
Elapsed time

X19266_en

A wash cycle always takes less than 24 hours. Write a program that, given the start and end times of a washing cycle, calculates the elapsed time in the cycle.

Exam score: 3 **Automatic part:** 40%

Input

There are four integers on the input. The first two, h_0 and m_0 , represent the cycle start time and are such that $0 \leq h_0 < 24$ and $0 \leq m_0 < 60$. The last two, h_1 and m_1 , represent the cycle end time and are such that $0 \leq h_1 < 24$ and $0 \leq m_1 < 60$.

Output

The elapsed time in the cycle in the format HH:MM, as shown in the examples.

Sample input 1

10 15 13 20

Sample input 2

17 40 19 3

Sample input 3

11 30 1 2

Sample input 4

22 15 22 15

Sample input 5

9 15 19 16

Sample output 1

03:05

Sample output 2

01:23

Sample output 3

13:32

Sample output 4

00:00

Sample output 5

10:01

Problem information

Author : Pro1

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