



Umadevi Balakrishnan







WHAT IS CSS? **APPLYING STYLES SYNTAX C**OLORS PIXELS AND EMS **FONT B**ORDER LINK DECORATION **S**ELECTOR CLASS **PSEUDO C**ASCADING

3



WHAT IS CSS?

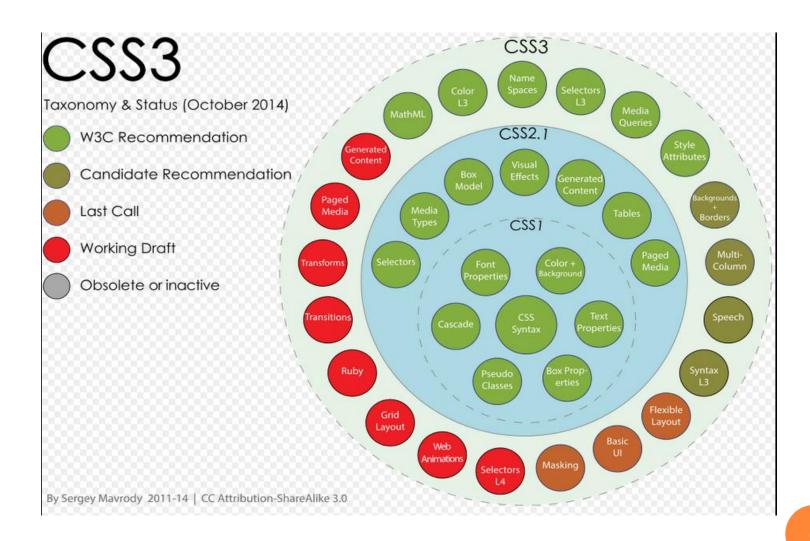
- Cascading Style Sheets
- Language used to describe the appearance and formatting of HTML
- A style sheet is a file that describes how an HTML file should look.
- Power of CSS
 - http://www.w3schools.com/css/demo_default.htm
 - http://www.csszengarden.com/214/page1



CASCADING?????

- More than one style sheet rule could apply to a particular piece of HTML
- There has to be a known way of determining which specific rule applies to which piece of HTML
- The rule used is chosen by cascading down from the more general rules to the specific rule required.
- The most specific rule is chosen.





APPLYING STYLES

Inline

<style>

stylesheet



INLINE STYLING

Red font!



Cons

- Write the same code over and over
- To make a big stylistic change ,change every single style tag



<STYLE> TAG

```
1 - <!DOCTYPE html>
 2 - <html>
               p {
                   color: purple;
           <title>Result</title>
10
11 -
           Check it out! I'm purple!
12
13
14
```





LINK IT UP!

- CSS in a totally separate file
 - Cssfilename.css
- Use a link tag in the HTML file

```
stylesheet.css

1 p {
2 font-size: 44px;
3 }
```





<LINK> TAG ATTRIBUTES

- A type attribute that should always be equal to "text/css"
- A rel attribute that should always be equal to "stylesheet"
- 3. A href attribute that should point to the web address of your CSS file

<link rel="stylesheet" type="text/css" href="stylesheet.css">



WHY SEPARATE FORM FROM FUNCTION?

- Can apply the same formatting to several HTML elements without rewriting code over and over(e.g.style="color:red":)
- Can apply similar appearance and formatting to several HTML pages from a single CSS file

CSS SYNTAX



CSS SYNTAX IS DIFFERENT FROM THE HTML

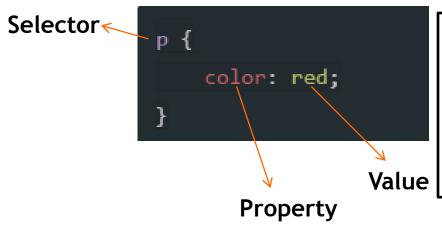
• The general format looks like this:

```
selector {
    property: value;
}
```

 Each property-value pair should end with a semicolon (;)



A **selector** can be any HTML element, such as , , or
To make a paragraph's text red with CSS



A **value** is a possible setting for a property. color can be red, blue, black, or almost any color; font-family can be a whole bunch of different fonts; and so on.

A **property** is an aspect of a selector. For instance, the font-family, color, and font-size of the text on web pages



ONE SELECTOR, MANY PROPERTIES

- Set many properties for one selector
- To set a paragraph's font, font color, and font size

```
p {
    font-family: Arial;
    color: blue;
    font-size: 24px;
}
```



LET'S DO SOME CODING....

- Sample1 folder
- Make all the h3 headings red.
- Set all the paragraphs to the Courier font-family.
 (Make sure to capitalize "Courier" as shown!)
- The second paragraph contains text between tags. Set the backgroundcolor of that to'yellow'.

