Add and subtract one second  
Examen final d’Informàtica, FME (2014-01-14)

Write a program that, given a time expressed in hours, minutes and seconds, computes the time corresponding to add one second, and also the time corresponding to subtract one second.

Your program must use the definition

```c
struct Time {
    int hour, minute, second;
};
```

and it must implement and use the procedure

```c
void one_second(const Time& t, Time& t1, Time& t2);
```

that leaves in t1 the time in t plus one second, and leaves in t2 the time in t minus one second. For instance, if t has 23 59 59, then t1 must be 0 0 0 and t2 must be 23 59 58.

Input

Input consists of several cases, each with three numbers (hour, minute and second) that form a correct time. That is, the hour is between 0 and 23, and the minute and the second are between 0 and 59.

Output

For every given time t, print two lines with t1 and t2.

Observation

You can implement auxiliary procedures.

<table>
<thead>
<tr>
<th>Sample input</th>
<th>Sample output</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 20 30</td>
<td>10 20 31</td>
</tr>
<tr>
<td>0 0 0</td>
<td>10 20 29</td>
</tr>
<tr>
<td>23 59 59</td>
<td>0 0 1</td>
</tr>
</tbody>
</table>

Problem information

Author : Salvador Roura
Translator : Salvador Roura
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