



Time Conversion ☆

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Problem

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Editorial

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

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Java 8



```
1  import java.io.*;
2  import java.util.*;
3  import java.text.*;
4  import java.math.*;
5  import java.util.regex.*;
6
7  public class Solution {
8
```



```
9 static String timeConversion(String s) {
10     DateFormat df = new SimpleDateFormat("hh:mm:ssa");
11     Date result = new Date();
12     try {
13         result = df.parse(s);
14     } catch (Exception e) { }
15     DateFormat dr = new SimpleDateFormat("HH:mm:ss", Locale.ENGLISH);
16     return (String) dr.format(result);
17 }
18
19 public static void main(String[] args) {
20     Scanner in = new Scanner(System.in);
21     String s = in.next();
22     String result = timeConversion(s);
23     System.out.println(result);
24 }
25 }
```

Line: 25 Col: 2

[Upload Code as File](#) ☐ [Test against custom input](#)[Run Code](#)[Submit Code](#)

You have earned 15.00 points!

You are now 64 points away from the 2nd star for your problem solving badge.

9%

36/100



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

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✓ Test case 0

✓ Test case 1

✓ Test case 2

✓ Test case 3

✓ Test case 4

✓ Test case 5

Compiler Message

Success

Input (stdin)

1 07:05:45PM

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Expected Output

1 19:05:45

[Download](#)

✓ **Test case 6** 

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