Final Study Guide

## *Note:* *while this is a guide to what you should know, it is only a guide. Everything covered in class is fair game*

## Know:

## Basic Terminology

## HTML

* Basic template tags
* Paragraph
* Headers
* Images
  + As links
* Links
  + Relative
  + Absolute
  + To within the same web page
  + To a place within another web page
* Tables
  + Rowspan
  + Colspan
  + Tables within tables
* Lists
  + Ordered
  + Unordered
  + Lists within lists
* Forms
  + Submit button
  + Radio button
  + Text field
  + Check box
  + Drop-down list
  + Text area

## CSS

* Inline style definition
* style definitions in the header
* linking to a stylesheet (and creating styles within the stylesheet
* Font styling:
  + - font color
  + style
  + size, and
  + family
* line height
* colors using hex numbers
* border (width, color, style)
  + border on only one side
* padding
* margin
  + padding and margin different for one side versus another side
  + auto-setting margin
* background color
* background image
  + tiling throughout
    - not repeated and positioned
    - repeating horizontally or vertically only
* class
* id
* div tags
  + a tag within your div tag given its own style (e.g. specifying a separate style for paragraphs within your div tag)
* span tags
* absolute positioning
* relative positioning
* fixed positioning
* float positioning

**JavaScript**

* Know: the difference between **document.write** and **document.getElementById**.
* Know what you can change using **document.getElementById**
* Know what the **innerHTML** is
* Know why we don’t use i**nnerHTML** with images
* Know how to use all of the above.
* Know how to write out **variables** using both **innerHTML** and **document.write**
* Know what you can **change about an image**
* Know how to **reposition an image**
* Know how to **change the style** of an element
* Know how to create a **variable**
* Know how to create an **array**
* Know how to create a **prompt box**, and how a variable holds what the user types in when a prompt box pops up
* Know how to create a **confirm box**, and how a variable holds what the user clicks on in response to the confirm box.
* Know how to generate **a random number**.
* Know how to generate a **random number between 3 and 10, not including 10**
* Know how to use the **random number to access something in an array**
* Know how to create an **if** condition
  + Know how an **else if**  and an **else** works
  + Know how **a nested if** (an if inside of an if) works
* Know how to write a **function**
* Know the different **ways to call a function** (make a function happen)
  + Know how to use onload
* Know how to add pictures to the end of an array
* Know how to use setTimeout
  + For moving things
  + For looping through arrays
  + For making things blink
  + Etc.
* Know what a parameter is and how to give a parameter a value.
* Know how to use a keypress to make a function happen