



# A. How old are you?



**Time limit: 1 second**

...

- Here are the filled form.
- Thank you. Let me check... hum... OK, OK, OK... Wait, how old are you?
- 20. Did I forget to fill it?
- No. It says here that you'll be born next month! The year is wrong...
- Oh... Sorry!

The process is going to be automatic and to avoid some human errors there will be a calculated field that informs the age based in the current date and the birth date given. This is your task, calculate the age, or say if there's something wrong.

## Input

The first line of input gives the number of cases,  $T$  ( $1 \leq T \leq 200$ ).  $T$  test cases follow. Each test case starts with a blank line, then you will have 2 lines corresponding to the current date and the birth date, respectively. The dates are in the format **DD/MM/YYYY**, where **DD** is the day, **MM** the month and **YYYY** the year. All dates will be valid.

## Output

The output is comprised of one line for each input data set and should be as follow (quotes for clarifying only):

"Case #N: AGE", where **N** is the number of the current test case and **AGE** is one of the 3 following options:

- *"Invalid birth date"*, if the *calculated age* is impossible (still going to be born).
- *"Check birth date"*, if the *calculated age* is more than 130.
- the *calculated age* (years old only), otherwise.

## Sample input

4

01/01/2007  
10/02/2007

09/06/2007  
28/02/1871

12/11/2007  
01/01/1984

28/02/2005  
29/02/2004

## Sample output

Case #1: Invalid birth date  
Case #2: Check birth date  
Case #3: 23  
Case #4: 0

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