Exercise: Hello, Build! (Responsive)

Can you take our very first build and make it responsive?

As you work through this exercise, keep the general build methodology in mind:

1. **Start with content**. Before you touch your CSS, make sure that you complete your HTML document and validate your code. If you have to change your content or document structure while you're styling it, it can break your CSS (and cause you to redo some of your previous work).

2. **Relative Units for Typographic Elements**. Make sure that you define all typographic elements (ex. headings, paragraphs, list items) in relative units so that they can adapt to different devices, browsers, settings, and contexts.

3. **Flexible & Fluid Containers**. Your layout should not overflow the viewport at any point. In order to do this, make sure that you use relative units to define your containers (ex. vh, vw, %).

4. **Mobile First**. Start with a single-column layout. Make sure that you use a top-down mobile-first approach in your CSS. This means that you do not write any desktop styles until your media query.

5. **Filling the Mobile Layout**. Try to make your content (including your images) span the entire width of the single-column layout.

6. **Media Queries**. Your wider layout styles must go inside of a media query at the bottom of your stylesheet. This takes advantage of the cascade and helps them take precedence over your mobile styles.

7. **Figure out your breakpoint**. Decide when the single-column layout starts to look stretched out or awkward. Use your browser developer tools to figure out what the dimensions of the viewport are at this point. Use this as your first breakpoint.

8. **Switch to a fixed-width centred layout**. When you reach your maximum width, make sure that the layout stops growing.