字符串最大跨距

人员

王森、宫正泽、刘派、贾庚澔、胡曒辰、李宜恬 到课, 刘轩铜、邢志远 线上

上周作业检查

上周作业链接: https://www.luogu.com.cn/contest/226294

2025-0119周日08:30

报名　编辑比赛

题目数 **4**　报名人数 **15**

比赛说明　题目列表　排行榜

名次	参赛者	总分	A	B	C	D
#1	隋梓予	400 (4.53d)	100 (52.65min)	100 (11.73h)	100 (11.79h)	100 (3.51d)
#2	宫正泽	400 (4.82d)	100 (43.28min)	100 (2.67h)	100 (2.29h)	100 (4.58d)
#3	刘派	400 (8.14d)	100 (46.52min)	100 (3.54d)	100 (1.02d)	100 (3.54d)
#4	贾庚澔	400 (12.92d)	100 (43.17min)	100 (1.67h)	100 (6.32d)	100 (6.50d)
#5	邢致远	400 (19.14d)	100 (46.05min)	100 (6.39d)	100 (6.36d)	100 (6.35d)
#6	罗艺山	320 (4.81d)	100 (48.52min)	20 (1.59h)	100 (2.35h)	100 (2.36h)
#7	刘轩铜	300 (13.27h)	100 (43.65min)	100 (1.50h)		100 (11.04h)
#8	李嘉行	300 (1.18d)	100 (51.47min)	100 (13.96h)	100 (13.49h)	
#9	胡曒辰	300 (13.59d)	100 (51.17min)	100 (6.58d)	100 (6.97d)	
#10	李宜恬	300 (19.41d)	100 (6.46d)	100 (6.46d)	100 (6.49d)	
#11	王晗廷	260 (4.24h)	100 (43.35min)	100 (1.57h)	60 (1.95h)	
#12	周熙皓	100 (48.33min)	100			
#13	王森	100 (51.90min)	100 (51.90min)			

作业

https://www.luogu.com.cn/contest/228327 (课上讲了 A/B/C 3 道题, 课后作业是 D 题)

课堂表现

今天同学们课上听讲做题都比较认真, 不过大部分同学课上没有全部做完 A、B、C 3 道题，课下一定要补完这些题。

课堂内容

P2241 统计方形（数据加强版）

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

using namespace std;

int main()
{
    long long sum1 = 0, sum2 = 0;
    int n, m;
    cin >> n >> m;
    for (int i = 1; i <= n; i++) {
        for (int j = 1; j <= m; j++) {
            sum1 += min(i,j);
            sum2 += i*j;
        }
    }
    cout << sum1 << " " << sum2-sum1 << endl;
    return 0;
}
```

U498481 字符串最大跨距

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

using namespace std;

int main()
{
    string str; cin >> str;
    int pos1 = str.find(","), pos2 = str.rfind(",");
    string s = str.substr(0,pos1);
    string s1 = str.substr(pos1+1, pos2-pos1-1);
    string s2 = str.substr(pos2+1);

    int l = s.find(s1), r = s.rfind(s2);
    if (l==-1 || r==-1) {
        cout << -1 << endl;
        return 0;
    }

    int res = r - l - s1.size();
    if (res <= 0) cout << -1 << endl;
    else cout << res << endl;
    return 0;
}
```

U516892 flip

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

using namespace std;

int main()
{
    int T; cin >> T;
    for (int i = 1; i <= T; i++) {
        int n; string s;
        cin >> n >> s;
        int cnt = 0;
        for (int j = 0; j < n; j++) {
            if (s[j] == '1') cnt++;
        }

        if (cnt%2 == 1) cout << -1 << endl;
        else {
            if (cnt != 2) cout << cnt/2 << endl;
            else {
                int l = s.find("1"), r = s.rfind("1");
                if (l+1 != r) cout << 1 << endl;
                else {
                    if (s=="011" || s=="110") cout << -1 << endl;
                    else if (s == "0110") cout << 3 << endl;
                    else cout << 2 << endl;
                }
            }
        }
    }
    return 0;
}
```