COMMENTS



COLOR COMMENTARY

 Good comments will help to remind why something is done in a certain way

```
<!--I'm a comment!-->
```

```
/*I'm a comment!*/
```



LETS CHECK BEFORE WE WRECK

Instructions

- Add a link> to stylesheet.css between your <head></head> tags.
- Change the <h1> header's font-family to Verdana.
 (Make sure Verdana is capitalized as shown!)
- Change the <h3> header's font-family to Courier.
 (Make sure Courier is capitalized as shown!)
- Make the paragraph text color purple.
- Add a CSS comment .It can say anything you like.
 (Remember: HTML comments and CSS comments are written differently.)

Colors

















How does CSS know all colors?

- CSS understands millions of colors in the form of hexadecimal values
- Hexadecimal counting is base-16.
- Each digit can be the numbers 0 through 9 or the letters a through f

http://www.color-hex.com/color-palettes/

- Hex values always start with a pound sign (#), are up to six "digits" long, and are case-insensitive
 - #FFC125 and #ffc125 are the same color

PIXELS AND EMS



PIXELS

- To adjust font size, the unit used is px (for "pixels")
- A pixel is a dot on your computer screen.
- Specifying font sizes in pixels helps the user to see exactly on their screen what was designed on designers system
 - Though it is assumed that the screens are of similar size.



USING SMARTPHONE - EM SHOULD HELP!!!!

- The font-size unit em is a relative measure
- One em is equal to the default font size on whatever screen the user is using.
- It doesn't try to tell the smartphone exactly how big to make a font: it just says,

"Hey, 1em is the font size that you normally use, so 2em is twice as big and 0.5em is half that size!"



```
1 - <!DOCTYPE html>
2 - <html>
     <head>
       <title>Result</title>
     </head>
     <body>
       One em!
       Half an em!
8
       TWO EM!
     </body>
10
  </html>
11
          One em!
          Half an em!
          TWO EM!
```

A FONT OF KNOWLEDGE



How many fonts does CSS know?

- Most computers will understand popular fonts like Verdana, Courier, and Garamond
- Each individual computer has different fonts installed on it.
- CSS has some built-in defaults meant to ensure users see what designers intended.
 - serif
 - sans-serif
 - cursive

```
1 * /*Add your CSS below!*/
2 h1
3 * {
4 font-family:serif;
5 }
6 h2
7 * {
8 font-family:sans-serif;
9 }
10 h3
11 * {
12 font-family:cursive;
13 }
14 |
```



BACKUP VALUES

 We can tell CSS to try several fonts, going from one to the next if the one mentioned isn't available.

SELECTING HTML ELEMENTS



DECORATE < DIV > TAG

- background-color: which you set to a color or hex value
- Height: which you set to a value in pixels
- Width: which is also measured in pixels



LETS DO SOME DESIGNING

Instructions

- Set the background-color to#cc0000
- Set the height to 100px
- Set the width to 100px

LINKS AND TEXT DECORATION



LINKS

- Links have a lot of the same properties as regular text
 - font, color, size
- Links also have a property, text-decoration
 - To give more custom flair to the links



```
1 - <!DOCTYPE html>
           <link type="text/css" rel="stylesheet" href="stylesheet</pre>
    .css"/>
           <title>Result</title>
                                                               The below link goes to Google!
           The below link goes to Google!
           <a href="http://www.google.com/">Google</a>
                                                               Google
11 </html>
                      1 - /*Add your CSS below!*/
                         color:#cc0000;
                         text-decoration:none;
```



TEXT DECORATION PROPERTY

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 </head>
5 <body>
6
7 <h1>This is heading 1</h1>
8 <h2>This is heading 2</h2>
9 <h3>This is heading 3</h3>
10
11 </body>
12 </html>
```

```
1 h1 {
2    text-decoration: overline;
3 }
4
5 h2 {
6    text-decoration: line-through;
7 }
8
9 h3 {
10    text-decoration: underline;
11 }
```

This is heading 1

This is heading 2

This is heading 3

CSS SELECTORS



SELECTOR

- Any HTML element can be a CSS selector!



How To???

So what if you want to grab s that are inside two <div>s, and not alls?

