
Add one day

X54560_en

Write a program that reads a sequence of dates, and adds one day to each of them.

Input

The input is a sequence of dates. Each date is formed by three integers: day, month, and year. All given dates are correct. None of the given dates will belong to a leap year.

Output

For each date in the input, the date of the next day is printed. Follow the format of the examples.

Sample input 1

```
23 04 2002
31 05 1999
28 02 2017
01 12 1878
31 12 2006
```

Sample output 1

```
24 04 2002
01 06 1999
01 03 2017
02 12 1878
01 01 2007
```

Problem information

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Generation: 2026-01-25T16:54:03.008Z

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