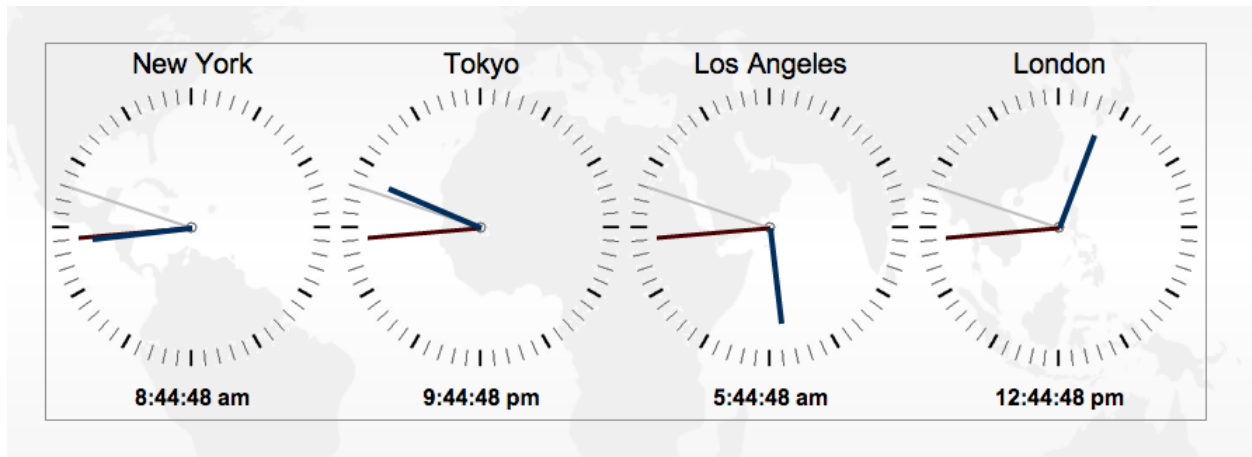


# CSCI 215: Homework 5

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## Collaboration: Team Assignment

Use JavaScript to program digital and analog world clocks.



### Task 1: Time Zone

Since you live in Charleston - the clock on your machine *should* be Eastern Standard Time (EST) zone. Using your machine's time zone, modify the code to apply the appropriate time zone differences for each world clock (i.e. New York, London, Tokyo, and Los Angeles) in this assignment. This website <http://www.timeanddate.com/worldclock/> provides the correct time for each clock. Your clock times must match the ones in this website.

### Task 2: Second, Minute, and Hour Logic

Like homework 4, your code must update the hour, minute, and second for each world clock. Each world clock has its own input HTML tag to represent the digital time. Hint: identify which time variables (hour, minute, second) are the same and those that are changing. This task will also require the use of arrays and loops.

### Submission of Assignment

When completed, **zip up** the completed *world\_clock.html* file and submit to Dropbox.

**Only one team member will submit the solution to Dropbox.** If two members of the same team submit individual solutions – I will not grade the assignment.

### Other Information

Late assignments will not be accepted – no exceptions (please do not email me your assignment after the due date, I will not accept it).

Please feel free to setup an appointment to discuss the homework problem. I will be more than happy to listen to your approach and make suggestions. However, I will not tell you how to code the assignment. Furthermore, code debugging is your job; please do not come to my office asking me to fix your code.

Lastly, if you're unsure about any aspect of this assignment, you must ask! It is your responsibility to flush out questions you may have about the assignment prior to the due date. I can't help resolve an issue, or add clarity, if you don't ask.