

Longest Palindromic Substring (/problems/longest-palindromic-substring/)

Submission Detail

103 / 103 test cases passed.

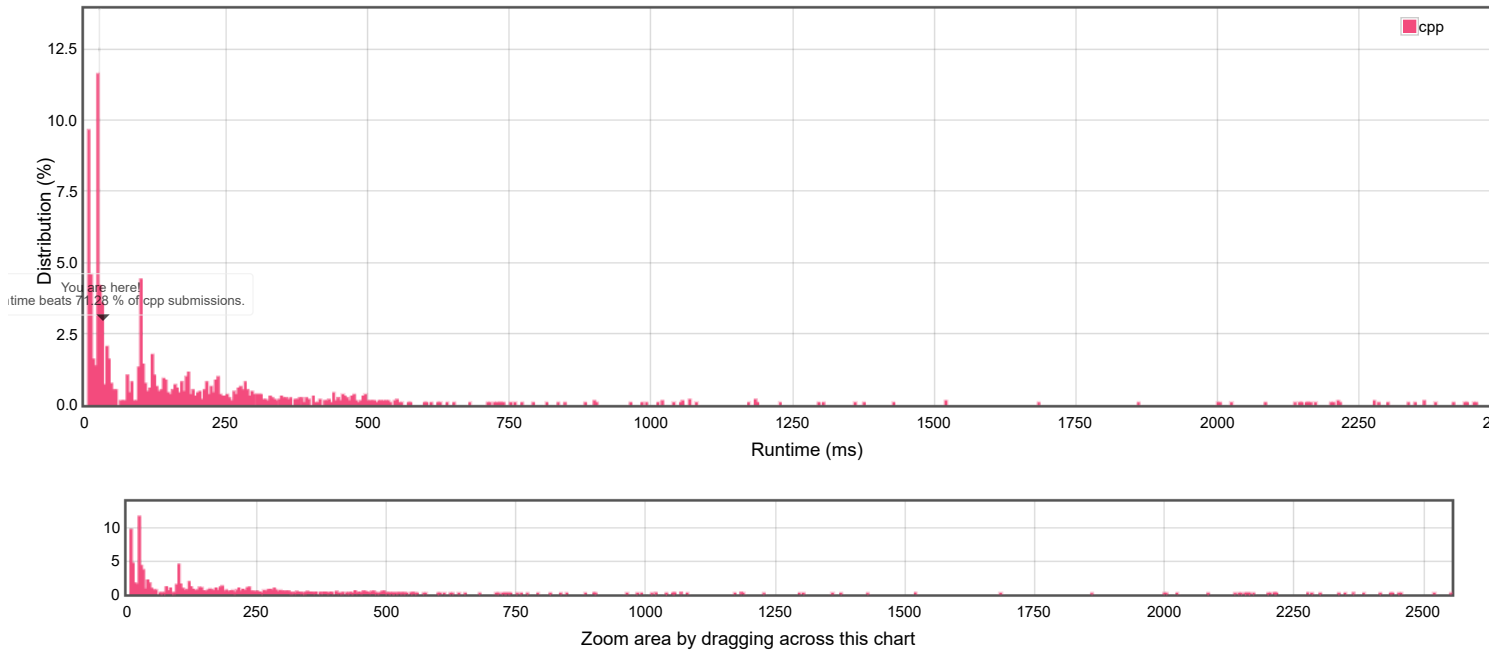
Runtime: 28 ms

Memory Usage: 13.2 MB

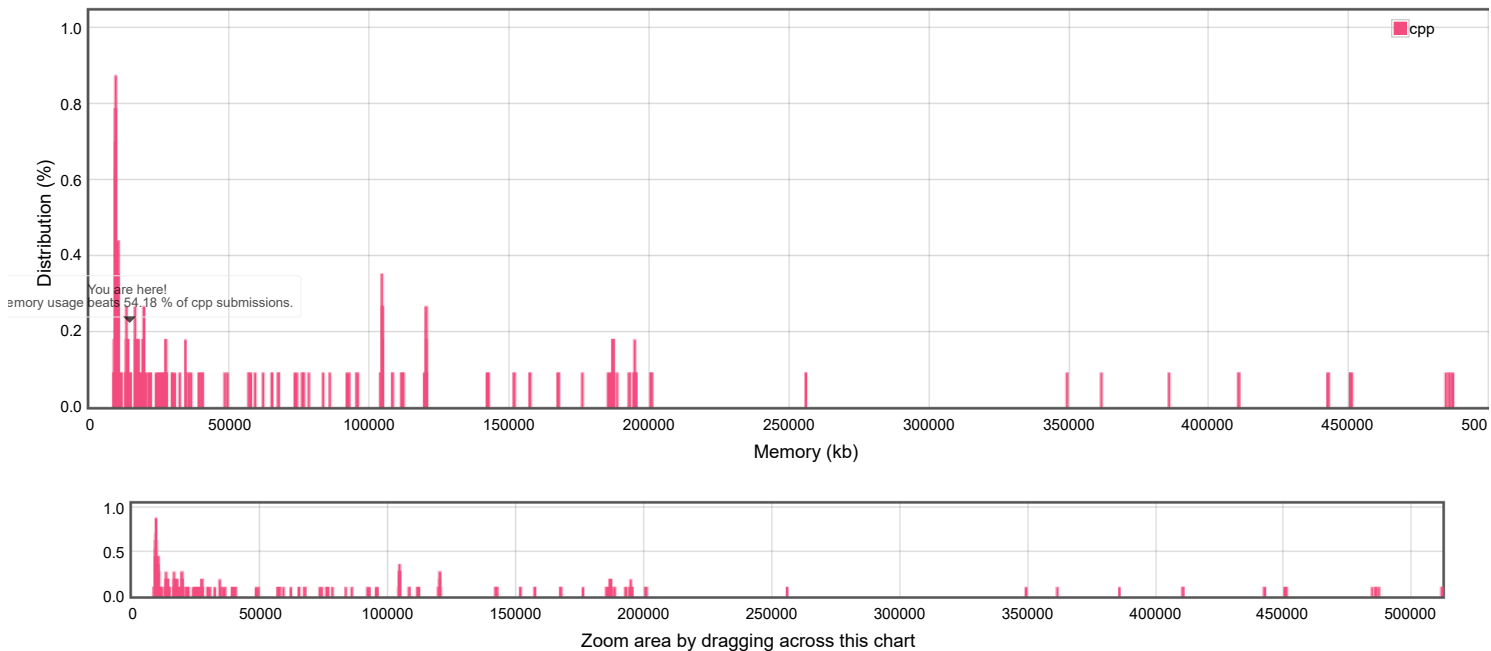
Status: Accepted

Submitted: 0 minutes ago

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge Longest Palindromic Substring

Submitted Code: 0 minutes ago


Language: cpp

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```
1 class Solution {
2 public:
3     string longestPalindrome(string s) {
4         int length=s.length();
5         int count=1;
6         string result = s.substr(0,1);
7         for(int i=0; i<length; i++)
8         {
9             int j=i;
10            int k=i+1;
11            int temp=0;
12            while(j>=0 && k<length)
13            {
14                if(s[j]!=s[k])
15                {
16                    break;
17                }
18                else
19                {
20                    temp=temp+2;
21                }
22                j--;
23                k++;
24            }
25
26            if(temp>count)
27            {
28                count=temp;
29                result=s.substr(j+1,temp);
30            }
31
32            if(i>0 && i+1<length && s[i-1]==s[i+1])
33            {
34                j=i-1;
35                k=i+1;
36                temp=1;
37
38                while(j>=0 && k<length)
39                {
40                    if(s[j]!=s[k])
41                    {
42                        break;
43                    }
44                    else
45                    {
46                        temp=temp+2;
47                    }
48                    j--;
49                    k++;
50                }
51
52                if(temp>count)
53                {
54                    count=temp;
55                    result=s.substr(j+1,temp);
56                }
57            }
58        }
59        return result;
60    }
61 };
```

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