Convert time from 12 hour to 24 hour format

Given a time in 12-hour AM/PM format, convert it to military (24-hour) time.
Note: Midnight is 12:00:00 AM on a 12-hour clock and 00:00:00 on a 24-hour clock. Noon is 12:00:00 PM on 12-hour clock and 12:00:00 on 24-hour clock.

Input:
The first line of input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case contains a single string containing a time in 12-hour clock format(hh:mm:ss AM or hh:mm:ss PM.

Output:
Convert and print the given time in 24-hour format.

Constraints:
1<=T<=10^5
1<=hh<=12
1<=mm,ss<=59

Example:
Input:
2
07:05:45PM
01:05:45AM

Output:
19:05:45
01:05:45