

Time Conversion



Given a time in **12-hour 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 $01 \leq hh \leq 12$ and $00 \leq mm, ss \leq 59$.

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
```