```
<div>
<div>
I like tacos!
```

```
div div p {
    /*CSS stuff!*/
}
```



MULTIPLE SELECTORS

 It's possible to nest HTML elements inside one another

```
1 - <!DOCTYPE html>
                                                                                      div div div h3
                                                                                           color:red;
             <link type="text/css" rel="stylesheet" href="stylesheet</pre>
                                                                                   4 }
    .css"/>
             <title>Result</title>
             <h3>I'm plain old font!</h3>
                                                                            I'm plain old font!
                 <h3>Me, too!</h3>
                                                                            Me, too!
11 -
12
                     <h3>Me three!</h3>
                                                                            Me three!
                         <h3>Forget you guys. I'm about to be red!</h3
                                                                            Forget you guys. I'm about to be red!
                                                                                                               41
17
```



ONE SELECTOR TO RULE THEM ALL

- A very special selector that can be used to apply CSS styling to every element on the page
 - the * selector

```
* {
   border: 2px solid black;
}
```

 create a two-pixel wide solid black border around every element on the HTML page



```
1 - <!DOCTYPE html>
          <link type="text/css" rel="styleshee</pre>
   t" href="stylesheet.css"/>
           <title>Result</title>
           <h3>Boxes within boxes!</h3>
          Paragraph One
11
12 -
13
          Paragraph Two
15 -
              Paragraph Three
17
```

```
1 *
2 - {
3 border:1px solid #3a5fcd;
4 border-radius:5px;
5 }
```

Boxes within boxes!

Paragraph One

Paragraph Two

Paragraph Three



ROCK YOUR SELECTORS - LETS CODE

- Instructions
- Set all paragraph text to the hexadecimal color #00E5EE.
- Set all paragraph text for paragraphs nested inside div tags to the hex color #CC0000.
- Put a border with the hex color #3A5FCD around every HTML element. It can be solid, dotted, dashed, 2px, 3px, whatever you like!
- oborder : 1px solid #3a5fcd;

"C" IS FOR "CASCADING"



CASCADE

 Within CSS, all styles cascade from the top of a style sheet to the bottom, allowing different styles to be added or overwritten as the style sheet progresses.

```
p {
   background: orange;
   font-size: 24px;
}
p {
   background: green;
}
```

```
p {
   background: orange;
   background: green;
}
```



BRANCHING

- HTML document as a tree
 - Elements "branch out" from the main trunk :
 - o <html> </html> parent
 - The first two big branches :
 - <head> and <body> are siblings and are children
- Branches multiply and become finer as we get to elements
 - <div>s, s, and text



PARENTS, CHILDREN, AND SIBLINGS

```
1 <!DOCTYPE html>
 2 < \html> <!--The trunk of the tree!-->
       <head> <!--Child of html, parent of</pre>
    title,
              sibling of body-->
            <title></title> <!--Immediate child
    of head,
             child of head AND
 6
    html-->
        </head>
        <body> <!--Child of html, parent of p,
8 ~
               sibling of head-->
             <!--Immediate child of body,
10
                   child of body AND html-->
11
        </body>
12
13 </html>
```



SWINGING FROM BRANCH TO BRANCH

- Instructions
- On the CSS, target ONLY the <a>s that are children ofs and
- Set their text-decoration to none
- Set their font-family to cursive
- Don't change the link that's not part of the unordered list!



NAVIGATION USING ">"

 To grab direct children - that is, an element that is directly nested inside another element, with no elements in between

```
div > p { /* Some CSS */ }
```

- Works on s that are nested *directly* inside of <div>s
- Will not affect any paragraphs that are, say, nested inside another tag that are in turn nested inside<div>s.



```
1 * <!DOCTYPE html>
           <link type="text/css" rel="stylesheet" href="stylesheet.css"/>
           <title>Ultimate Text Challenge</title>
           Introduction: Cascading with CSS
               Synopsis: When you set a property of a selector like 'p' to a
10
   certain value, that value applies to <em>all</em> p tags.
              If, however, you change that same property to a different value
11
   for a more specific instance of p,
               that change will <em>override</em> the 'general rule'.
12
               13
14 -
15
                   If you say p { font-family: Garamond}, all 'p's will
   have the font Garamond.
                  BUT if you say li p {font-family: Verdana}, 'p's
16
   outside of 'li's will be
                         in Garamond, and 'p's INSIDE 'li's will be in Verdana.
17
                  18
19
                  The more specific your selectors are, the higher
   importance CSS gives to the styling you apply!
20
21
22
           Summary: Greater specificity makes CSS prioritize that particular
   styling.
23
```



- Make all tags have a font-family of Garamond.
- Make the introduction paragraph and the summary paragraph have a font-weight of bold
- Make the synopsis paragraph have the color #7AC5CD.
- Make the paragraphs in the unordered list have the color #000000 and text-decoration underline.



SOLUTION

