11 The NetFlicks scheduler
8 points

Introduction

In the *Perféctez* family they have a lot of trust in each other. As the family´s only son, *Benigno,* has been very good, his parents have allowed him to watch *Netflicks* for a few hours each week. They've decided to use a program to schedule the hours that *Benigno* can watch his favourite series and they check how many hours he has spent watching TV every day and the hours he has left. *Benigno* never cheats, but sometimes he exceeds his allotted time so the program would also indicate how much he has exceeded his time.

Input

The input will consist of one line with at least 1 parameter (number of allowed weekly hours) and/or up to 7 extra parameters (the time spent every weekday), separated by commas (,). Extra parameters will be ignored. All parameters will have the following format:

hh:mm or h:mm

Therefore, the input format would be:

weekly_hours[, monday_hours][, tuesday_hours][, wednesday_hours][, thursday_hours][, friday_hours][, saturday_hours][, sunday_hours]

Output

The program will return a line stating the total time left for *Benigno* to watch his favourite series.

The format of the output will be:

`XX:YY hours of viewing remaining.`
Please note the trailing dot.

If the time is exceeded the output will be:

`LIMIT EXCEEDED BY XX:YY hours. Benigno punished!`

Example 1

Input

```
14:00, 2:21, 1:32
```

Output

```
10:07 hours of viewing remaining.
```

Example 2

Input

```
14:00, 2:21, 1:32, 0:00, 3:27, 3:25, 3:10
```

Output

```
00:05 hours of viewing remaining.
```

Example 3

Input

```
14:00, 2:21, 1:32, 0:00, 3:27, 3:25, 4:20, 0:00
```

Output

```
LIMIT EXCEEDED BY 01:05 hours. Benigno punished!
```