
    }
    return true;
  }
}
```

```csharp
public class Program {
  public static string LongestPalindromicSubstring(string str) {
    // Write your code here.
    return null;
  }
}
```

Custom Output   Raw Output   Submit Code

Run or submit code when you're ready.