



DAILYPROGRAMMER

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194

[2017-06-27] Challenge #321 [Easy] Talking Clock

submitted 6 months ago by [fvandepitte](#)

0 0

Description

No more hiding from your alarm clock! You've decided you want your computer to keep you updated on the time so you're never late again. A talking clock takes a 24-hour time and translates it into words.

Input Description

An hour (0-23) followed by a colon followed by the minute (0-59).

Output Description

The time in words, using 12-hour format followed by am or pm.

Sample Input data

```
00:00
01:30
12:05
14:01
```

search

this post was submitted on 27 Jun 2017

194 points (95% upvoted)shortlink: <https://redd.it/6jr76h>

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Submissions restricted

Only approved users may post in this community.

dailyprogrammer

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Can't submit solutions?

If you are a new or unverified account, and are unable to post comment replies, please click [here](#) to verify your account. Otherwise, read the [Solution Submission Tutorial](#) for a

20:29

21:00

Sample Output data

It's twelve am
 It's one thirty am
 It's twelve oh five pm
 It's two oh one pm
 It's eight twenty nine pm
 It's nine pm

Extension challenges (optional)

Use the audio clips [found here](#) to give your clock a voice.

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sorted by: **best**

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[\[-\] Flueworks](#) 52 points 6 months ago

PowerShell, only extension challenge

```
cat .\clockTimes.txt | %{"It's " + ($_ | get-date).ToShortTimeString() | Out-Spe
```

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[\[-\] nomau](#) 31 points 6 months ago*

C++ first submission

```
void clock(string s){
    int h = stoi(s.substr(0, 2));
    int m = stoi(s.substr(3));

    string ampm = "pm";
    if (h < 12) ampm = "am";
    if (h == 12) ampm = "pm";
}
```

walkthrough of submitting a solution, or click below to message the moderators for assistance.

Write your own challenge!

To help the community and write your own challenge to be submitted, head on over to [/r/DailyProgrammer_Ideas](#) and share your project - read the sidebar in that subreddit for more information.

IRC Channel**Message the Moderators****Challenge List in Chronological Order**

created by [nottoobadguy](#)

a community for 5 years

need help? message the moderators

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[\[2017-12-22\] Challenge #345 \[Hard\] 2D Triangle Mesh Generator](#)