

1. dfs.  $O(3^n)$ .
2. bitmask DP, let  $f[i]$  denote the longest palindrome contained in bitmask  $i$ .  $O(2^n)$ .
3.  $O^*(2^{n/2})$ , or  $O^*(2^{0.472n})$ . see my article <https://leetcode-cn.com/problems/maximum-product-of-two-length-of-two-palindromic-subsequences/solution/bi-o2ngeng-kuai-de-yi-xie-zuo-fa-by-hqzt-lg2f/>.

## Maximum Product of the Length of Two Palindromic Subsequences

### Submission Detail

226 / 226 test cases passed.

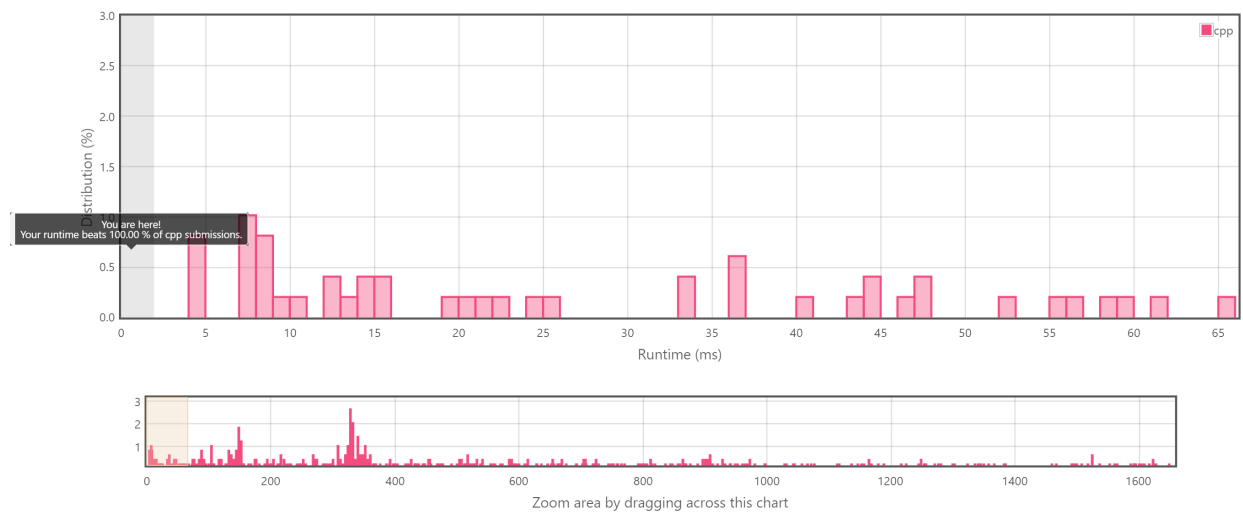
Runtime: 0 ms

Memory Usage: 6.1 MB

Status: **Accepted**

Submitted: 0 minutes ago

### Accepted Solutions Runtime Distribution



- Remark. 1. Is there a polynomial time algorithm?
2. Can we use meet in the middle?

## References