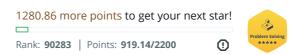






# Time Conversion ☆



# You have successfully solved Time Conversion



X

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#### RATE THIS CHALLENGE



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):

ullet s: a string representing time in  ${f 12}$  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  $01 \le hh \le 12$  and  $00 \le mm, ss \le 59$ .

### 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



```
Change Theme
      #include <stdio.h>
  3
      int main() {
  4
           int hh, mm, ss;
  5
           char tt[3];
           scanf("%d:%d%d%s", &hh, &mm, &ss, tt);
  6
  7
           if(strcmp(tt, "PM") == 0 && hh != 12) hh += 12;
  8
           if(strcmp(tt, "AM") == 0 && hh == 12) hh = 0;
  9
           printf("%02d:%02d:%02d", hh, mm, ss);
 10
 11
           return 0;
 12
      }
 13
                                                                                           Line: 1 Col: 1
                   ■ Test against custom input
1 Upload Code as File
                                                                          Run Code
                                                                                         Submit Code
   Congratulations
                                                                                  Next Challenge
   You solved this challenge. Would you like to challenge your friends? 

f in
   ⊘ Test case 0
                           Compiler Message
                            Success
   ⊘ Test case 1
                           Input (stdin)
                                                                                           Download
   ⊘ Test case 2
                               07:05:45PM
   ⊘ Test case 3
                           Expected Output
                                                                                           Download
                                19:05:45
   ⊘ Test case 4
   ⊘ Test case 5
   ⊘ Test case 6
```

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