

Time Conversion

Given a time in AM/PM format, convert it to military (24-hour) time.

Note: Midnight is 12:00:00AM on a 12-hour clock, and 00:00:00 on a 24-hour clock. Noon is 12:00:00PM on a 12-hour clock, and 12:00:00 on a 24-hour clock.

Input Format

A single string containing a time in 12-hour clock format (i.e.: hh:mm:ssAM or hh:mm:ssPM), where $01 \leq hh \leq 12$.

Output Format

Convert and print the given time in 24-hour format, where $00 \leq hh \leq 23$.

Sample Input

07:05:45PM

Sample Output

19:05:45