

# MORE CSS

Week 4 - IST 263

# SUMMARY

- What is CSS & how does it affect HTML?
- How to apply CSS?
- CSS Specificity
- ‘Cascading’ Style Sheet
- CSS Vocabulary

# HTML => DOM Tree

```
<!doctype html>
<html lang="en">

  <head>
    <title>IST 263</title>
  </head>

  <body>
    <p>Hello World !!!</p>
  </body>

</html>
```

# CSS Vocabulary

- Selector
- Property
- Value
- CSS Declaration
- CSS Declaration Block






```
h1 {  
    font-size: 35px;  
    font-weight: normal;  
    text-align: center;  
    color: #666;  
}
```

# TODAY'S CLASS

- Fonts
- Colors
- Values & Units
- Long Hand / Short Form CSS
- Backgrounds
- Block / Inline Elements
- Box Model

# CSS COLORS

## Basic Colors: Red, Green & Blue

Color	HEX	RGB	Color
	#FF0000	rgb (255, 0, 0)	Red
	#00FF00	rgb (0, 255, 0)	Green
	#0000FF	rgb (0, 0, 255)	Blue
	#000000	rgb (0, 0, 0)	Black
	#FFFFFF	rgb (255, 255, 255)	White

```
h2 {  
  color: #ff0000;  
}
```

```
h2 {  
  color: rgb(255,0,0);  
}
```

```
h2 {  
  color: red;  
}
```

# PSYCHOLOGY OF COLOR

Marketers see color as an important tool that can be used to influence consumer's emotions and perceptions

[https://en.wikipedia.org/wiki/Color\\_psychology](https://en.wikipedia.org/wiki/Color_psychology)

# TOOLS TO HELP

- <https://coolors.co>
- [paletton.com](https://paletton.com)
- Browser Add-on: Colorpicker



# SPECIFYING SIZES IN CSS

- In Pixels, ***Ex: width: 1000px;***

Pixels are an Absolute value

- In Percentages, ***Ex: width: 100%;***

This is a relative value; relative to the parent element

- in Ems, ***Ex: width: 10em;***

- 1em = 16px;

- <https://stackoverflow.com/questions/609517/why-em-instead-of-px>

# FONTS

- CSS Font Properties

```
p {  
    font-family: Helvetica, "Trebuchet MS", Verdana, sans-serif;  
}
```

- Custom Fonts

```
@font-face {  
    font-family: "myFont";  
    src: url("myFont.ttf");  
}
```

- Fonts via Google or the Web

# CSS BACKGROUNDS

# BLOCK / INLINE

- Block Elements

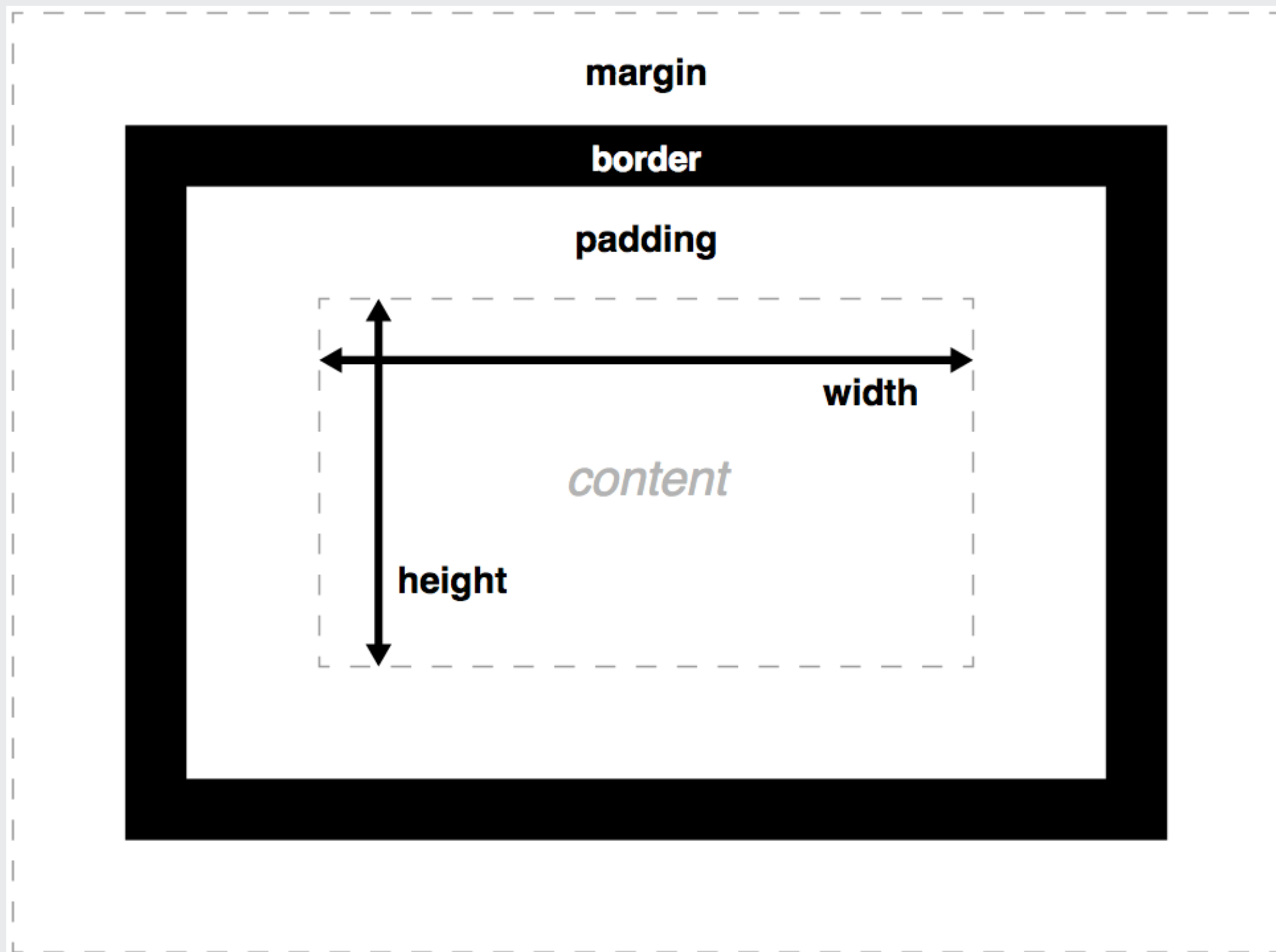
These HTML elements form a visible block on a page. Eg: List, Paragraph, etc

