# Class 2: Layout

3D buttons: using gradients

CSS – select everything: \*

## Document Object Model (DOM)

Everything that can have something be applied to it.



## Nested Selectors

Two selectors at the same time. Like an address. A set of instructions telling CSS property as they are looking for a CSS property.

thead tr {

{

select only tr in the thead

<em> emphasis

font-style -> normal or italic

font-weight -> bold or not

user agent stylesheet -> browser stylesheet

## Layout

<div> - means “document part/section.” In practice, it’s a part of looking at something like a box.

<header>

<footer>

<aside>

<section>

<article>

## Class and ID:

<tag name attribute name=”value”>

IDs are unique

Classes are not unique

Usually use classes. IDs are really best used for navigation and javascript situations

In CSS:

.className

#idName

Dot means class.

Much better to put a class on elements rather than globally apply.

### HTML Structural Elements

Header tags – h1 especially – if it’s just sitting loosely on the page, you can have precisely 1 of them if you want them found by google. The exception is putting it in <header> <aside> <footer> etc.

## Floats

Document flow: top to bottom, left to right

Float is a CSS positioning property, used to layout a web page. Float takes it out of the document flow.

Has no height impact on the flow. Doesn’t move where you expect sometimes.

### Dimensions

px

% - percentages relative to its parent container

em – relevant to the font-size of its parent. Hard to use because of

in – inches. Print css

cm – centimeter

pc - pica

rem – relative to the html tag. Not properly supported

CSS:

Overflow: hidden; -> lops off overflow so it hides any that the container cuts off

## Reset

Reset and Normalize.

Goes first, before stylesheet.

<link rel=”stylesheet” href=”css/reset.css”>

<link rel=”stylesheet” href=”css/stylesheet.css”>

Webfont

Link font

<link href=’http://fonts….>

Googlefonts and typekits

<https://www.google.com/fonts>

<link href='https://fonts.googleapis.com/css?family=Roboto' rel='stylesheet' type='text/css'>

<https://fortawesome.github.io/Font-Awesome/>

paste BEFORE your style sheet – all fonts, resets, icons from the web

../ -> up a folder