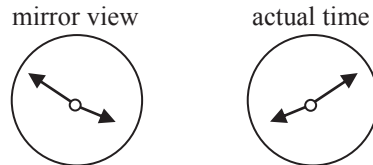# 2. Clock in the Mirror

Program Name: Clock.java   Input File: clock.dat

Jeremy likes to lie in bed to watch TV. He knows he has to turn the TV off at a certain time. The only way he can see his analog clock is by looking into a mirror. The numbers on the clock are small so he cannot read them. He has to mentally "flip" the clock to tell the correct time. He has been curious about how the time looks in the mirror compared to the actual time.

For example, if in the mirror, the small the clock looks like it is 3:48, then the actual time would be 8:12.

mirror view   actual time

You are to write a program that, given the time in the mirror, will find the actual time for him.

Input
The first line of input will contain a single integer n that indicates the number of mirror times to follow. Each of the following n lines will contain a time in the form hh:mm as seen in the mirror (leading zeros in hour time will be omitted).

Output
For each mirror time input, print the actual time in the form hh:mm with no leading zeros for hours.

Example Input File
```
5
3:48
8:27
10:30
1:23
5:00
```

Example Output to Screen
```
8:12
3:33
1:30
10:37
7:00
```