Q1. Date Object [variation on Quigley Chapter 8; Exercise 2]. [35 pts.] Write a function that will create a digital clock object. The resulting object should have three properties: hours, minutes, and seconds. Write a method displayTime() that uses the date object to set the current time and display the time in a text box. The user will be click on a button to select either am/pm or military (24 hour) time and the selected value will be passed to the displayTime() method. Output the time in the correct format. The time does not have to continuously update.

Examples:

Q2. [35 pts.] Use the array and math objects to write a script that uses an array of 10 Ben Franklin quotations and randomly displays one each time the user reloads the page. See http://www.quotationspage.com/quotes/Benjamin_Franklin/ for examples.

Q3. Browser Objects [Quigley Chapter 10] [30 pts.] Create two links, one to open a new window and one to close it, The new window will display in a large font “The eye is a window to your soul” in red with a black background. The new window will be positioned in the right-hand corner of the screen and will have the focus.

To submit your homework: To make it possible to grade your JavaScript scripts answers quickly and efficiently, please create a webpage in your directory with links to the three scripts (as in HW#7). Send the URL in an email to Yariv Levy (ylevy@cs.umass.edu). This email subject’s must be set to the exact phrase CMPSCI120-HW#8.

Your email must have a postmark before 4 pm on the December 3. Late homework will not be accepted, please turn in what you have by the due date. Independent work is expected on all homework assignments.