

# 时间复杂度

按照题意模拟。

细节就那么亿点点。

```
1 void Main() {
2     std::string s1, s2;
3     std::stringstream ss;
4     int n = 0, m = 0;
5     int cnt = 0, tot = 0;
6     bool used[30] = {0};
7     int nth[30] = {0};
8     int now = 0, con = 0;
9     int ans = 0;
10    bool add[30] = {0};
11    do {
12        s1 = s2;
13        std::cin >> s2;
14    } while (s2[0] != 'o');
15    for (int i = 0; i < s1.length(); ++i)
16        if (isdigit(s1[i]))
17            n = n * 10 + s1[i] - '0';
18    for (int i = 4; i < s2.length(); ++i)
19        if (isdigit(s2[i]))
20            m = m * 10 + s2[i] - '0';
21    for (int i = 1; i <= n; ++i) {
22        std::cin >> s1;
23        if (s1[0] == 'F') {
24            ++cnt;
25            std::cin >> s1;
26            if (used[s1[0] - 'a']) {
27                cnt = -1; // 出现相同变量
28            } else {
29                used[s1[0] - 'a'] = true;
30                nth[cnt] = s1[0] - 'a';
31            }
32            std::cin >> s1 >> s2;
33            if (s1[0] != 'n' && s2[0] == 'n' && con == 0)
34                ++tot, add[cnt] = true; // n ^ tot
35            else if (((s1.length() == s2.length() && s1 > s2) ||
36                    (s1.length() > s2.length()) ||
37                    (s1[0] == 'n' && s2[0] != 'n')) &&
38                    con == 0)
39                con = 1, now = cnt;
40        } else {
41            ans = std::max(ans, tot);
42            used[nth[cnt]] = false;
43            if (add[cnt] == true)
44                --tot, add[cnt] = false;
45            --cnt;
46            if (cnt < now && now > 0)
47                con = 0, now = 0;
48        }
```

```
49     if (cnt == -1)
50         printf("ERR\n"), i = n + 1;
51     }
52     // printf("m: %d ans: %d\n", m, ans);
53     if (cnt > 0)
54         printf("ERR\n");
55     if (cnt == 0) {
56         if (ans == m)
57             printf("Yes\n");
58         else
59             printf("No\n");
60     }
61 }
```