The Washington Post - Aarya Kini and June Bee

The main structural change that June and I made to The Washington Post website was to organise each part of it into smaller and more specific divs compared to before. Consequently, we only have 3 parents divs in our entire code - **top** (for the header), **title** (for the website title), and **news** (the middle section of the site containing headlines).

While the header in our first iteration (including the search bar and 3 other buttons) were contained in one div, in this new iteration, each component is in a div of its own, nested within a larger div consisting of the entire header. That is, in our new code we have a div called **top**, within which are 3 more divs called **topLeft** (containing the search bar and sections button), **topCenter** (with the navigation bar), and **topRight** (containing the Sign Up and Sign In buttons). Since we primarily used flexboxes to structure things visually on the website, doing this not only made our code more organised and simple to navigate when sending things back and forth between each other, it also made it easier to align and style things properly since we could have a "default" style for the parent div and then get more specific for the child divs. Below is an image of what this looks like in our html code.

```html
<div class="top">
    <div class = "topLeft">
        <button id="search"><input type="text" name="search bar"><img src="../assets/
        searchicon.png"></button>
        <button id="sections">Sections</button>
    </div>

    <div class="topCenter">
        <ul class="mainMenu">
            <li><a href="https://www.washingtonpost.com/politics/
            joe-biden-46th-president/?hp_top_nav_first%20100%20days">First 100 Days</a>
            </li>

            <li><a href="https://www.washingtonpost.com/
            coronavirus/?hp_top_nav_coronavirus">Coronavirus</a></li>

            <li><a href="https://www.washingtonpost.com/
            race-america/?hp_top_nav_race%20&%20reckoning">Race & Reckoning</a></li>

            <li><a href="https://www.washingtonpost.com/opinions/?hp_top_nav_opinions">
            Opinions</a></li>

            <li><a href="https://www.washingtonpost.com/national/
            investigations/?hp_top_nav_investigations">Investigations</a></li>
```

```
                        <li><a href="https://www.washingtonpost.com/business/
                        technology/?hp_top_nav_tech">Tech</a></li>

                        <li><a href="https://www.washingtonpost.com/world/?hp_top_nav_world">World</
                        a></li>

                        <li><a href="https://www.washingtonpost.com/
                        local/?hp_top_nav_d.c.,%20md.%20&%20va.">D.C., Md. & Va.</a></li>

                        <li><a href="https://www.washingtonpost.com/sports/?hp_top_nav_sports">
                        Sports</a></li>

                        <li><a href="https://www.washingtonpost.com/
                        entertainment/?hp_top_nav_arts%20&%20entertainment">Arts & Entertainment</a>
                        </li>
                </ul>
        </div>

        <div class = "topRight">
            <button id="oneYear">Get one year for $29</button>
            <button id="signIn">Sign in</button>
        </div>

</div>
```
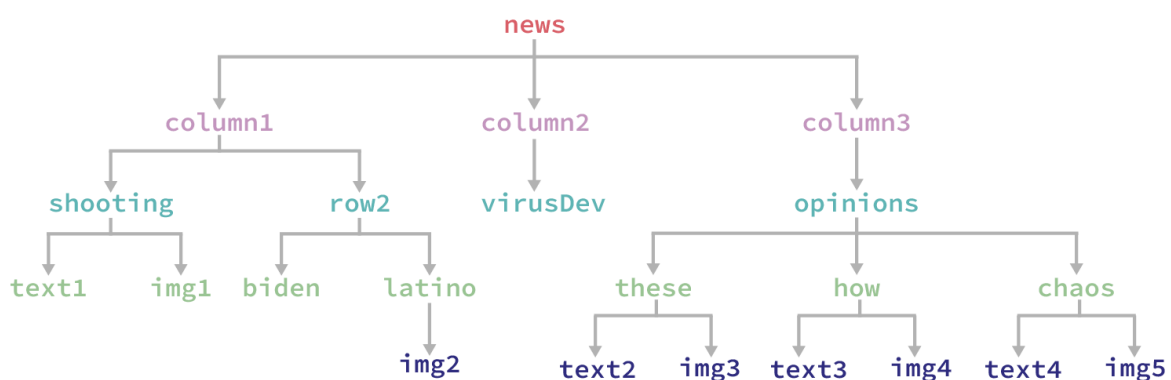
For the third div - **news** - we broke it down even further with each of the three main columns in the news section on the website being its own div. Beneath this, each headline / section containing a single headline or a list of bullet headlines is its own div. Within some of these headlines, more specifically ones with captions and images, we created further divs to help with organising all the information in flexboxes. Below is a simple diagram illustrating the same:

Apart from this, a few other changes we made was to provide each button with an id so that we could format them uniquely using CSS. Additionally, we also created a number of classes - such

as **heading1**, **heading2**, **heading3**, **heading4**, **medium**, **small**, and **bullet** - that corresponded with the different fonts on the The Washington Post website. We also created a class called **boxes** that standardised the margins and padding for each of the flexboxes. Below is an image of what this looks like in our CSS code:

```css
.heading1{
    margin-top: -5px;
    font-family: "Judson",serif;
    font-size: 38px;
    padding-top: 0px;
    margin-bottom: -8px;
}

.heading2{
    margin-top: -5px;
    font-family: "Judson",serif;
    font-size: 22px;
    padding-top: 0px;
    margin-bottom: -8px;
}

.heading3{
    margin-top: -5px;
    font-family: "Judson",serif;
    font-size: 18px;
    padding-top: 0px;
    margin-bottom: -8px;
}

.heading4{
    margin-top: -5px;
    font-family: "Judson",serif;
    font-size: 13px;
    padding-top: 0px;
    margin-bottom: -8px;
}

.medium{
    font-family:"Arial", sans-serif;
    font-size: 13px;
    margin-bottom: -3px;
}
```

```css
.small{
    font-family:"Arial", sans-serif;
    font-size: 11px;
}

.small a:link {
    color: grey;
    text-decoration: none;}
.small a:visited {color: grey;}
.small a:hover {color: #1955A5;}
.small a:active {color: grey;}

.bullet{
    margin-top: -20px;
    color:grey;
    font-family: "Arial", sans-serif;
    font-size: 13px;
}

.boxes{
    margin-left: 9px;
    margin-right: 8px;
    padding-right: 9px;
    margin-top: 8px;
    padding-top: 9px;
}
```

Here are the links to our code + website:

[HTML](#) + [CSS](#)

[Website](#)