



Time Conversion

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Problem

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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.

Input Format

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

Output Format

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

Sample Input

07:05:45PM

Sample Output

19:05:45

[f](#) [t](#) [in](#)Submissions: [216977](#)

Max Score: 15

Difficulty: Easy

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Current Buffer (saved locally, editable)

Java 7



```
1 import java.text.ParseException;
2 import java.text.SimpleDateFormat;
3 import java.util.Scanner;
4
5 public class Solution {
6     static String timeConversion(String s) throws ParseException {
7         // Complete this function
8
9         SimpleDateFormat date12Format = new SimpleDateFormat("hh:mm:ssaa");
10        SimpleDateFormat date24Format = new SimpleDateFormat("HH:mm:ss");
11
12        return date24Format.format(date12Format.parse(s));
13    }
14 }
```

```
15 public static void main(String[] args) throws ParseException {  
16     Scanner in = new Scanner(System.in);  
17     String s = in.nextLine();  
18     String result = timeConversion(s);  
19     System.out.println(result);  
20 }  
21 }
```

Line: 21 Col: 2

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

Run Code

Submit Code

Testcase 0 **Congratulations, you passed the sample test case.**Click the **Submit Code** button to run your code against all the test cases.**Input (stdin)**

07:05:45PM

Your Output (stdout)

19:05:45

Expected Output

19:05:45

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