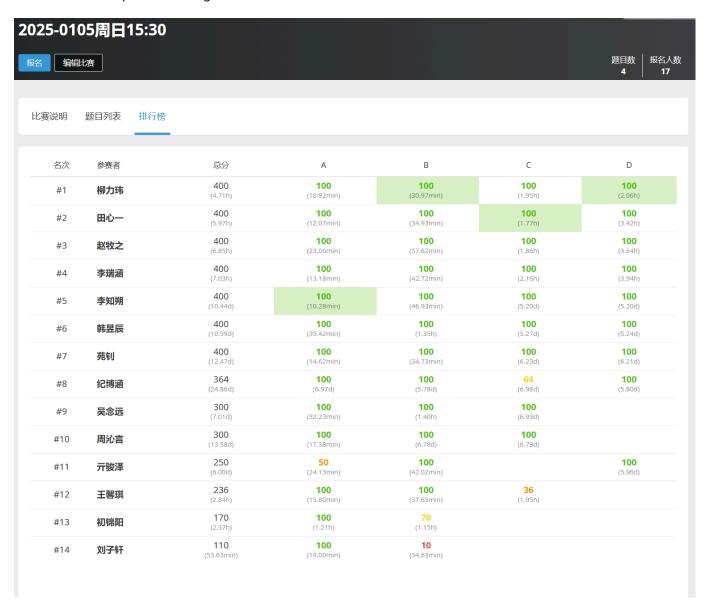
旋转排列

人员

田心一、吴念远、赵牧之、李瑞涵、柳力玮、苑钊、韩昱辰、周沁言、李知朔、亓骏泽、王馨琪、温郝冬、纪博涵 到课

上周作业检查

上周作业链接: https://www.luogu.com.cn/contest/223517



作业

https://www.luogu.com.cn/contest/224547 (课上讲了 A B C D E 题, 课后必做作业是 G 题, 选做作业是 E F 题)

课堂表现

同学们课上整体听课做题都很认真,希望同学们继续保持。

课堂内容

U478306 180°旋转

```
#include <bits/stdc++.h>
using namespace std;
int main()
{
    string s;
    cin >> s;
    reverse(s.begin(), s.end());
    for (int i = 0; i < s.size(); i++) {
        if (s[i] == '6') {
            s[i] = '9';
        } else if (s[i] == '9') {
            s[i] = '6';
        }
    cout << s << endl;</pre>
    return 0;
}
```

P1125 [NOIP2008 提高组] 笨小猴

```
#include <bits/stdc++.h>
using namespace std;
int cnt[1000];
int main()
{
    string s;
    cin >> s;
    int n = s.size();
    for (int i = 0; i < n; i++) {
        cnt[s[i]]++;
    int maxx = 0, minn = 100000000;
    for (int i = 'a'; i <= 'z'; i++) {
        if (cnt[i] > 0) {
            maxx = max(maxx, cnt[i]);
            minn = min(minn, cnt[i]);
        }
    }
    int k = maxx - minn;
```

```
if (k < 2) {
         cout << "No Answer" << endl;</pre>
         cout << 0 << endl;</pre>
    } else {
         bool flag = true;
         for (int i = 2; i*i <= k; i++) {
             if (i%k == 0) {
                  flag = false;
                  break;
             }
         }
         if (flag == true) {
             cout << "Lucky Word" << endl;</pre>
             cout << k << endl;</pre>
         } else {
             cout << "No Answer" << endl;</pre>
             cout << 0 << endl;</pre>
         }
    }
    return 0;
}
```

P1598 垂直柱状图

```
#include <bits/stdc++.h>
using namespace std;
int cnt[1000];
int main()
{
    string s;
    for (int i = 1; i <= 4; i++) {
        getline(cin, s);
        int n = s.size();
        for (int j = 0; j < n; j++) {
            cnt[s[j]]++;
        }
    }
    int maxx = 0;
    for (int i = 'A'; i <= 'Z'; i++) {
        maxx = max(maxx, cnt[i]);
    }
    for (int i = maxx; i >= 1; i--) {
        for (int j = 'A'; j \leftarrow 'Z'; j++) {
            if (cnt[j] >= i) cout << "* ";</pre>
            else cout << " ";</pre>
        }
```

```
cout << endl;
}

for (int i = 'A'; i <= 'Z'; i++) {
    cout << char(i) << " ";
}
cout << endl;
return 0;
}</pre>
```

B3688 [语言月赛202212] 旋转排列

```
#include <bits/stdc++.h>
using namespace std;
int a[2005];
int main()
{
    int n;
   cin >> n;
   for (int i = 1; i <= n; i++) {
       cin >> a[i];
    }
    while (true) {
        int t = a[n];
        for (int i = n; i \ge 2; i--) {
            a[i] = a[i-1];
        }
        a[1] = t;
        for (int i = 1; i <= n; i++) {
            cout << a[i] << " ";</pre>
        }
        cout << endl;</pre>
        if (a[n] == n) {
           break;
    }
    return 0;
}
```

P1008 [NOIP1998 普及组] 三连击

枚举第一个数,这样就知道后两个数的值了,然后判断是否1~9全出现了即可