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 time in 12-hour clock format (i.e.: hh:mm:ssAM or hh:mm:ssPM), where $01 \le hh \le 12$.

Output Format

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

Sample Input

```
07:05:45PM
```

Sample Output

```
19:05:45
```

Explanation

7 PM is after noon, so you need to add 12 hours to it during conversion. 12 + 7 = 19. Minutes and seconds do not change in 12-24 hour time conversions, so the answer is **19:05:45**.