FWP Assignment

1. Dates are printed in several common formats. Write a script that reads a date from an HTML5 form and creates a Date object in which to store it. Then use the *various methods of the Date object* that convert Dates into strings to display the date in several formats.

2. Write a script that tests *as many of the Math library functions as you can*. Exercise each of these functions by having your program display tables of return values for several argument values in an HTML5 textarea.

3. a) Write a script that reads several lines of text from the keyboard and prints a table indicating the number of occurrences of each letter of the alphabet in the text.

   b) Write a script that uses relational and equality operators to compare two Strings input by the user through an HTML5 form. Display whether the first string is less than, equal to or greater than the second.

   c) Write a script that inputs a line of text, tokenizes it with String method split and outputs the tokens in reverse order.

   d) Write a script that inputs text from an HTML5 form and outputs it in uppercase and lowercase letters.

   e) Write a script that inputs several lines of text and a search character and uses String method index of to determine the number of occurrences of the character in the text.