

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 **innerHTML** 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