



Beginning HTML and CSS

Class 3

Welcome!

Girl Develop It is here to provide affordable and accessible programs to learn software through mentorship and hands-on instruction.

Some "rules"

- We are here for you!
- Every question is important
- Help each other
- Have fun

Block & Inline Elements, review

- CSS divides HTML into two types:inline and block.
- After block elements, browsers render a new line.
- Inline elements: img, a, br, em, strong
- Block elements: p, h1, ul, li, almost everything else

Div and Span

Two new HTML elements!

Style multiple elements the same way by grouping them together.

`` creates an inline element.

`<div>` creates a block element.

Grouping elements with div

The div tag is a great way to apply styles to a bunch of elements all at once.

The div tag is used everywhere to group elements together into sections.

For example, what if we want the first 2 paragraphs to be right-aligned, but we don't want any other paragraphs to be right-aligned?

Grouping elements with div, cont.

```
.align-right{  
  text-align:right;  
}
```

```
<div class = "align-right">  
  <a href = "http://twitter.com/girldevelopit">Twitter!</a> |  
  <a href = "http://facebook.com/girldevelopit">Facebook!</a>  
</div>  
<a href = "http://girldevelopit">Website!</a> |  
<a href = "http://girldevelopit.tumblr.com">Blog!</a>
```

Twitter! | Facebook!
Website! | Blog!

Span

Span is used to apply a specific style inline

```
.yellow{  
  color:yellow;  
}
```

```
<p>Paragraph with <span class ="yellow">yellow</span> text.</p>
```

Paragraph with yellow text.

Pseudo-classes, more CSS for links

Changing the format of a link when you hover over it is accomplished by using pseudo-classes.

Syntax:

```
selector:pseudo-class  
{  
  property:value;  
}
```

Example:

```
a:link  
{  
  text-decoration: none;  
}
```

CSS pseudo-classes are used to add special effects to some selectors.

Pseudo-classes, more CSS for links

```
a:link      {color:#FF0000;} /* unvisited link */  
a:visited  {color:#00FF00;} /* visited link */  
a:hover    {color:#FF00FF;} /* mouse over link */  
a:active   {color:#0000FF;} /* selected link */
```

Note: a:hover MUST come after
a:link and a:visited in the CSS
definition in order to be effective!

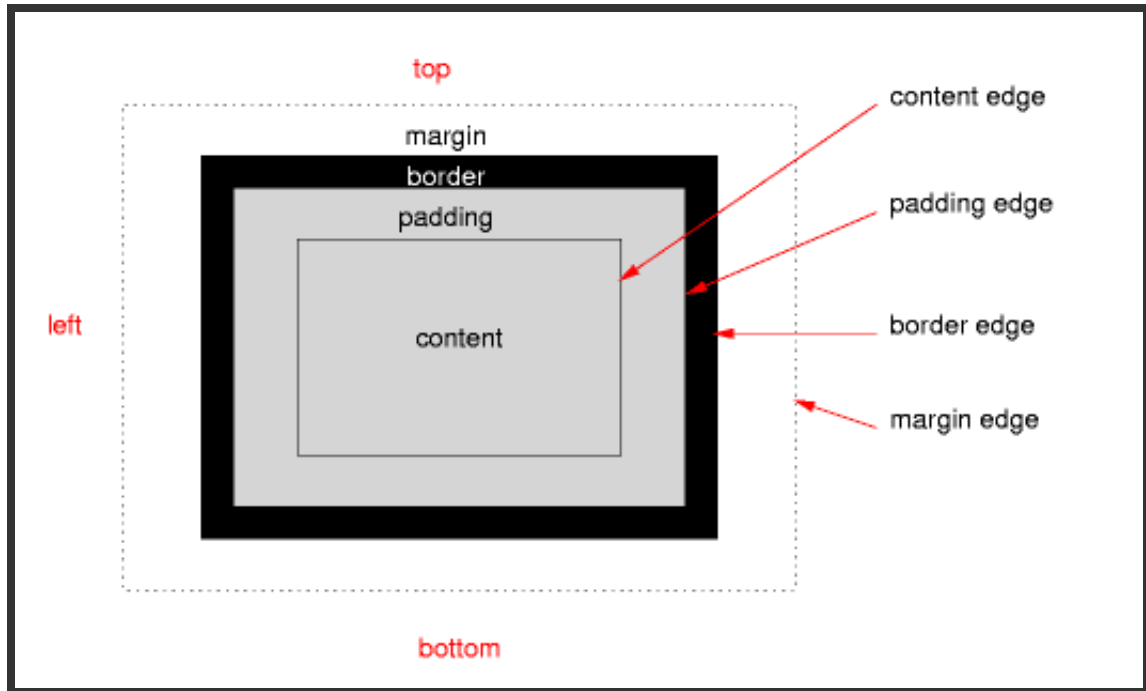
Note: a:active MUST come after
a:hover in the CSS definition in
order to be effective!

