Lab 2.11.2 Times and durations

Objectives

Improve the student's skills in:

- using and declaring structured data types and variables;
- formatting output data.

Scenario

We hope that your previous program enables you to travel in time smoothly and accurately. Now we want you to modify it a bit:

- declare two structure variables – one for the start time, another for the end time;
- Ask your user for both times – be sure that the end time denotes a later time of day than the start time (we assume that both times fall on the same day);
- evaluate and output the duration of time (in hours and minutes) between both times.

Note: we're still using a 24-hour clock!

Test your code using the data we've provided.

Example input

```
0 1
23 59
```

Example output

```
23:58
```

Example input

```
12 58
13 3
```

Example output

```
0:5
```

Example input

```
8 2
17 43
```

Example output

```
9:41
```