

Problem

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

Submissions

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

timeConversion has 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

Editorial

Change Theme Java 8

```
7 public class Solution {
8
9
10     static String timeConversion(String s) {
11
12         String meridiem = s.substring(s.length() - 2, s.length() - 1);
13         String time = s.substring(0, s.length() - 2);
14
15         if (meridiem.equals("AM")){
16             if (time.substring(0,2).equals("12")){
17                 return "00:" + time.substring(3, time.length());
18             }else return time;
19
20         }else {
21             if (time.substring(0,2).equals("12")){
22                 return time;
23             }else {
24                 Integer hour = Integer.parseInt(time.substring(0,2));
25                 return (12 + hour) + ":" + time.substring(3, time.length());
26             }
27         }
28     }
29
30     private static final Scanner scan = new Scanner(System.in);
31
32     public static void main(String[] args) throws IOException {
33         BufferedWriter bw = new BufferedWriter(new FileWriter(System.out));
34     }
35 }
```

Line: 9 Col: 5

Upload Code as File

Test against custom input

Run Code

Submit Code

You have earned 15.00 points!

You are now 4 points away from the 2nd star for your problem solving badge.

94%

96/100

Problem Solving

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

Compiler Message

Success

Input (stdin)

Download

1 | 07:05:45PM

Expected Output

Download

1 | 19:05:45

1/1