Let's Develop It

Start dividing your links and paragraphs into divs.

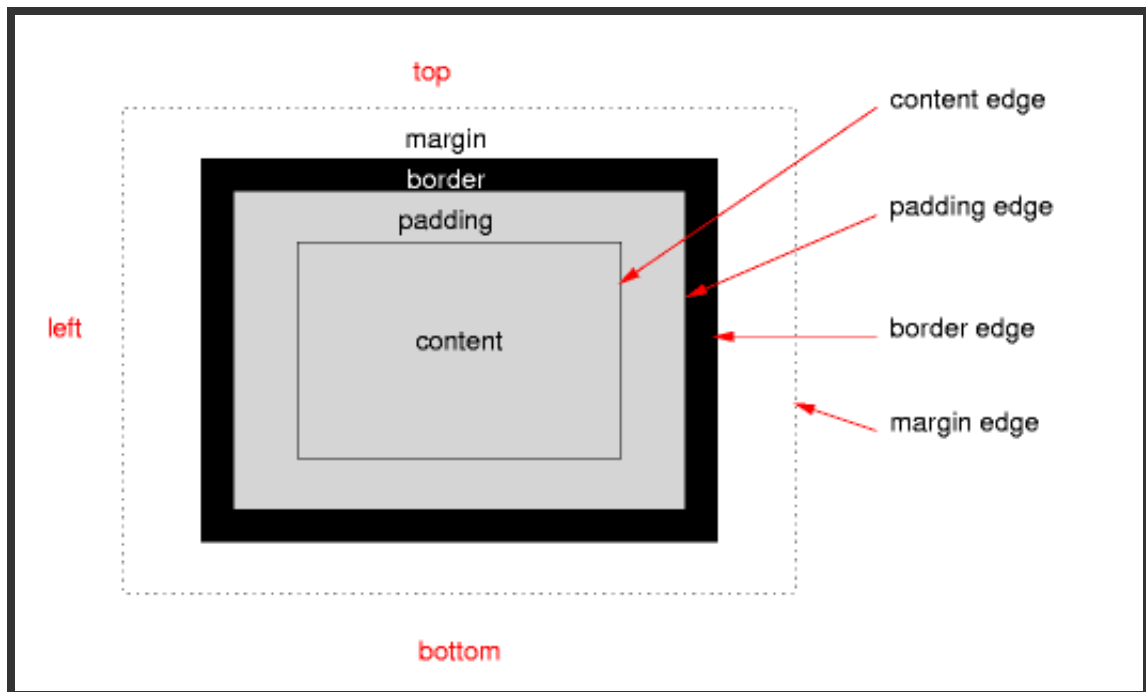
Add pseudo classes to your links

Box Model



Padding

Space between the border and the content



Padding

15 pixels on all sides

```
padding: 15px;
```

10 pixels on top only

```
padding-top: 10px;
```

10 on top, 5 on right, 3 on bottom,
5 on left

```
padding: 10px 5px 3px 5px;
```

