4. Back in 30 Minutes

Every time John tries to pay the bills he sees on the cash desk the sign: **"I will be back in 30 minutes"**. One day John was tired of waiting and decided he needs a program, which **prints the time** after **30 minutes**, so could come back after exactly **30 minutes**. He is not able to write the program by himself, so he asks for help.

Input

Two numbers are read from the console:

- **The first number** is **hours** and will be between **0 and 23**.
- **The second number** is **minutes** and will be between **0 and 59**.

Output

Print on the console the time after **30** minutes. The result should be in format **hh:mm**. The **hours may** contain **one or two numbers** and the **minutes** always have **two numbers (with leading zero)**.

Examples

Input	Output
1 46	2:16

Input	Output
0 01	0:31

Input	Output
23 59	0:29

Input	Output
11 08	11:38

Input	Output
11 32	12:02