Display property

-Inline

-Block

-Inline block

-none

li{display.inline}; 🡪 sets a list to inline instead of block

position property

static (default

relative

left, right, top, bottom

absolute

left, right, top, bottom in regards to the parent

fixed

left right top bottom in regards to active window (will follow with scroll)

CSS layout tools

Flexbox- does portioning

Grid layout- 2d grid

Column layout

Inheritance

Borders margins and padding not inherited

CSS resets

Remove browser defaults

Set to 0

Adaptive design

Lots of CSS files, 1 per resolution

Responsive design

1 CSS file that automatically reformats the page based on resolution

Often use libraries like bootstrap

Bootstrap is 12 column grids

MVC

Model view controller

Model- object oriented data sent to or received from the client

View- the templates for the HTML (layout appearances) display logic +CSS, JS

Controller- objects that receive requests construct a response based on the model and view together

View 🡪 Model

Controller 🡪 view

Controller 🡪 model

Inversion of control- you don’t call the framework, the framework calls you