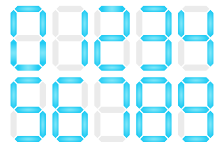


Problem C – If I Could Turn Back Time

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

Cher is looking at her LED alarm clock, which displays time in 24-hour, HH:MM:SS format (i.e., 00:00:00 to 23:59:59).

Being energy-wise, she is wondering: if she could turn back time, what was the most recent time the clock used exactly the same amount of energy to illuminate the LED display?



Also, since Cher has got you, babe, she knows that the digits (0,1,2,3,4,5,6,7,8,9) have (6,2,5,5,4,5,6,3,7,6) LED segments illuminated.

Input

The input will be given on one line, with 8 characters in the format HH:MM:SS. Note that HH will be numbers from 00 to 23 (with leading zeroes where necessary), and MM and SS will be numbers 00 to 59 (with leading zeroes where necessary).

Output

The output will be the most recent time before the given input time for which the number of illuminated segments is the same. The output should be in the same HH:MM:SS format as specified for the input.

Examples

standard input	standard output
12:34:56	12:34:50
10:00:01	09:59:17
00:00:14	23:59:54

Note

Sonny and Cher released “I Got You Babe” in 1965, and Cher released “If I Could Turn Back Time” in 1989.