```
1 - /*Add your CSS below!*/
    font-family:Garamond;
    font-weight:bold;
    div > p
    color:#7ac5cd;
10
    div ul p
12 - {
    color:#000000;
    text-decoration:underline;
14
15
16
17
```

CLASS AND ID SELECTORS



BEYOND HTML ELEMENTS

- All HTML elements can be CSS selectors
- * is the universal selector
- There are two important selectors in addition to the universal selector and HTML elements
 - Class
 - ID



BARCODES AND SERIAL NUMBERS



CLASS







```
1 - <!DOCTYPE html>
           <link type="text/css" rel="stylesheet" href="stylesheet"</pre>
    .css"/>
           <title>Result</title>
           <h3 class="red"; I'm an h3 header in the red class!</h3>
           <h3>I'm just a regular old h3 header.</h3>
           I'm a paragraph in the red class!
           I'm just a regular old paragraph.
11
           I'm a rogue paragraph! I do what I want!</p</pre>
12
```

```
2 - .red {
       color: red;
   #rogue {
       color: #FF00FF;
       font-weight: bold;
       font-family: cursive;
```

I'm an h3 header in the red class!

I'm just a regular old h3 header.

I'm a paragraph in the red class!

I'm just a regular old paragraph.

I'm a roque paragraph! I do what I want!



KEEPING IT CLASSY

- Classes are useful when you have a bunch of elements that should all receive the same styling.
- Rather than applying the same rules to several selectors, simply apply the same class to all those HTML elements
- Classes are assigned to HTML elements with the word class and an equals sign

```
<div class="square"></div>
<img class="square"/>
```

```
.square {
   height: 100px;
   width: 100px;
}
```



ID, PLEASE!

- Used when exactly one element should receive a certain kind of styling
- IDs are assigned to HTML elements with the word id and an equals sign
- IDs are identified in CSS with a pound sign (#)
- This allows you to apply style to a single instance of a selector, rather than all instances



Using ID

```
<div id="first"></div>
<div id="second"></div>
```

```
#first {
    height: 50px;
}

#second {
    height: 100px;
}
```



```
Welcome to the serious block...

Iam a cool block:P
```

```
1  /*Define your CSS id #serious below!*/
2  #serious
3  {
4   color:#cc0000;
5   font-family:Courier;
6   font-weight:bold;
7  }
8
```



PUTTING IT ALL TOGETHER

Instructions

- o In HTML:
- Give the h2 header an ID of "intro".
- Give the first h3 and first p a class of "standout".
 Don't do anything to the second h3 and p!
- o In CSS:
- Inside the #intro selector, set color to #B83C3A.
- Inside the .standout selector, setcolor to #F7AC5F and font-family to Verdana.

PSEUDO-CLASS SELECTORS



FINER CONTROL

- A pseudo-class selector is a way of accessing HTML items that aren't part of the document tree
- It's very easy to see where a link is in the tree. But where would you find information about whether a link had been clicked on or not?
- Pseudo-class selectors are used to style these kinds of changes in HTML document
- For example
 - Control the appearance of unvisited and visited links & even links the user is hovering over but hasn't clicked!



The CSS syntax for pseudo selectors is

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

```
1 * a:hover {
2     color: #cc0000;
3     font-weight: bold;
4     text-decoration: none;
5 }
```



LINKS

- There are a number of useful pseudo-class selectors for links, including:
- o a:link: An unvisited link
- o a:visited: A visited link
- o a:hover: Hovering mouse over the link



Google Yahoo CSS Corp



LETS CODE

Instructions

- Add three links between the div tags. They can link to any websites you like!
- In the CSS, set all a:links to have no text decoration and a color of#008B45.
- Set all a:hovers to have a color of#00FF00.
- Set all a:visiteds to have a color of #EE9A00.

Google
Yahoo
CSS Corp

Google Yahoo CSS Corp

```
text-decoration:none;
    a:links
    color:#008b45;
   text-decoration:none;
11 a:hover
12 -/
   color:#cc0000;
13/
   text-decoration:none;
15
   a:visited
17
   color:#ee9a00;
20 text-decoration:none;
```

Google Yahoo CSS Corp

PSEUDO SELECTORS – CHILD



FIRST CHILD

 Another useful pseudo-class used to apply styling to only the elements that are the first children of their parents

```
p:first-child {
    color: red;
}
```

 Would make all paragraphs that are the first children of their parent elements red



```
Wired to SUPPORT
 1 < <!DOCTYPE html>
            <link type="text/css" rel="stylesheet" href="stylesheet</pre>
    .css"/>
            <title></title>
                I'm the first child!
                We're not.
                \delta p>\delta e not.
11
                                                          I'm the first childl
12
                We're not.
                \delta p>\delta e not.
13
                                                          We're not
                We're not.
                                                          We're not
15
                We're not.
                                                          We're not
17
        </body>
                                                          We're not.
                                                           We're not.
```



NTH CHILD

- Can select any child of an element after the first child
- Add the child's number in parentheses after the pseudo-class selector

```
p:nth-child(2) {
    color: red;
}
```

```
1 - <!DOCTYPE html>
            <link type="text/css" rel="stylesheet" href="stylesheet</pre>
    .css"/>
            <title></title>
                I'm the first child!
                We're not.
                We're not.
11
               We're not.
12
13
               \delta p \delta delta re not. \delta /p \delta 
               We're not.
14
                We're not.
17
18
```

```
I'm the first child!