- Inline Elements

These elements are contained within block-level elements and surround only small parts of the document's content.

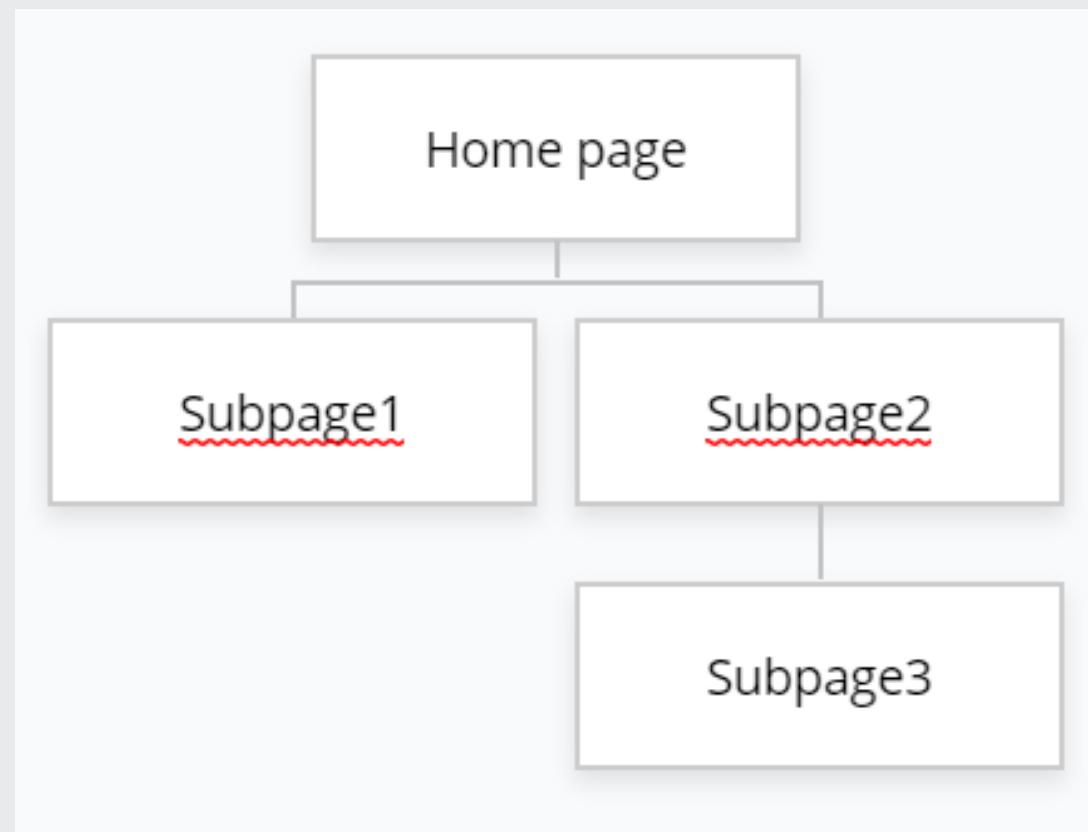
E.g., Span, Anchors (links), etc.

# BOX MODEL



# PROJECT DELIVERABLE

Site Map + Image/Media List



# CSS SELECTORS

Next Class