PREPARE ^NEW   CERTIFY   COMPETE
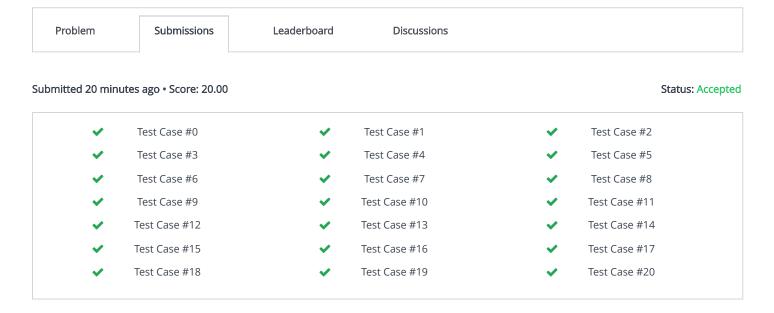
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Make Palindrome

Problem	Submissions	Leaderboard	Discussions

Submitted 20 minutes ago • Score: 20.00   Status: Accepted

✔ Test Case #0	✔ Test Case #1	✔ Test Case #2
✔ Test Case #3	✔ Test Case #4	✔ Test Case #5
✔ Test Case #6	✔ Test Case #7	✔ Test Case #8
✔ Test Case #9	✔ Test Case #10	✔ Test Case #11
✔ Test Case #12	✔ Test Case #13	✔ Test Case #14
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✔ Test Case #18	✔ Test Case #19	✔ Test Case #20

Submitted Code

Language: C++20   ⑂ Open in editor

```
1  #include <bits/stdc++.h>
2  using namespace std;
3
4  int main()
5  {
6      int t;
7      cin >> t;
8      while (t--)
9      {
10         string a;
11         cin >> a;
12
13         string b = a;
14         // cout<<a <<endl;
15         // cout<<b <<endl;
16
17         reverse(b.begin(), b.end());
18
19         // ekhon lcs chalabo
20         int n = a.size();
21         int m = b.size();
22
23         int dp[n + 1][m + 1];
24
25         for (int i = 0; i <= n; i++)
26         {
27             for (int j = 0; j <= m; j++)
```

```
 28            {
 29                if (i == 0 or j == 0)
 30                {
 31                    dp[i][j] = 0;
 32                }
 33            }
 34        }
 35
 36
 37        for (int i = 1; i <= n; i++)
 38        {
 39            for (int j = 1; j <= m; j++)
 40            {
 41                if (a[i - 1] == b[j - 1])
 42                {
 43                    dp[i][j] = dp[i - 1][j - 1] + 1;
 44                }
 45
 46                else
 47                {
 48                    dp[i][j] = max(dp[i - 1][j], dp[i][j - 1]);
 49                }
 50            }
 51        }
 52
 53        cout << a.size() - dp[n][m] << endl;
 54    }
 55
 56    return 0;
 57 }
```