We're not.

We're not.

We're not.

We're not.
```



```
1 * /*Add your CSS below!*/
    p:first-child
    color:red;
    font-family:cursive;
    p:nth-child(2)
        font-family:Tahoma;
11 p:nth-child(3)
13
        color:#cc0000;
15 p:nth-child(4)
        background-color:#00ff00;
17
    p:nth-child(5)
        font-size:22px;
21
```



Show it if you know it!

Instructions

- Add three links to the body of the HTML document.
 They can go anywhere and the text between the tags can say whatever you like.
- In the CSS, set the all a:hovers to have no textdecoration.
- Set the first link to the color#CDBE70. (Remember: in this case, the first link also happens to be the first child of the body element.)
- Set the third link to the color#FFC125.

CSS Positioning



Position

- Controlling the position of HTML elements allows incredibly fine control over how the pages look
- No longer will <div>s sit directly on top of one another!
- Elements populate the page in the CSS box model



TAKING UP SPACE

- Each HTML element gets its own box to live in.
- The outermost box of each element goes all the way across the page.
- HTML elements by default ,take up the full width of the page.
- This can be handled with the display property

DISPLAY



DISPLAY PROPERTY

- block: This makes the element a block box. It won't let anything sit next to it on the page! It takes up the full width.
- inline-block: This makes the element a block box, but will allow other elements to sit next to it on the same line.
- inline: This makes the element sit on the same line as another element, but without formatting it like a block. It only takes up as much width as it needs (not the whole line).
- none: This makes the element and its content disappear from the page entirely!

12

13 </html>

```
Wired to SUPPORT
```

```
border: 1px dashed blue;

',

#one {
    background-color: #FF0000;
}

#two {
    background-color: #0000FF;
}

#three {
    background-color: #FFD700;
}

#four {
    background-color: #308014;
}
```



```
border: 1px dashed blue;
 5 - div {
        height: 50px;
        width: 100px;
        border: 2px solid black;
        border-radius: 5px;
        /*Add your CSS here!*/
        display:block;
    #one {
        background-color: #FF0000;
    #two {
        background-color: #0000FF;
22 - #three {
        background-color: #FFD700;
26 - #four {
        background-color: #308014;
```

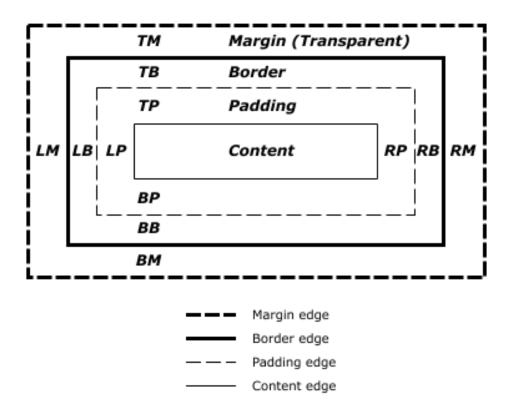


```
1 - * {
        border: 1px dashed blue;
 5 → div {
        height: 50px;
        width: 100px;
        border: 2px solid black;
        border-radius: 5px;
        /*Add your CSS here!*/
        display:inline-block;
11
12
13
15 - #one {
        background-color: #FF0000;
19 → #two {
        background-color: #0000FF;
23 - #three {
        background-color: #FFD700;
25
27 - #four {
        background-color: #308014;
```

Box Model



Box Model

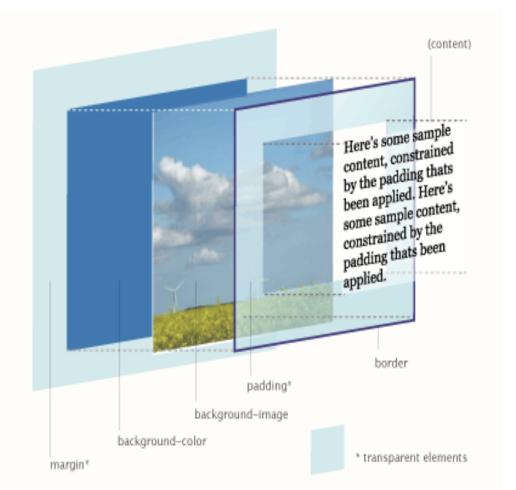


Every element on a page is a rectangular box



Properties of Box Model

- The margin is the space around the element.
 - The larger the margin, the more space between element and the elements around it.
 - Can adjust the margin to move HTML elements closer to or farther from each other.
- The border is the edge of the element.
 - It's what we've been making visible every time we set the border property.
- The padding is the spacing between the content and the border.
 - Can adjust this value with CSS to move the border closer to or farther from the content.
- The content is the actual "stuff" in the box.
 - If we're talking about a element, the "stuff" is the text of the paragraph.





