构造结构体分糖果

人员

陶汇笙、邹忆航、魏子喆、洪晨栋、洪晨棋、郭栩睿、马瑞昕、张曦月、王静嘉、张昱霖、崔宸赫 到课，罗启宸 线上

作业检查

作业链接: https://www.luogu.com.cn/contest/211194 (A B C D)

郭栩睿 做了 4 道题

罗启宸、陶汇笙、洪晨栋 做了 3 道题

周晨睿、温郝冬、洪晨棋、魏子喆、邹忆航 做了 2 道题

郭恩名 做了 1 道题

其他同学未做

作业

https://www.luogu.com.cn/contest/212500 (A B C D 必做, E/F 2 道题中至少完成 1 道题, G 题选做)

课堂表现

有几位同学的基础不是很扎实，课下要好好进行复习。陶汇笙 同学这节课做题表现最好，提出表扬！！

课堂内容

U489744 数组的改变

```cpp
#include <iostream>

using namespace std;

int a[105];

int main()
{
    int n;
    cin >> n;
    for (int i = 1; i <= n; i++) {
        cin >> a[i];
    }

    int maxx = 0, minn = 10000000;
    int p1, p2;
    for (int i = 1; i <= n; i++) {
```

```cpp
        if (a[i] > maxx) {
            maxx = a[i];
            p1 = i;
        }
        if (a[i] < minn) {
            minn = a[i];
            p2 = i;
        }
    }

    swap(a[1], a[p2]);
    swap(a[n], a[p1]);

    for (int i = 1; i <= n; i++) {
        cout << a[i] << " ";
    }
    cout << endl;
    return 0;
}
```

U489741 完美偶数

```cpp
#include <iostream>

using namespace std;

int main()
{
    int n;
    cin >> n;
    for (int i = 1; i <= n; i++) {
        int x;
        cin >> x;
        int x2 = x;
        int cnt = 0;
        bool flag = true;
        while (x != 0) {
            int t = x%10;
            if (t%2 == 1) {
                flag = false;
            }
            x /= 10;
            cnt++;
        }
        if (cnt%2 == 0 && flag == true) {
            cout << x2 << endl;
        }
    }
    return 0;
}
```

U501787 求n个数中出现次数最多的数

```cpp
#include <iostream>

using namespace std;

int w[15];

int main() {
    int n; cin >> n;
    for (int i = 1; i <= n; ++i) {
        int x; cin >> x; w[x]++;
    }

    int maxx = 0;
    for (int i = 1; i <= 10; ++i) {
        if (w[i] > maxx) {
            maxx = w[i];
        }
    }

    for (int i = 1; i <= 10; i++) {
        if (w[i] == maxx) {
            cout << i << endl;
        }
    }
    return 0;
}
```

AT_abc208_c Fair Candy Distribution

```
    7 1000000000000
    99 8 2 4 43 5 3

    {99,1}   {8,2}    {2,3}     {4,4}      {43,5}     {5,6}      {3,7}

    |{2,3}    {3,7}    {4,4}     {5,6}|     {8,2}      {43,5}     {99,1}

    3         7         4         6
    for (int i = 1; i <= x; i++) {
        把这个糖果分给 a[i].id 这个人
        cnt[a[i].id]++;
    }
```

此题不提供具体代码, 要求同学们课下思考后独立完成