

Problem

Submissions

Leaderboard

Discussions

Editorial

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 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

Change Theme Language 

Java 8

```
16  * Complete the 'timeConversion' function below.
17  *
18  * The function is expected to return a STRING.
19  * The function accepts STRING s as parameter.
20  */
21
22  public static String timeConversion(String s){
23      // Write your code here
24      DateFormat formatter = new SimpleDateFormat("hh:mm:ss");
25      DateFormat formatted = new SimpleDateFormat("HH:mm:ss");
26
27      Date time = null;
28      String output = null;
29
30      try{
31          time = formatter.parse(s);
32          output = formatted.format(time);
33      }catch(Exception e){}
34
35      return output;
36  }
37
38  }
39
40  public class Solution {
41      public static void main(String[] args) throws IOException {
42          BufferedReader bufferedReader = new BufferedReader(new InputStreamReader(System.in));
43          String s = bufferedReader.readLine();
44          timeConversion(s);
45      }
46  }
```

Line: 56 Col: 1

Upload Code as File

Run Code

Submit Code

☐ Test against custom input

### 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