

corona

人员

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

作业检查

上周作业链接: <https://www.luogu.com.cn/contest/232154>

2025-0222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	洪晨栋	400 (6.59d)	100 (43.57min)	100 (1.80h)	100 (1.80h)	100 (6.41d)
#2	洪晨棋	330 (13.44d)	100 (59.12min)	100 (3.42d)	100 (6.49d)	30 (3.49d)
#3	宋吉相	300 (19.37d)	100 (6.45d)	100 (6.46d)	100 (6.46d)	
#4	郭栩睿	110 (2.76h)	100 (52.02min)		10 (1.89h)	
#5	崔宸赫	105 (6.48d)	100 (47.53min)			5 (6.45d)
#6	邹忆航	100 (40.33min)	100 (40.33min)			
#7	陶汇笙	100 (1.15h)	100 (1.15h)			
#8	张曦月	100 (1.41h)	100 (1.41h)			
#9	罗启宸	100 (1.13d)		100 (1.13d)		
#10	李沛都	100 (6.97d)		100 (6.97d)		

作业

<https://www.luogu.com.cn/contest/233447> (课上讲了 A~C 3 个题, 课后作业是 D 题)

课堂表现

今天课上做题表现比较好的同学有洪晨栋、陶汇笙 2 位同学, 其他同学也要向这 2 位同学进行学习。

课堂内容

B3975 [语言月赛 202405] 最大的和

```

#include <bits/stdc++.h>

using namespace std;

const int maxn = 2000 + 5;
int w[maxn][maxn];
int a[maxn], b[maxn], c[maxn*2];
map<int, int> mp;

int main()
{
    int n; cin >> n;
    for (int i = 1; i <= n; i++) {
        for (int j = 1; j <= n; j++) {
            int x; cin >> x;
            a[i] += x, b[j] += x;
            c[i+j] += x, mp[i-j] += x;
        }
    }

    int maxx = -10000000;
    for (int i = 1; i <= n; i++) maxx = max(maxx, a[i]);
    for (int i = 1; i <= n; i++) maxx = max(maxx, b[i]);
    for (int i = 2; i <= 2*n; i++) maxx = max(maxx, c[i]);
    for (int i = 1-n; i <= n-1; i++) maxx = max(maxx, mp[i]);
    cout << maxx << endl;
    return 0;
}

```

U536864 corona

```

#include <bits/stdc++.h>

using namespace std;

const int maxn = 2000 + 5;
int w[maxn][maxn];
int a[maxn], b[maxn], c[maxn*2];
map<int, int> mp;

int main()
{
    int n; cin >> n;
    for (int i = 1; i <= n; i++) {
        for (int j = 1; j <= n; j++) {
            int x; cin >> x;
            a[i] += x, b[j] += x;
            c[i+j] += x, mp[i-j] += x;
        }
    }
}

```

```
int maxx = -10000000;  
for (int i = 1; i <= n; i++) maxx = max(maxx, a[i]);  
for (int i = 1; i <= n; i++) maxx = max(maxx, b[i]);  
for (int i = 2; i <= 2*n; i++) maxx = max(maxx, c[i]);  
for (int i = 1-n; i <= n-1; i++) maxx = max(maxx, mp[i]);  
cout << maxx << endl;  
return 0;  
}
```

P1702 突击考试

```
#include <bits/stdc++.h>  
  
using namespace std;  
  
const int maxn = 100000 + 5;  
int a[maxn], b[maxn], len[10];  
int n;  
  
int calc(int t) {  
    int cnt = 0, maxx = 0;  
    for (int i = 1; i <= n; i++) {  
        if (a[i]==t || b[i]==t) cnt++;  
        else cnt = 0;  
        maxx = max(maxx, cnt);  
    }  
    return maxx;  
}  
  
int main()  
{  
    cin >> n;  
    for (int i = 1; i <= n; i++) cin >> a[i] >> b[i];  
  
    int maxx = 0;  
    for (int i = 1; i <= 5; i++) len[i] = calc(i), maxx = max(maxx, len[i]);  
  
    for (int i = 1; i <= 5; i++) {  
        if (len[i] == maxx) {  
            cout << maxx << " " << i << endl;  
            break;  
        }  
    }  
    return 0;  
}
```