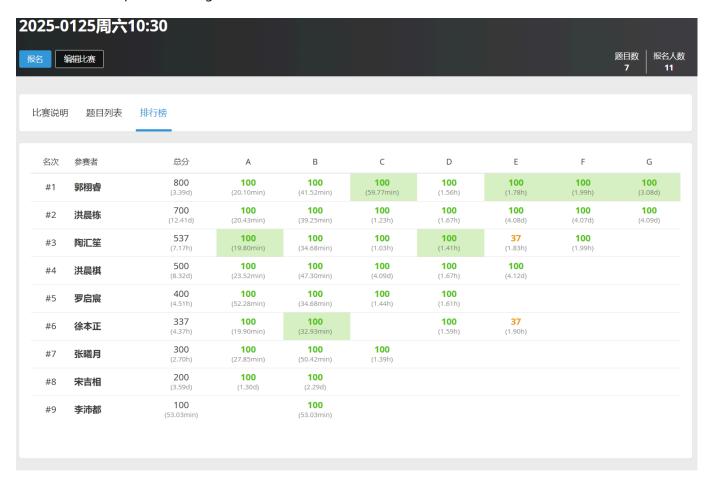
palindrome

人员

郭栩睿、洪晨栋、洪晨棋、徐本正、李沛都、陶汇笙、罗启宸、崔宸赫、张昱霖、邹忆航 到课

作业检查

上周作业链接: https://www.luogu.com.cn/contest/228186



作业

https://www.luogu.com.cn/contest/229689 (课上讲了 A~C 3 个题, 课后作业是 D 题)

课堂表现

今天的题目整体比较难,有一部分课上做题做的不太好,课下要好好补题。

课上做题表现比较好的同学有洪晨栋、郭栩睿2位同学,对这2位同学提出表扬!!

课堂内容

AT_abc225_c Calendar Validator

```
#include<bits/stdc++.h>
using namespace std;
const int k=1e4+10;
int a[k][10];
int main()
{
    ios::sync_with_stdio(false);
    cin.tie(0),cout.tie(0);
    int n,m;cin>>n>>m;
    for(int i=1;i<=n;++i)
        for(int j=1;j<=m;++j)</pre>
             cin>>a[i][j];
        }
    }
    if ((a[1][1]-1)/7 != (a[1][m]-1)/7) {
        cout << "No";</pre>
        return 0;
    }
    for(int i=1;i<=n;++i)</pre>
        for(int j=2; j <= m; ++j)
        if(a[i][j]!=a[i][j-1]+1)
             cout<<"No";</pre>
             return 0;
         }
    }
    for (int i = 2; i <= n; i++) {
         for (int j = 1; j <= m; j++) {
             if (a[i][j] != a[i-1][j]+7) {
                 cout << "No";</pre>
                 return 0;
             }
         }
    }
    cout<<"Yes";</pre>
    return 0;
}
```

U516880 palindrome

```
#include <bits/stdc++.h>
using namespace std;
```

```
typedef long long LL;
int calc(string t) { // 计算把 t 改成回文需要改几个字母
    int cnt = 0;
    for (int i = 0, j = t.size()-1; i < j; i++, j--) {
        if (t[i] != t[j]) cnt++;
    return cnt;
}
int main()
{
    LL n, a, b; cin >> n >> a >> b;
    string s; cin >> s;
    LL minn = 1e18;
    for (int i = 0; i < n; i++) {
        string t = s.substr(i) + s.substr(0, i);
        int len = calc(t);
        long long c = i*a + len*b;
        minn = min(minn, c);
    }
    cout << minn << endl;</pre>
    return 0;
}
```

U516885 string

```
#include <bits/stdc++.h>
using namespace std;
int main()
{
    int T; cin >> T;
    for (int k = 1; k <= T; k++) {
        string s; cin >> s;
        int cnt0 = 0, cnt1 = 0, n = s.size();
        for (int i = 0; i < n; i++) {
            if (s[i] == '0') cnt0++;
            else cnt1++;
        }
        int sum = 0;
        for (int i = 0; i < n; i++) {
            if (s[i] == '0') cnt1--;
            else cnt0--;
            if (cnt0<0 || cnt1<0) break;
            sum++;
        }
```

```
cout << n - sum << endl;
}
return 0;
}</pre>
```