

## B. Special Days

Score: 1

CPU: 1s

Memory: 1024MB

People loves to celebrate special days with or without any reason and number of these special days are increasing day by day. For example, Valentine's Day, Rose Day, Propose Day, Dance Day etc. are some of those. Today your will be given a list of special days and your job is to find out name of the next special day from the given list.

Pohela Falgun	February 13
Valentine's Day	February 14
International Mother Language Day	February 21
International Women's Day	March 8
International Color Day	March 21
Bangladesh Independence Day	March 26
April Fools Day	April 1
Pohela Boishakh	April 14
May Day	May 1
Father's Day	June 19
Mandela Day	July 18
World Mosquito Day	August 20
Halloween	October 31
World Toilet Day	November 19
Human Rights Day	December 10
Victory Day of Bangladesh	December 16
Christmas Day	December 25

For example, if today is "February 16", then next special day is "International Mother Language Day" on February 21.

### Input

First line of the input will contain a single integer **T** ( **$\leq 100$** ), denoting the number of test cases to follow.

Each test case consists of a string **M** and **D**, where **M** is the current month name (**January, February, March, April, May, June, July, August, September, October, November, December**) and **D** is the day of the month. The date given will always be a valid date (considering there is no leap year).

### Output

Print the test case number and name of the next special day.

# Sample

Input	Output
3	Case 1: International Mother Language Day
February 16	Case 2: Victory Day of Bangladesh
December 10	Case 3: Pohela Falgun
December 31	