Creating My Portfolio Website

**Flexbox**:

Define Flex Container –

* Set the display of the containing element to ‘flex’

Define Flex Direction –

* Flex-direction: specifies which direction the container will stack the flex items
* Column – stacks items vertically Top to Bottom
* Row – stacks items horizontally Right to Left

Define Flex Wrap –

* Flex-wrap: simply specifies if the flex items should wrap or not if necessary

Other Stuff –

* Justify-content: horizontal aligning items
* Align-items: supposedly vertically aligns item
* having margin: 0 auto; along with width: 100% is useless because you element will take the full space.
* float: left will float the elements on the left, until there is no space left, thus they will go on a new line. Use display: inline-block to be able to display elements inline, but with the ability to provide size (compared to display: inline where width/height are ignored)

Things Learned:

* &times 🡪 an x
* Z-index

Things Confused About:

* Applying the font-size style to <header> results in bigger font than the same font-size applied to the <h1> inside that header. Why?
* Margin: 0 vs margin: auto
* HOW TO GET ALL PAGES TO FIT SCREEN WITHOUT SCROLLING???
* CSS styles specifying only part of the class name; more generalizing to include more classes???
* CSS multi-column layout similar to bootstrap??

Nav Menu:

* How to get rid of the horizontal scrolling when I have the width: 50% & height: 0%
* When attempting to toggle the ‘Open Nav Menu’ & ‘Close Nav Menu’ functionality –
* Toggling classes for the several different elements I would need to make changes to would be a lot of extra code
* Then I attempted to shortcut this method by removing the nav menu’s current class and assigning it a new one. I then grabbed this new class (which I added to my CSS file, copying all of the styles from the original class that I removed) in my jQuery method and attempted to apply all of the reverse styles/functionality that was done originally when opening the menu. However, by using an alert statement I discovered this method didn’t actually seem to recognize the new class??
* Using an if statement to check the opacity of the second bar gave me the ability to open the menu if the opacity was 1 (visible), or close the menu if the opacity was 0 (not visible) This is because when opening the menu I designed the 3 bars to rotate & translate into an ‘X’, hence, the third bar is made invisible when the menu is opened.