D - Leonard's Age

Hero Leonard from the movie Memento is in Bangladesh. He is in a new mission. He has to calculate his age for this mission. From the movie you know he can't make new memories but he can recall some details of his past like his birthday, name etc. So he recruited you to write a code for him. You will be given his date of birth and the present date. Remember, he wants exact days including the extra days in leap years (A leap year consists of 366 days with 29th February).

Input

Input starts with an integer **T (≤ 10)**, denoting the number of test cases.
Each case contains two lines of input and in each line there will be three integers denoting day, month and year respectively. The 1st line represents his birthday and the 2nd line contains the present date.

Present date will not be less than the birthday and birthdays will not be less than 01-01-1970.

Output

For each test case, print "Case x:" where x is the case number. Then print a single space. Then print how old Leonard is in days.
See Sample Input/Output for more.

Sample Input	Sample Output
4	Case 1: 0 days
	Case 2: 366 days
1 5 2001	Case 3: 2 days
1 5 2001	Case 4: 1 days
1 5 2007	
1 5 2008	
28 2 2004	
1 3 2004	
28 2 2005	
1 3 2005	