```
div {
   border: 6px solid #949599;
   height: 100px;
   margin: 20px;
   padding: 20px;
   width: 400px;
}
```

total width of an element



Margin & Padding Declarations

- There is more than one way to declare values for certain properties.
 - Longhand listing multiple properties and values one after the other, in which each value has its own property.
 - Shorthand listing multiple values with one property.
- The margin and padding properties come in both longhand and shorthand form

!!!!Not all properties have a shorthand alternative!!!



```
border: 1px dashed black;
5 - div {
        height: 50px;
        width: 100px;
        border: 2px solid black;
        border-radius: 5px;
        background-color: #308014;
11 - /*
       margin:auto;*/
12
```

```
border: 1px dashed black;
   div {
        height: 50px;
        width: 100px;
        border: 2px solid black;
        border-radius: 5px;
        background-color: #308014;
10
        margin:auto;
12
```



```
margin-top: /*some value*/
margin-right: /*some value*/
margin-bottom: /*some value*/
margin-left: /*some-value*/
```



To set the same value for all four sides of an element

```
div {
   margin: 20px;
}
```

 To set one value for the top and bottom and another value for the left and right sides of an element

```
div {
   margin: 10px 20px;
}
```

To set unique values for all four sides of an element

```
top bottom

div {

margin: 10px 20px 0 15px;
} left
```



```
1 * {
2    border: 1px dashed black;
3  }
4
5 * div {
6    height: 50px;
7    width: 100px;
8    border: 2px solid black;
9    border-radius: 5px;
10    background-color: #308014;
11    margin:20px 50px 10px 5px;
12 }
```



BORDER



BORDERING ON INSANITY

- Many HTML elements support the border property.
- Especially useful with tables.
- The border property supports several values.
 - For example, for a border 2 pixels thick, solid, and red

```
selector {
   border: 2px solid red;
}
```







LETS DO SOME CODING

- In the stylesheet.css
- Set your td(table data cells) to have a height of 50px
- Give your td a border of 1px dashed blue.
- Give your table a border of 1px solid black.





PADDING

- The space between the border and the innermost layer: the actual content.
- Padding can be set in two ways

```
padding-top: /*some value*/
padding-right: /*some value*/
padding-bottom: /*some value*/
padding-left: /*some-value*/
```

padding: value

padding: value value value;



LETS DO SOME PADDING!

Instructions

- Give that div a border of 1px solid black.
- Give it a background color of#CC0000.
- Set its top margin to 10px, its right margin to 5px, its bottom margin to 5px, and its left margin to 50px.
- Set its top padding to 0px, its right padding to 30px, its bottom padding to 0px, and its left padding to 10px.

FLOATING



TO THE RIGHT!

- How do we determine where the html elements go on the page?
- One way to position elements on a page is with the float property.

```
1 < !DOCTYPE html>
                                                      1 - div {
2 < <html>
                                                             height: 300px;
   <head>
                                                             width: 100px;
           <link type="text/css" rel="styleshee</pre>
                                                             border: 2px solid black;
   t" href="stylesheet.css"/>
                                                             border-radius: 5px;
           <title>Result</title>
                                                             background-color: #308014;
    </head>
                                                             /*Add your CSS here!*/
           <div></div>
      </body>
   </html>
```



```
1 < !DOCTYPE html>
2 ~ <html>
            <link type="text/css" rel="styleshee</pre>
   t" href="stylesheet.css"/>
            <title>Result</title>
       </head>
           <div></div>
   </html>
         1 - div {
                 height: 300px;
                 width: 100px;
                 border: 2px solid black;
                 border-radius: 5px;
                 background-color: #308014;
                 /*Add your CSS here!*/
                 float:right;
```



FLOAT PROPERTY VALUE

Value	Description
none	The element is not floated, and will be displayed just where it occurs in the text. This is default
left	The element floats to the left
right	The element floats the right



FLOAT FOR TWO

Can use floated elements to naturally divide our

pages into different sections

