Class Activity 3 – Nicholas Karpovitch

**Members**: Nick, Violet, Rahul, Yacine

**Process**: When starting, we opened the project first to see what it looked like. Afterwards, we went through the list of challenges sequentially to figure out what needed to be changed in the files. A lot of the fixes I more or less knew already and just had to play around with, but when I needed to look something up, W3Schools and MDN Web Docs were useful for HTML and CSS documentation.

1. Extra Whitespace: I think we went over this fix in class last week, but our initial understanding was: “we need to remove the space outside a container”. The container in this case was the **body** (the main parent visible content container), and the outside space is its **margin**. [By default, the body has an 8px margin](https://www.w3schools.com/cssref/css_default_values.php), so we just set it to 0 to remove it.
2. Vertical Stacking: The solution to this was found easily on the W3School HTML page for [Div](https://www.w3schools.com/html/html_div.asp). All we had to do was add the **float** property to each **div** with the **class** “*.*product”. We set **float** to **left** so each successive element was added next to each other instead of on top of each other.
3. Adjust Margin: This solution was simply adding a **margin** to each **div** with the **class** “*.*product”.
4. Link Styling: To color a link on **hover** and **visited**, we simply had to add these pseudo-classes to the CSS for links (**a:hover, a:visited**). These fixes were found easily again with W3School’s documentation for [Link Colors](https://www.w3schools.com/html/html_links_colors.asp) The issue with all links changing to “visited” when one was clicked was found by looking at the link used for each product’s **href**. Because they all used the same link, each one was set to “visited” when only one is clicked. This is solved by simply making each link unique (i.e. #1, #2, #3, etc…).
5. Header Spacing: This problem is similar to challenge 1 and 3. We have the first header in “.product” which contains the product name - a container **h2**, that needs the space above it **margin-top** removed. So, we just set the **margin-top** property for **h2** to 0.
6. Understanding the CSS: This CSS uses the [::after](https://developer.mozilla.org/en-US/docs/Web/CSS/::after) pseudo-element to create a final child element with no content (**content: “”**) and the [clear](https://developer.mozilla.org/en-US/docs/Web/CSS/clear) property to indicate that element is moved down to clear past both left and right floats. This acts as a way to clear float properties and prepare to set the next element (**footer** in this case) underneath instead of floating to the left like we set.

**Learning**: During class I didn’t think I’d have much to say about this assignment, but upon reflection I do feel I’ve learned a bit. Bouncing ideas and solutions of teammates was pretty helpful to get things going and checking for correctness. I was already pretty comfortable with using W3Schools and MDN to help myself, but this time around I ended up using MDN a lot more to help answer Challenge 6. Being able to search up a property, pseudo-class, pseudo-element, or other things and get detailed information about all their uses was very helpful.