Advanced web developer bootcamp notes

# CSS

## Animations

Animations can add context, provide feedback, creating an illusion of speediness and responsiveness, to link actions and add a feel of polish can improve the users perception. An integral part of designing a website.

## Triggers

We need something to trigger the animations for this we use ‘Psuedoclasses’. Which allows to select an element based on it’s particular state.

### :hover

When a user interacts with an element without clicking on an element.

### :focus

When a user has interacted an element and the desire is to bring focus to this

### :active

Triggers when an element is being activated by a user. This is different to focus in that it is not a state that persists after the release of a mous-click. It is a more immediate state.

### Transform

Let’s you manipulate the coordinate space of the css visual formatting model. Let’s you mode, warp, rotate, and scale elements.

# Flexbox

It’s a more efficient way to lay out, align and distribute space among items in a container.

Two sets of properties

Container properties and flex item properties