Display and Visibility

Display is Key to Layout

- **Every element is a box**

- **Display affects the layout of neighboring elements**

Common Values

- **inline: sits next to other elements**
    - **takes up "just enough" width and height**
- **block: forces line break**
    - **default: take up all horizontal width and "just enough" height**
    - **rules can set height and width**

Common Values

- **inline-block:**
    - **same as inline, but accepts height and width**
- **none: removed from page**
    - **Still in DOM, but not visual (even to SRs)**

Example

Complementary Properties

- **float**
    - Reposition elements to the right or left.
    - Elements are aware of one another and will not overlap.
    - Values: left, right

- **clear**
    - Used to keep floating elements away
    - Values: left, right, both

Example

Element Overflow

- **What happens when you set a height/width and the content doesn't fit any longer?**

- **Use overflow to determine access**

Overflow

- **visible**: Can cause text to show up "on top" of other text

- **hidden**: Hides anything that goes beyond bounding box

  - This can cause problems since if the user increases font size, they may not be able to see content

- **scroll**: Gives horizontal and vertical scrollbars

- **auto**: Adds scrollbars as needed

Example

Other Display Values

- **New display properties are available, but not always supported:**
  - **Table**
  - **Grid**
  - **Flexbox**

display:table

- **Sometimes you want to have table-like layout without using table structure, use display:table along with display:table-cell for elements.**

Example

Visibility

- ## Specifies whether or not element is visible

- ## Options include:

  - ### visible

  - ### hidden

  - ### collapse (only for table elements)

- ## Unlike display:none a hidden element is still part of the DOM and still takes up space

Review

- **Display is just one tool for positioning our elements on the page**

- **Early design will make the coding easier**

- **Utilize tools to see the different options**

Acknowledgements/Contributions