Clock

Bibi is in Jojo's house and she sees a strange thing that has number 574 written on it. Jojo then tells her that it is a clock that only displays minute passed since midnight. Bibi wants to know what time it is.

Format Input
The first line will contain an integer T, the number of test cases.
Each test case will contain an number N, the number displayed by the strange clock.

Format Output
For each test case, print "Case X: " (X starts with 1) and then print what time it is in 24 hours HH:MM format.

Constraints
1 <= T <= 1000
0 <= N <= 1439

Sample Input	Sample Output
3 574 1 730	Case #1: 09:34 Case #2: 00:01 Case #3: 12:10