

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 → specifies the indentation to use for the first line of a block
- line-height → height of a line of text
- letter-spacing → space in-between letters
- word-spacing → 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