* Content-first webpage
  + Minimal styling
  + Focus is on content/text
* Layout-first
  + Focus on styling
  + Content comes last

## 3 Points

1. How a browser deals with one single element
   1. I.e. from one line of html to how it appears in the browser
2. How the browser deals with elements relative to each other
3. Positioning outside of the frame of reference to the rest of the document

## Tools

* Right-click -> view page source
  + Look at the html, CSS and JavaScript
* Right-click -> inspect
  + Developer tools
  + Top left corner (box with arrow)
    - Allows you to hover over a particular element and see the specific html related to it
    - Selecting a particular element, we can see the related CSS in the bottom left box of dev tools
      * Crossed out CSS means it has been overridden
      * The colours seen when hovering correspond to box model components
      * Checkboxes turn the CSS on/off

## The Box Model

* Components
  + Width
  + Height
  + Border
  + Margin
    - White space outside of the element relative to the next element
  + Padding
    - The space between the HTML content and the inner edge of the border

## Syntax

* Border
  + When using shorthand
    - For border, the order of the properties doesn’t matter
* Margin
  + Shorthand
    - With two values for uniform top-bottom(first) and left-right(second)
    - With four values if differing – clockwise from top
* Padding
  + Shorthand same as margin

## Display

* Inline
  + Can no longer control width and height
  + Browser is only concerned with
  + Span is an inline equivalent to div (also a tag)
  + Things like a link or a strong tag
* None
  + Hides
  + Used when we want something to show later
    - Until a certain point with the user’s interaction with the page
* Inline-block
  + Says two elements should go side by side

## Position

* Absolute
  + Pops the content out of the flow of the document
  + Top, left, bottom, right : px
    - All move the element relative to the browser window
    - Or to the nearest parent with explicit relative position
* Relative
* Fixed
  + Stays in position in the browser window when scrolling
* Static
  + Not affected by top, bottom, right, left

Floats

Flexbox

Translate