

OCC '19 B1 - Darcy_Liu

Time limit: 2.0s **Memory limit:** 64M

Darcy_Liu is the real Darcy Liu. However, there are many fake Darcys.

The real Darcy has one underscore in his username. Fake Darcys start with `darcy`, contain a positive number of underscores, and end with `liu`. Uppercase and lowercase do not matter, and usernames only contain alphanumeric characters and underscores.

Given a DMOJ username, print whether it is `real`, `fake`, or `other user`.

Input Specification

The first line will contain the string of a username, S .

Output Specification

Output `real`, `fake`, or `other user` depending on if they match the descriptions above.

Constraints

$$1 \leq |S| \leq 100$$

Note that $|S|$ denotes the length of the string S .

Sample Input 1

```
Darcy_liu
```

Sample Output 1

```
real
```

Sample Input 2

```
darcY_____lIu
```

Sample Output 2

fake

Sample Input 3

Darsee_Lew

Sample Output 3

other user