

## Find number of days between two given dates

Given two dates, find total number of days between them. The count of days must be calculated in  $O(1)$  time and  $O(1)$  auxiliary space.

**Note:** The system follows [Gregorian calender](#) from the beginning of the time.

### Input:

The first line of input contains an integer  $T$  denoting the number of test cases. Each test case consist of two lines each containing three integers  $D$ ,  $M$  and  $Y$ , separated with a space, denoting date, month and year respectively.

### Output:

Print a single integer denoting total number of days between the given dates.

### Constraints:

$$1 \leq T \leq 100$$

$$1 \leq D \leq 31$$

$$1 \leq M \leq 12$$

$$1 \leq Y \leq 3000$$

### Example:

#### Input

4

10 2 2014

10 3 2015

10 2 2000

10 3 2000

10 2 2000

10 2 2000

1 2 2000

1 2 2004

## **Output**

393

29

0

1461