## Add Days

Ovi, our beloved Senior brother. He has to do a lot of dateTime calculation in his busy life. He always wants to know the date after $x$ days. He wants to give less effort to do this calculation. Can you make it easy for him?

## Input

The first line contains one integer $\mathrm{t}(1<=\mathrm{t}<=100)$ - the number of queries. The first line of each query contains a date in dd-mm-yyyy format, which is a valid date. The next line contains $\times(1<=$ $x<=9999$ ) number of days required to add with given date.

## Output

Find out the corresponding date after $\boldsymbol{x}$ days. See the format in example.

## Example

## Input

3
10-12-2020

12
29-02-2016

1010

03-12-2019
120

## Output

22-12-2020
05-12-2018

01-04-2020