Padding

Four values

```
padding: top right bottom left;
```

Two values

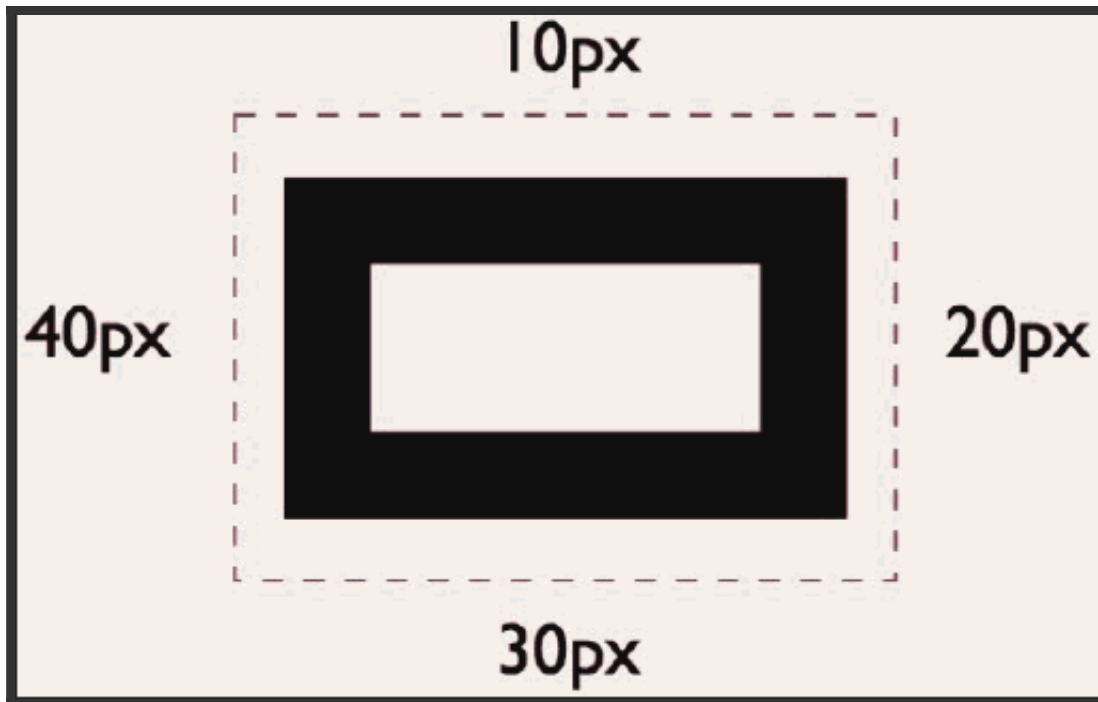
```
padding: top/bottom right/left;
```

One value

```
padding: all;
```

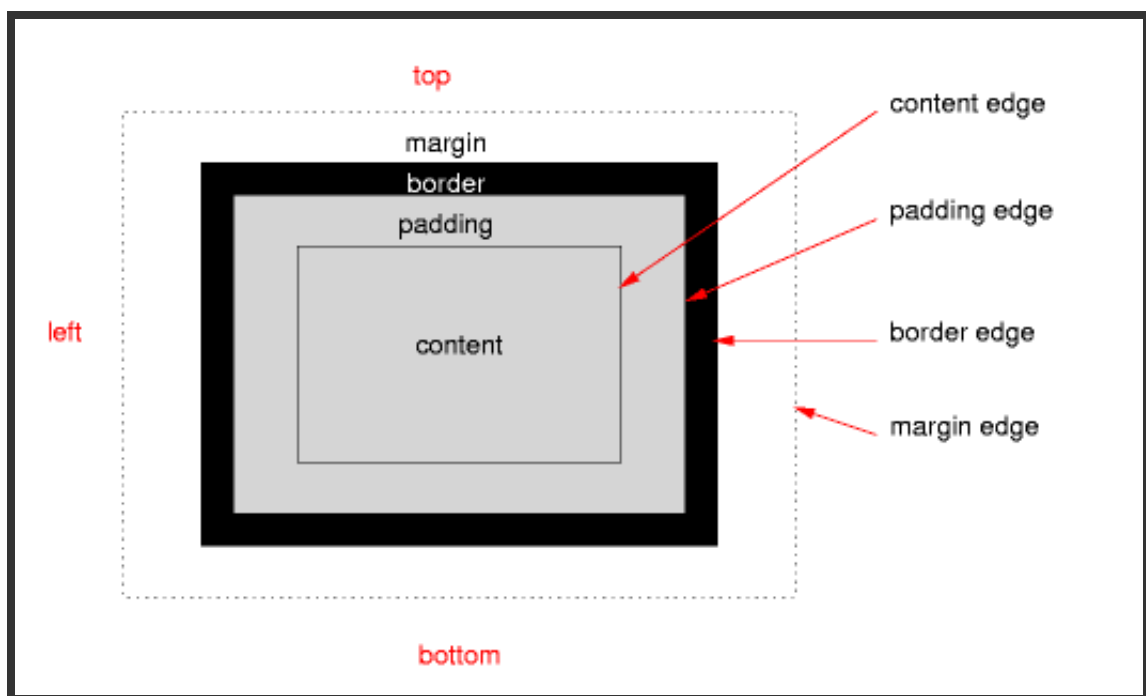
Padding

```
padding: 10px 20px 30px 40px;
```



Border

The edge around the box, specified as "thickness, style, color."



