



(/en/),
v1.1.0

CSD Testing System

(/en/)

Find correct timestamps in the form of hh:mm or h:mm am or h:mm pm

Cost: 6 | Solved: 136

Memory limit: 256 MBs

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

You are given a set of strings separated with line feed characters. Find all the substrings that are in the form of hh:mm ($00 \leq hh \leq 23$, $00 \leq mm \leq 59$) or h:mm am ($0 \leq h \leq 12$, $00 \leq mm \leq 59$) or h:mm pm ($0 \leq h \leq 12$, $00 \leq mm \leq 59$).

Pay attention to the fact that correct substrings in the forms of "h:mm am" and "h:mm pm" the timestamp (h:mm) is separated from the time of day (am/pm) with a whitespace character.

Input:

A set of strings separated with line feed characters.

Output:

All the longest correct substrings in the order in which they appear in the text, separating each with a line feed character.

Example:

Input	Output
aaa3:12bbb	
d5:54 amsdp	5:54 am
13:23	13:23

