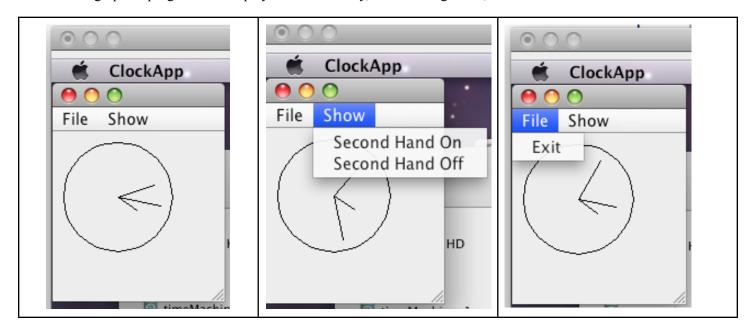
Assignment #4 due on Wednesday, March 30, at 5:00 PM via email!

Write a Java graphics program that displays the time of day, on an analog clock, as shown below:



Note that the clock has an hour, minute, and second hand, which in the example shown above indicates the time of day as 2:19 and 58 seconds.

Be sure your clock indicates the correct time of day, and updates, once per second, i.e. is animated. Listen carefully in class for hints on how to perform the animation. The File menu simply contains an Exit menu item; the Show menu depicts two choices, specifically "Second Hand On" and "Second Hand Off." For example, to perform the animation, consider using timers (highly suggested!), as shown on this web site, specifically:

## Second Hand example that processes events using timers

Alternatively use the following to aid in animation, a one second delay is useful, since the clock only updates once per second...

Note that calling Delay.sleep(1) from the PaintComponent() method disrupts normal event processing, but is a bit easier to code and understand.