

Problem 251: Flex Time

Difficulty: Easy

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Problem Background

At Lockheed Martin, employees often work on very large and very important projects, ranging from fighter planes to satellites. In contrast, researchers at the Advanced Technology Labs (ATL) frequently have tasks with short and aggressive timelines, and it's not unusual for an ATL'er to work on multiple projects in the same week or even the same day! Because of this, it's absolutely vital to keep an accurate accounting of employees' working hours.

Lockheed Martin uses a timecard application to track time, with a standard 40-hour work week. Within the timecard, employees can input the hours they have worked on separate projects throughout the day. If employees work more than 40 hours in a given week, they can be paid overtime or bank the excess. If employees work less, they must make up the difference.

Problem Description

Your task is to write a program which, given the employee's weekly timecards for each project, determines the hours they have worked over or under the standard 40 hours a week. If the employee worked more than 40 hours, print the difference as positive. If less than 40, print the difference as negative.

Sample Input

The first line of your program's input, **received from the standard input channel**, will contain a positive integer representing the number of test cases. Each test case will include:

- A single positive integer **N** indicating the number of projects the employee has worked on
- **N** lines, each with exactly seven positive integers separated by spaces representing the number of hours the employee has worked on each day of the week for a given project

```
3
3
10 10 0 0 0 0 1
0 0 5 5 0 0 0
0 0 4 0 4 0 0
1
10 10 10 10 0 0 0
4
0 0 12 0 0 0 0
7 7 0 10 0 0 0
3 3 0 2 0 0 0
0 1 0 0 0 0 0
```

Sample Output

For each test case, your program must print a line containing a single integer indicating the difference (positive or negative) between the hours worked and the expected goal of 40 hours.

```
-1
0
5
```