```
1 - div {
        height: 300px;
        width: 300px;
        border: 2px solid black;
        border-radius: 5px;
        background-color: #308014;
        /*Add your CSS here!
        float:right;*/
11 - p {
        font-family: Verdana, sans-serif;
12
        font-size: 20px;
13
        width: 280px;
14
        /*Add your CSS here!
        float:left;*/
```



Check it out! I'm a block of text, but the <div> and I can live in harmony. Boats on a sea, man. Boats on a sea.



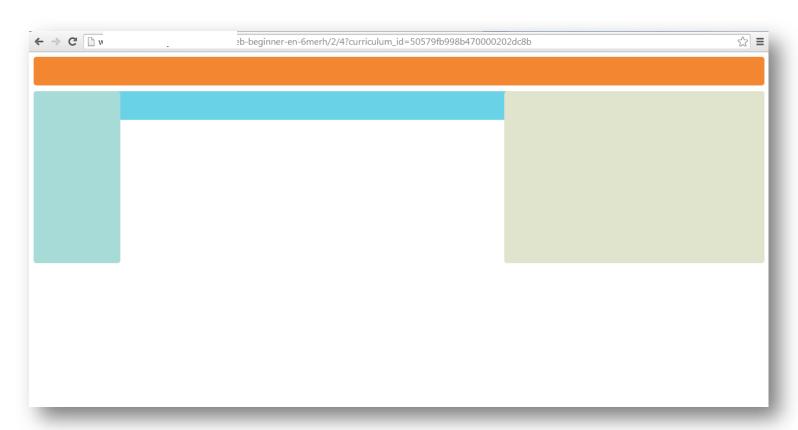
```
1 → div {
        height: 300px;
        width: 300px;
        border: 2px solid black;
        border-radius: 5px;
        background-color: #308014;
        /*Add your CSS here!*/
        float:right;
10
11 - p {
12
        font-family: Verdana, sans-serif;
13
        font-size: 20px;
14
        width: 280px;
        /*Add your CSS here!*/
15 ▽
        float:left;
17
```

Check it out! I'm a block of text, but the <div> and I can live in harmony. Boats on a sea, man. Boats on a sea.



CLEARING ELEMENTS

 Sometimes elements do end up on top of each other





CLEAR PROPERTY

- Left will immediately move below any floating elements on the left side of the page
- Right can also clear elements on the right.
- Both will get out of the way of elements floating on the left and right!

```
element {
    clear: /*right, left, or both*/
}
```



```
4
5 * #header {
6     height: 50px;
7     background-color: #F38630;
8     margin-bottom: 10px;
9 }
10
11 * .left {
12     height: 300px;
13     width: 150px;
14     background-color: #A7DBD8;
15     float: left;
16     margin-bottom: 10px;
17 }
```

```
18 * .right {
19     height: 300px;
20     width: 450px;
21     background-color: #E0E4CC;
22     float: right;
23
24     margin-bottom: 10px;
25  }
26 * #footer {
27     height: 50px;
28     background-color: #69D2E7;
29 * /*Add your CSS here!*/
30     clear:both;
31 }
```



Positioning

Static

- A static positioned element is always positioned according to the normal flow of the page.
- Static positioned elements are not affected by the top, bottom, left, and right properties.

Fixed

 An element with a fixed position is positioned relative to the browser window, and will not move even if the window is scrolled

Relative

 A relative positioned element is positioned relative to its normal position

Absolute

 An absolute position element is positioned relative to the first parent element that has a position other than static.

TEXT EFFECTS



BROWSER SUPPORT

Property		©	(3)		0
text-shadow	10.0	4.0	3.5	4.0	9.5
word-wrap	5.5	23.0	3.5	6.1	12.1



TEXT SHADOW

text-shadow: h-shadow v-shadow blur-radius color none initial inherit;

```
h3
{
    color: white;
    text-shadow: 2px 2px 2px black;
}
```

</body>

Lorem Ipsum is simply dummy text of the pri unknown printer took a galley of type and ser remaining essentially unchanged. It was popu publishing software like Aldus PageMaker in



MULTIPLE SHADOWS

```
h3
{
    color: white;
    text-shadow: Opx Opx 5px green, 0 0 10px red;
}
```

Lorem Ipsum is simply dummy text of the printing and typesetting industry unknown printer took a galley of type and scrambled it to make a type speci remaining essentially unchanged. It was popularised in the 1960s with the republishing software like Aldus PageMaker including versions of Lorem Ipsu





