

回文序列：516. 最长回文子序列

代码：

```
1  class Solution {
2  public:
3      int longestPalindromeSubseq(string s) {
4          int n = s.size();
5          vector<vector<int>> dp(n, vector<int>(n));
6
7
8          for (int i = n - 1; i >= 0; i--) {
9              dp[i][i] = 1;
10             for (int j = i + 1; j < n; j++) {
11                 if(s[i] == s[j])
12                     {
13                         dp[i][j] = dp[i+1][j-1] + 2;
14
15                     }
16                 else
17                     {
18                         dp[i][j] = max(dp[i+1][j], dp[i][j-1]);
19                     }
20             }
21         }
22         return dp[0][n-1];
23     }
24 };
```