Time Conversion

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Given a time in **12**-hour AM/PM format, convert it to military (24-hour) time.

Note: - 12:00:00AM on a 12-hour clock is 00:00:00 on a 24-hour clock.

- 12:00:00PM on a 12-hour clock is 12:00:00 on a 24-hour clock.

Example

- **s = '12:01:00PM'**

  Return '12:01:00'.

- **s = '12:01:00AM'**

  Return '00:01:00'.

Function Description

Complete the ***timeConversion*** function with the following parameter(s):

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

Returns

- ***string***: the time in **24** hour format

Input Format

A single string ***s*** that represents a time in **12**-hour clock format (i.e.: **hh:mm:ssAM** or **hh:mm:ssPM**).

Constraints

- All input times are valid

Sample Input 0

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

Sample Output 0

```
19:05:45
```

Change Theme Language Python 3

```
#!/bin/python3

import math
```

```
4  import os
5  import random
6  import re
7  import sys
8
9  #
10 # Complete the 'timeConversion' function below.
11 #
12 # The function is expected to return a STRING.
13 # The function accepts STRING s as parameter.
14 #
15
16 def timeConversion(s):
17     # Write your code here
18     # Extract the period (AM/PM)
19     period = s[-2:]
20     time = s[:-2]
21     hours, minutes, seconds = time.split(':')
22
23     # Convert hours based on period
24     if period == 'PM' and hours != '12':
25         hours = str(int(hours) + 12)
26     elif period == 'AM' and hours == '12':
27         hours = '00'
28
29     # Return formatted time
30     return f"{hours}:{minutes}:{seconds}"
31
32 if __name__ == '__main__':
33     fptr = open(os.environ['OUTPUT_PATH'], 'w')
34
```

EMACS Line: 42 Col: 1

Upload Code as File | Test against custom input | Run Code | Submit Code

You have earned 15.00 points!

You are now 331.2 points away from the gold level for your problem solving badge.

12% 518.8/850

Congratulations

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

Next Challenge

Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Test case 6

Compiler Message

```
Success
```

Input (stdin) Download

```
1 07:05:45PM
```

Expected Output Download

```
1 19:05:45
```