```
text-align: left|right|center|justify|initial|inherit;
```

```
h1 {
    text-align: center;
}

p.date {
    text-align: right;
}

p.main {
    text-align: justify;
}
```



TEXT-DECORATION

text-decoration: none|underline|overline|line-through|initial|inherit;

Property Values

Value	Description	
none	Defines a normal text. This is default	
underline	Defines a line below the text	
overline	Defines a line above the text	
line-through	Defines a line through the text	

```
h1 {
    text-decoration: overline;
}

h2 {
    text-decoration: line-through;
}

h3 {
    text-decoration: underline;
}
```

This is heading 1

This is heading 2

This is heading 3



TEXT-INDENT

Indent the first line of element

```
p {
    text-indent: 50px;
}
```

Property Values

Value Description

length Defines a fixed indentation in px, pt, cm, em, etc. Default value is 0

Defines the indentation in % of the width of the parent element



TEXT-OVERFLOW

text-overflow: clip|ellipsis|string|initial|inherit;

Property Values

Value	Description
clip	Default value. Clips the text
ellipsis	Render an ellipsis ("") to represent clipped text
string	Render the given string to represent clipped text



TEXT-TRANSFORM

text-transform: none|capitalize|uppercase|lowercase|initial|inherit;

Property Values

Value	Description
none	No capitalization. The text renders as it is. This is default
capitalize	Transforms the first character of each word to uppercase
uppercase	Transforms all characters to uppercase
lowercase	Transforms all characters to lowercase

```
p.uppercase {
    text-transform: uppercase;
}

p.lowercase {
    text-transform: lowercase;
}

p.capitalize {
    text-transform: capitalize;
}
```

THIS IS SOME TEXT.

this is some text.

This Is Some Text.



COLUMN COUNT

column-count: number auto initial inherit;				
Property Values				
Value	Description			
number	The optimal number of columns into which the content of the element will be flowed			
auto	Default value. The number of columns will be determined by other properties, like e.g. "column-width"			

```
h3
{
    color: white;
    text-shadow: Opx Opx 5px green, 0 0 10px red;
    text-indent: 50px;
    -webkit-column-count: 3;
}
```



← → C ☐ file:///E:/css3/texteffects/index.html

type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the

release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.





COLUMN GAP & RULE

Pixel gap between the columns

```
div {
    -webkit-column-gap: 40px; /* Chrome, Safari, Opera */
    -moz-column-gap: 40px; /* Firefox */
    column-gap: 40px;
}
```

 Specify the width, style and color of the rule between columns

```
div {
    -webkit-column-rule: 4px outset #ff00ff; /* Chrome, Safari, Opera */
    -moz-column-rule: 4px outset #ff00ff; /* Firefox */
    column-rule: 4px outset #ff00ff;
}
```



COLUMN SPAN

column-span: 1|all|initial|inherit;

Property Values

Value	Description	
1	Default value. The element should span across one column	
all	The element should span across all columns	



COLUMN SPAN

```
h3
{
    color: white;
    text-shadow: Opx Opx 5px green, 0 0 10px red;
    text-indent: 50px;
    -webkit-column-count: 5;
    -webkit-column-gap: 40px;
    -webkit-column-rule: 4px dotted teal;
}
h2
{
-webkit-column-span:all;
}
```

Lorem Ipsum is simply dummy text of the printing and typesetting industry.

the industry's standard dummy text ever since (the 1500s, when an unknown

printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.



Sample

```
#msg
{
    color: white;
    text-shadow: Opx Opx 5px green, 0 0 10px red;
    text-indent: 50px;
    -webkit-column-count: 3;
    -webkit-column-gap: 40px;
    -webkit-column-rule: 4px dotted teal;
}
h3
{
    color:black;
    -webkit-column-span:1;
}
```

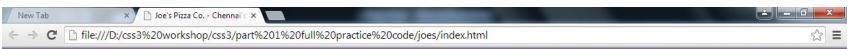
Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Lorent Ipsum has been the industry's standard dummy

text ever since the L500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem.

Ipsum passages and more recently with desktop publishing software like Aldus PageMaker including versions of Lorenthsum





Joe's Pizza Co.,

About Joe's

Joe's Latest News

Joe's Spl Menu

Find Joe's at ..

Bookings



Welcome to Joe's Pizza Co.

We pride ourselves on serving up the best pizzas in Chennai City. Come and visit one of our family-friendly restaurants and take a look at our wide range of authentic Italian pizzas. We can also deliver direct to your door with our speedy takeaway service.

Please take a look at the Locations page for more information about where you can find our fantastic restaurants.

Special Offers

10% Off All Pizzas When You Eat In!

20% Off Joe's Pepperoni Special with the promo code ChennaiBESTPIZZA

© Joe's Pizza Co.All Rights Reserved - SiteMap



























