



Time Conversion ☆

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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.

Function Description

Complete the timeConversion function in the editor below. It should return a new string representing the input time in 24 hour format.

timeConversion has the following parameter(s):

- s: a string representing time in **12** hour format

Input Format

A single string **s** containing a time in **12-hour** clock format (i.e.: **hh:mm:ssAM** or **hh:mm:ssPM**), where $01 \leq hh \leq 12$ and $00 \leq mm, ss \leq 59$.

Constraints

- All input times are valid

Output Format

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

Sample Input 0

07:05:45PM

Sample Output 0

19:05:45



```
1  #include <stdio.h>
2
3  int main() {
4      int hh, mm, ss;
5      char tt[3];
6      scanf("%d:%d:%d%s", &hh, &mm, &ss, tt);
7
8      if(strcmp(tt, "PM") == 0 && hh != 12) hh += 12;
9      if(strcmp(tt, "AM") == 0 && hh == 12) hh = 0;
10     printf("%02d:%02d:%02d", hh, mm, ss);
11     return 0;
12 }
13
```

Line: 1 Col: 1

 Upload Code as File☐ Test against custom input

Run Code

Submit Code

Congratulations

You solved this challenge. Would you like to challenge your friends?

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Compiler Message

Success

Input (stdin)

1 07:05:45PM

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Expected Output

1 19:05:45

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