### Introduction

* Review Quiz 2 and Project 2
* Q&A

<style>  
 table tr td {  
 border: 1px solid black;  
 }  
 th {  
 border: 1px dotted blue;  
 }  
 caption {  
 border: 2px dashed green;  
 }  
</style>  
<table>  
 <caption>Table with column and row headers</caption>  
 <thead>  
 <tr> <**td**> <**/td**> <**th**> A <**/th**> <**th**> B <**/th**> <**th**> C <**/th**> </tr>   
 </thead>

<thead>  
 <tr> <**th**> 1 <**/th**> <td> cat </td> <td> can </td> <td> bat </td> </tr>   
 <tr> <**th**> 2 <**/th**> <td> dog </td> <td> cap </td> <td> ape </td> </tr>   
 <tr> <**th**> 3 <**/th**> <td> pig </td> <td> map </td> <td> dig </td> </tr>   
 <tr> <**th**> 4 <**/th**> <td> fox </td> <td> mop </td> <td> egg </td> </tr>   
 </thead>

<tfoot>  
 <tr> <td colspan="4"> List of three letter words </td> </tr>  
 </tfoot>

</table>  
<br>  
<table>  
<tr> <td> 1 </td> <td> 2 </td> <td> 3 </td> </tr>  
<tr> <td> 4 </td> <td> 5 </td> <td> 6 </td> </tr>  
<tr> <td> 7 </td> <td> 8 </td> <td> 9 </td> </tr>  
<tr> <td> </td> <td> 0 </td> <td> </td> </tr>  
</table>  
<br>  
<table>  
<tr> <td> 1 </td> <td> 2 </td> <td> 3 </td> </tr>  
<tr> <td> 4 </td> <td> 5 </td> <td> 6 </td> </tr>  
<tr> <td rowspan="2"> 7 </td> <td> 8 </td> <td> 9 </td> </tr>  
<tr> <td> 0 </td> <td> </td> </tr>  
</table>

### Day 1 Topics

CSS SELECTORS - [rule](https://www.w3schools.com/css/css_syntax.asp) [selectors](https://www.w3schools.com/cssref/css_selectors.asp)

Selector Element(s)  
Property Attribute(s)  
Value Change(s)  
------------------------------------------------

Declaration Property and Value  
**Rule** Selector and Declaration

SELECTOR TYPES

Universal uses asterisk (\*)  
Element TAG  
Selector Group TAG, TAG  
Class Dot (.) Attribute CLASS=”.dotname”  
Id Hash (#) Attribute ID=”#hashname”

ADDING CSS

Inline Within the element’s tag using the STYLE attribute  
Embedded Contained in the web page’s <HEAD> element in a <STYLE> element  
 When identifying tags to be selected, do NOT use the < > brackets  
Separate Linked file in the web page’s <HEAD> element  
 <link rel=”stylesheet” href=”css/mycssfile.css”>

|  |  |  |
| --- | --- | --- |
|  | **Benefits** | **Downside** |
| **Embedded** | Quick testing | Time to reload  Works only in that document |
| **Inline** | Quick Testing  CMS go-around | Difficult to change, need to hunt and change every line |
| **Separate** | One change for the whole website  Easy constant website look  Can link to different websites | Learning curve  Extra work in the beginning |

### Day 2 Topics

* Discuss Project 3

PARENT / CHILD / SIBLING

* Element that group other element(s)
  + Parent
* Element(s) inside a group
  + Child and/or sibling

DESCENDANT vs CHILD SELECTORS

* Descendant selector is the child element(s) and the child element(s) within the parent group
  + Grandparents > Parents > Children > Grandchildren
  + UL LI {color:green;}
* Child selector is ONLY the child element(s) of the parent
  + Grandparent > Parent
  + Parent > Children
  + Children > Grandchildren
  + DIV > P {color:blue;}

PSEUDO CLASSES

:link unvisited  
:visited been there  
:active click & hold  
:hover mouse over  
:focus keyboard up / down or tab

a:link {color:red;}