

Login Exam

Jojo and his friends are going to have a programming exam soon. They want to test if they can login to their exam account or not. The account format:

Login : [NIM]
Password : [NAME]_[DDMMYYYY]

Help Jojo and his friends to login to their account given their name, NIM, and birth date.

Format Input

The input consist of two lines. The first line consist of the Name and the Nim in a form of "NAME(NIM)". The second line consist of three numbers Day, month, and birth year each separated with '-'.
Example: Jojo(1234567890)
1-2-3456

Format Output

The first line output the NIM and it must be 10 digits. The second line output the name(1 word) and the birthday date separated with '_'. The date and month format must be in 2 digits and the year format must be in 4 digits.
Example: 1234567890
Jojo_01023456

Constraints

|NIM| = 10 (the length of NIM is exactly 10 characters)

1 <= |NAME| <= 25

1 <= day <= 30

1 <= month <= 12

1 <= year <= 9999

Sample Input 1	Sample Output 1
Jojo(1234567890) 1-2-3456	1234567890 Jojo_01023456

Sample Input 2	Sample Output 2
Lili(0987654321) 6-5-4321	0987654321 Lili_06054321