Border

A solid red border

```
border: 1px solid #ff0000;
```

A thick dotted black top border

```
border-top: 4px dotted #000000;
```

Two different border styles

```
border-top: 1px solid #ff0000;  
border-bottom: 4px dotted #000000;
```

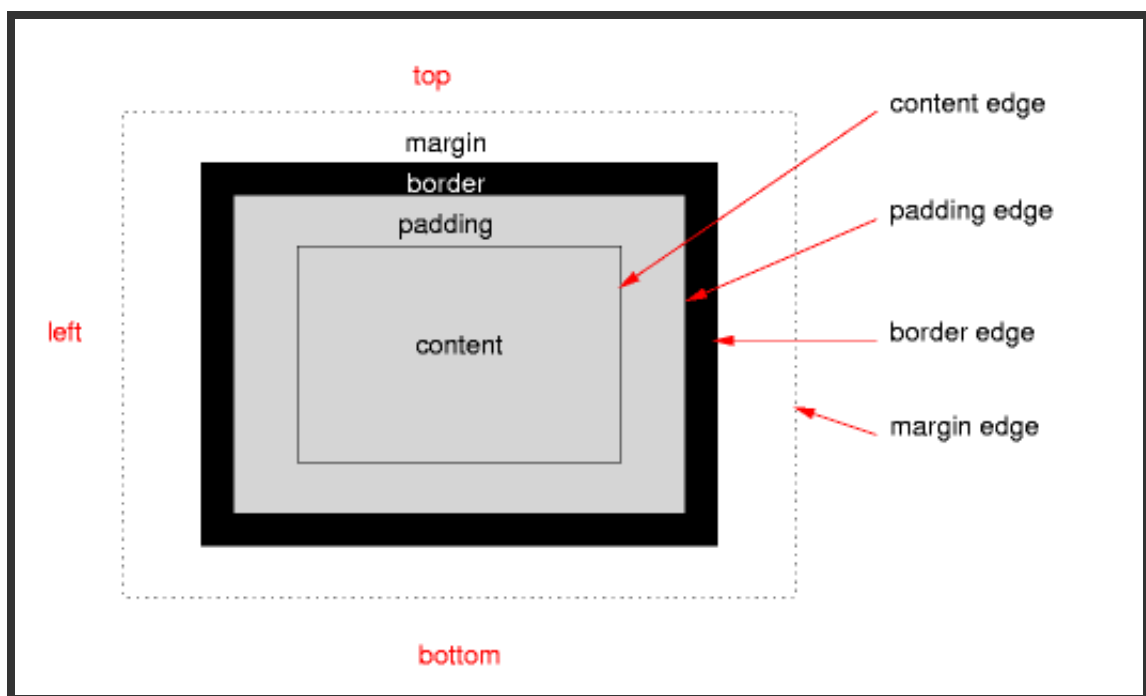
Border - Other Properties

```
border-width: 10px;  
border-style: dashed;  
border-color: #666666;
```

You can specify each property separately, or all three together.

Margin

The transparent area around the box that separates it from other elements.



Margin

15 pixels on all sides

```
margin: 15px;
```

10 on top, 5 on right, 3 on bottom,
5 on left

```
margin: 10px 5px 3px 5px;
```

10 pixels on top

```
margin-top: 10px;
```

Auto Margin

If a margin is set to auto on a box that has width, it will take up as much space as possible.

CENTERED

```
margin: auto;  
width: 300px;
```

FLUSH-RIGHT

```
margin-left: auto;  
margin-right: 5px;  
width: 300px;
```

Exercise

Try to center your portfolio using
auto margin

Start adding padding, borders and
margins to your divs to work more
on styling

Questions?



