

# while(cin) 输入字符串

## 人员

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## 上周作业检查

上周作业链接: <https://www.luogu.com.cn/contest/228327>

2025-0126周日08:30

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	刘轩铜	400 (16.42h)	100 (51.52min)	100 (1.31h)	100 (12.08h)	100 (2.18h)
#2	王森	400 (1.47d)	100 (29.27min)	100 (11.50h)	100 (11.55h)	100 (11.68h)
#3	李宜恬	400 (8.28d)	100 (27.10min)	100 (1.44h)	100 (4.09d)	100 (4.11d)
#4	贾庚澹	400 (14.37d)	100 (28.65min)	100 (1.69h)	100 (1.00d)	100 (13.28d)
#5	邢致远	400 (24.86d)	100 (22.73min)	100 (1.42h)	100 (13.53d)	100 (13.54d)
#6	周熙皓	400 (24.86d)	100 (10.31d)	100 (10.33d)	100 (13.07d)	100 (13.06d)
#7	宫正泽	376 (14.00d)	100 (29.37min)	100 (1.25h)	76 (13.55d)	100 (9.15h)
#8	刘派	360 (1.51d)	100 (18.83min)	84 (1.39h)	76 (1.97h)	100 (1.36d)
#9	刘梓勋	330 (2.22d)	100 (13.23h)	100 (13.27h)	100 (13.32h)	30 (13.43h)
#10	李嘉行	200 (6.39d)	100 (3.19d)	100 (3.20d)		
#11	胡曝辰	100 (28.60min)	100 (28.60min)			
#12	running_Turtle	100 (13.07d)	100			

您正在共享屏幕 结束共享

## 作业

<https://www.luogu.com.cn/contest/229910> (课上讲了 A~F 6 道题, 课后作业是 G 题)

## 课堂表现

同学们课上做题整体都比较认真, 以后要继续保持!!

## 课堂内容

U499330 单词的长度

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

using namespace std;

int main()
{
    string s;
    bool flag = false;
    while (cin >> s) {
        if (flag == false) cout << s.size();
        else cout << "," << s.size();
        flag = true;
    }
    return 0;
}
```

### U499341 最长最短单词

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

using namespace std;

int main()
{
    string s;
    string maxx = "", minn;
    for (int i = 1; i <= 10000; i++) {
        minn += "1";
    }

    while (cin >> s) {
        if (s.size() > maxx.size()) {
            maxx = s;
        }
        if (s.size() < minn.size()) {
            minn = s;
        }
    }
    cout << maxx << endl;
    cout << minn << endl;
    return 0;
}
```

### U499328 单词替换

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

```
using namespace std;

string s[105];

int main()
{
    int n = 1;
    while (cin >> s[n]) {
        n++;
    }

    n--;
    for (int i = 1; i <= n-2; i++) {
        if (s[i] == s[n-1]) {
            s[i] = s[n];
        }
        cout << s[i] << " ";
    }
    cout << endl;
    return 0;
}
```

#### U499342 单词倒排

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

using namespace std;

string s[105];

int main()
{
    int n = 1;
    while (cin >> s[n]) {
        n++;
    }
    n--;

    for (int i = n; i >= 1; i--) {
        cout << s[i] << " ";
    }
    return 0;
}
```

#### B3654 [语言月赛202208] 影子字符串

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

```
using namespace std;

string s[505];

int main()
{
    int n = 1;
    while (true) {
        cin >> s[n];
        if (s[n] == "0") {
            break;
        } else {
            n++;
        }
    }
    n--;

    for (int i = 1; i <= n; i++) {
        bool flag = true;
        for (int j = 1; j <= i-1; j++) {
            if (s[j] == s[i]) {
                flag = false;
            }
        }
        if (flag == true) {
            cout << s[i];
        }
    }
    return 0;
}
```

### B3640 T3 句子反转

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

using namespace std;

string s[1005];

int main()
{
    int n = 1;
    while (cin >> s[n]) {
        n++;
    }
    n--;

    string t;
    for (int i = n; i >= 1; i--) {
        t = s[i];
        if (t[0] >= 'A' && t[0] <= 'Z') {
```

```
        int len = t.size();
        for (int j = 0; j < len; j++) {
            t[j] = t[j] - 'A' + 'a';
        }
    } else if (t[0] >= 'a' && t[0] <= 'z') {
        int len = t.size();
        for (int j = 0; j < len; j++) {
            t[j] = t[j] - 'a' + 'A';
        }
    } else {
        reverse(t.begin(), t.end());
    }
    cout << t << " ";
}
cout << endl;
return 0;
}
```