Announcements

- Midterm on Monday (we will start at 2pm)
- Use a pencil
Web Developer Firefox Extension

- Located at:
  https://addons.mozilla.org/firefox/60/
Miscellaneous Properties

- text-indent \(\rightarrow\) specifies the indentation to use for the first line of a block
- line-height \(\rightarrow\) height of a line of text
- letter-spacing \(\rightarrow\) space in-between letters
- word-spacing \(\rightarrow\) space in-between words
Inline vs. Block Formatting

- **Block elements** generate a **principal block box**
- **Inline elements** generate an **inline box**
- **Inline formatting context** – boxes are laid out horizontally, one after another starting at the top of a containing block
- **Block formatting context** – boxes are laid out one after the other, **vertically**, from the top of a containing block.
Positioning Schemes

- Normal Flow
  - Boxes follow a block or inline formatting context but not both at the same time.
  - Block boxes use block formatting context
  - Inline boxes use inline formatting context

- Floats
  - A box is laid out according to normal flow
  - The box is then taken out of the flow and shifted to the left or right as far as possible

- Absolute Positioning
  - The box is removed from the normal flow and assigned a position with respect to a containing block

Information from:  
http://www.w3.org/TR/REC-CSS2/visuren.html#display-prop
**position Property**

- The **position** and **float** properties allow us to choose a position scheme to compute the position of a box.
- The position property allow us to select between normal and absolute positioning.
- We can use the **top**, **right**, **bottom**, **left** properties to define the actual position.
- The **position** property can have the following values:
  - **static** – default value which indicates the box should be laid out according to normal flow
  - **relative** – the box is offset relative to the position it would be placed according to normal flow
  - **absolute** – the box is taken out the normal flow and its position (and/or size) defined by using top, right, bottom, left properties.
  - **fixed** – the box’s position is calculated as in **absolute** but in addition the box is fixed with respect a reference (e.g., viewing area of the browser)
**float Property**

- Indicates whether a box floats shifting surrounding content
- Values:
  - right – floats box to the right and content to the left
  - left – floats box to the left and content to the right
- Example: `floatOtherElements.html, floatOtherElements.css`
- The float property used instead of align attribute in img
- The float property can be used with elements other than images
- Provides an alternative to table-based layout
Examples for position Property

- Example: positionAbsolute.html, positionAbsolute.css
- Example: positionRelative.html, positionRelative.css
One-Column Page Layout

- Use % to make column width flexible
- Example: oneColumnPageLayout.html, oneColumnPageLayout.css