ADVANCED CSS & LAYOUT

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AGENDA

- Review
- HTML Template
- Box Model
- Nested Selectors
- Getting Started
- Lab Time
- Review
- Classes Ids
- HTML5 Structural Elements
- Floats
- Lab Time

REVIEW

What do students need help with?

HTML TEMPLATE

HTML TEMPLATE

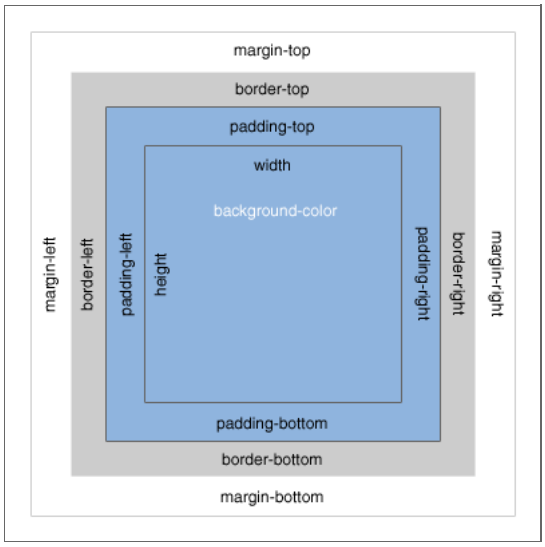
The following are tags that come with the template: See starter code for the template.

```
<!doctype html>
<html lang="en">
<head>
<body>
<meta charset="utf-8">
<meta name="description" content="">
<title>
<link rel="stylesheet" href="css/style.css"> , <link rel="stylesheet"
href="css/normalize.css">
<style></style>
```

BOX MODEL

Every element in web design is a box.

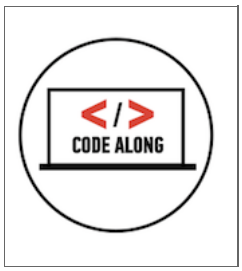
BOX MODEL


margin-top
border-top
padding-top
width
background-color
height
margin-left
border-left
padding-left
padding-right
border-right
margin-right
padding-bottom
border-bottom
margin-bottom

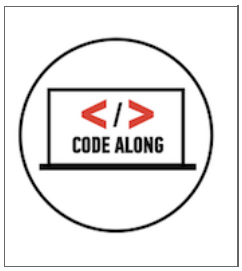
BOX MODEL

WIDTH = WIDTH + PADDING-LEFT + PADDING-RIGHT + BORDER-LEFT + BORDER-RIGHT

HEIGHT = HEIGHT + PADDING-TOP + PADDING-BOTTOM + BORDER-TOP + BORDER-BOTTOM



BOX MODEL

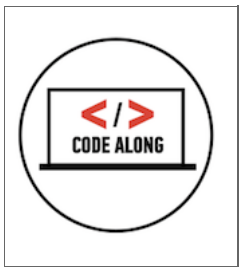


NESTED SELECTORS

CLASS & ID

With classes and ids we can target specific elements on a page, so we can manipulate it uniquely.

CLASS & ID



CLASS & ID

CLASS & ID

IDS ARE UNIQUE

CLASSES ARE NOT UNIQUE

CLASS & ID

When should you use them?

CLASS & ID

How to **select** classes in CSS

```
.className
```

```
#idName
```

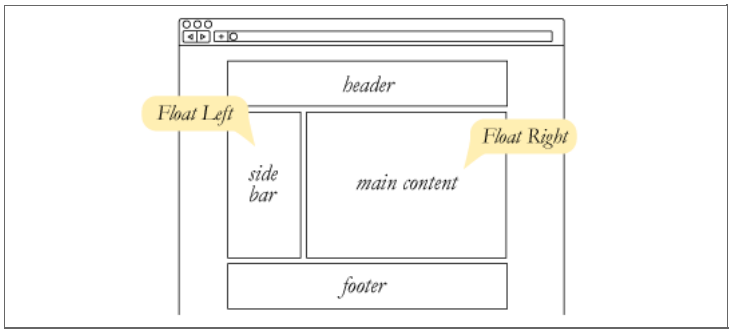
HTML5 STRUCTURAL ELEMENTS

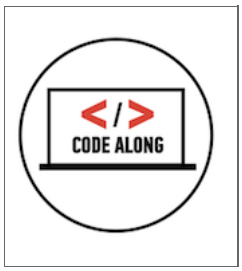
Adding structure to HTML elements that are related to content layout.

- header
- aside
- footer

FLOATS

Float is a CSS positioning property, used to layout a web page.





FLOATING SECTIONS