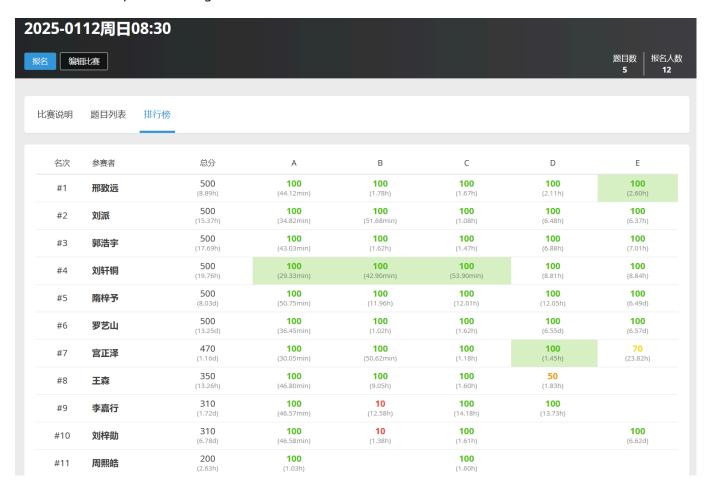
回文字符串

人员

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上周作业检查

上周作业链接: https://www.luogu.com.cn/contest/224446



作业

https://www.luogu.com.cn/contest/226294 (课上讲了 A、B、C 3 个题, 课后作业是 D 题 U498480 移位包含问题 这个题目)

课堂表现

今天课上的题目整体不是很难,不过第二题有点抽象,许多同学课上没有通过第二题,课下要在草稿纸上再好好画一画理解理解这个题目。

课堂内容

B3723 [语言月赛202303] Coin Selection G

```
#include <bits/stdc++.h>
using namespace std;
typedef long long LL;
const int maxn = 1000 + 5;
LL w[maxn];
int main()
  int n; cin >> n;
  for (int i = 1; i <= n; ++i) cin >> w[i];
  LL sum1 = 0, sum2 = 0;
 for (int i = 1; i <= n; ++i) {
    sort(w+1, w+n+1);
    if (i\%2 == 1) { // sum1
      if (sum1 < w[i]) sum1 += w[i], w[i] = 0;
      else {
        for (int j = n; ; --j) {
          if (w[j] <= sum1) {</pre>
            sum1 += w[j], w[j] = 0;
            break;
         }
        }
      }
    } else { // sum2
      if (sum2 < w[i]) sum2 += w[i], w[i] = 0;
      else {
        for (int j = n; ; --j) {
          if (w[j] \le sum2) {
            sum2 += w[j], w[j] = 0;
            break;
          }
        }
      }
    }
  }
  cout << sum1 << " " << sum2 << endl;</pre>
  return 0;
}
```

U514682 回文字符串

```
#include <bits/stdc++.h>
using namespace std;
int cnt[200];
```

```
int main()
{
    int t; cin >> t;
    while (t -- ) {
        for (int i = 'a'; i <= 'z'; i++) {
            cnt[i] = 0;
        int n, k;
        string s;
        cin >> n >> k >> s;
        for (int i = 0; i < n; i++) {
            cnt[s[i]]++;
        }
        int sum = 0;
        for (int i = 'a'; i <= 'z'; i++) {
            if (cnt[i]%2 == 1) {
               sum++;
            }
        }
        // 有 sum 个字母出现了奇数次, 最少要删除 sum-1 个
        // 现在只能删 k 个
        if (k >= sum-1) {
           cout << "YES" << endl;</pre>
        } else {
           cout << "NO" << endl;</pre>
        }
    }
    return 0;
}
```

P5734 【深基6.例6】文字处理软件

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

using namespace std;

int main()
{
    int n; string str;
    cin >> n >> str;
    for (int c = 1; c <= n; c++) {
        int op; cin >> op;
        if (op == 1) {
            string s; cin >> s;
            str += s;
            cout << str << endl;
        } else if (op == 2) {
            int a, b; cin >> a >> b;
        }
}
```

```
str = str.substr(a, b);
    cout << str << endl;
} else if (op == 3) {
    int pos; string s; cin >> pos >> s;
    str = str.substr(0,pos) + s + str.substr(pos);
    cout << str << endl;
} else {
    string s; cin >> s;
    int t = str.find(s);
    cout << t << endl;
}
return 0;
}</pre>
```