多项式输出

人员

郭栩睿、洪晨栋、洪晨棋、陶汇笙、邹忆航、张曦月、崔宸赫、王恩泽、宋吉相、张昱霖 到课, 罗启宸 线上

作业检查

上周作业链接: https://www.luogu.com.cn/contest/233447

2025-0301周六10:30

报名　编辑比赛

题目数 **4** ｜ 报名人数 **13**

比赛说明　题目列表　**排行榜**

名次	参赛者	总分	A	B	C	D
#1	陶汇笙	400 (11.79h)	100 (36.03min)	100 (1.29h)	100 (2.07h)	100 (7.83h)
#2	宋吉相	400 (3.28d)	100 (1.20h)	100 (1.06d)	100 (1.08d)	100 (1.09d)
#3	洪晨栋	400 (3.58d)	100 (38.35min)	100 (38.63min)	100 (1.67h)	100 (3.46d)
#4	洪晨棋	400 (13.05d)	100 (1.85h)	100 (6.43d)	100 (2.28h)	100 (6.45d)
#5	邹忆航	380 (19.55d)	100 (1.36h)	100 (6.48d)	100 (6.49d)	80 (6.52d)
#6	王恩泽	370 (6.94d)	100 (55.47min)	100 (3.43d)	70 (1.94h)	100 (3.39d)
#7	郭栩睿	245 (7.04d)	100 (40.87min)	45 (6.94d)	100 (1.95h)	
#8	崔宸赫	205 (4.64d)	100 (54.98min)	5 (1.36h)	100 (2.37h)	
#9	张昱霖	100 (53.60min)	100 (53.60min)			
#10	罗启宸	100 (1.37h)	100 (1.37h)			
#11	张曦月	90 (1.48h)	90 (1.48h)			

作业

https://www.luogu.com.cn/contest/234727 (课上讲了 A~C 这些题, 课后作业是 D 题)

课堂表现

今天的 B 题不是很难，但是情况很多, 很难一次做对, 同学们课下要再好好复习一下这道题。

课堂内容

P1042 [NOIP 2003 普及组] 乒乓球

```
#include <bits/stdc++.h>
```

```cpp
using namespace std;

void solve(string s, int k) {
    int sum1 = 0, sum2 = 0, n = s.size();
    for (int i = 0; i < n; i++) {
        if (s[i] == 'W') sum1++;
        else sum2++;

        if (max(sum1,sum2)>=k && abs(sum1-sum2)>=2) {
            cout << sum1 << ":" << sum2 << endl;
            sum1 = 0, sum2 = 0;
        }
    }
    cout << sum1 << ":" << sum2 << endl;
}

int main()
{
    string a, s;
    while (cin >> a) s += a;

    s = s.substr(0, s.find('E'));

    solve(s, 11);
    cout << endl;
    solve(s, 21);
    return 0;
}
```

B3654 [语言月赛202208] 影子字符串

```cpp
#include <bits/stdc++.h>

using namespace std;

string s[505];

int main()
{
    int n = 1;
    while (true) {
        cin >> s[n];
        if (s[n] == "0") {
            break;
        } else {
            n++;
        }
    }
    n--;

    for (int i = 1; i <= n; i++) {
```

```cpp
        bool flag = true;
        for (int j = 1; j <= i-1; j++) {
            if (s[j] == s[i]) {
                flag = false;
            }
        }
        if (flag == true) {
            cout << s[i];
        }
    }
    return 0;
}
```

P1067 [NOIP 2009 普及组] 多项式输出

```cpp
#include <bits/stdc++.h>

using namespace std;

const int maxn = 100 + 5;
int a[maxn];

int main()
{
    int n; cin >> n;
    for (int i = n; i >= 0; i--) cin >> a[i];

    for (int i = n; i >= 0; i--) {
        if (a[i] == 0) continue;

        if (a[i] > 0) {
            if (i != n) cout << "+";
            if (a[i] != 1) cout << a[i];
            else if (i == 0) cout << 1;
        } else {
            if (a[i] != -1) cout << a[i];
            else if (i == 0) cout << "-1";
            else cout << "-";
        }

        if (i >= 2) cout << "x^" << i;
        else if (i == 1) cout << "x";
    }
    return 0;
}
```

P4387 【深基15.习9】验证栈序列

```cpp
#include <bits/stdc++.h>

using namespace std;

const int maxn = 1e5 + 5;
int a[maxn], b[maxn];

void solve() {
    int n; cin >> n;
    for (int i = 1; i <= n; i++) cin >> a[i];
    for (int i = 1; i <= n; i++) cin >> b[i];

    stack<int> stk;
    int j = 1;
    for (int i = 1; i <= n; i++) {
        stk.push(a[i]);
        while (!stk.empty() && stk.top()==b[j]) {
            stk.pop(); j++;
        }
    }

    if (j == n+1) cout << "Yes" << endl;
    else cout << "No" << endl;
}

int main()
{
    int T; cin >> T;
    while (T -- ) solve();
    return 0;
}
```