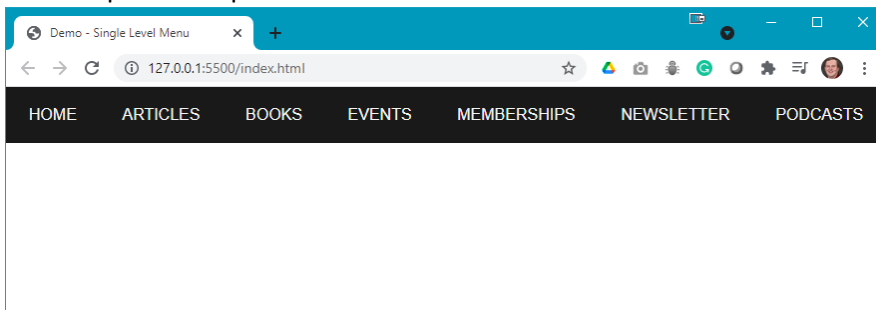# Navigation – Walkthrough Instructions

Demo Instructions

You can follow along with your instructor to complete this build and/or you can use this document as a guide in completing the demo build.

Steps

1. Download the **demo-single-level-nav-main.zip** file from Moodle and extract its contents to a folder named **demo-single-level-nav-main**.
2. The completed output should look like:

   Note: When the browser is resized, the menu will start to wrap to the next row.
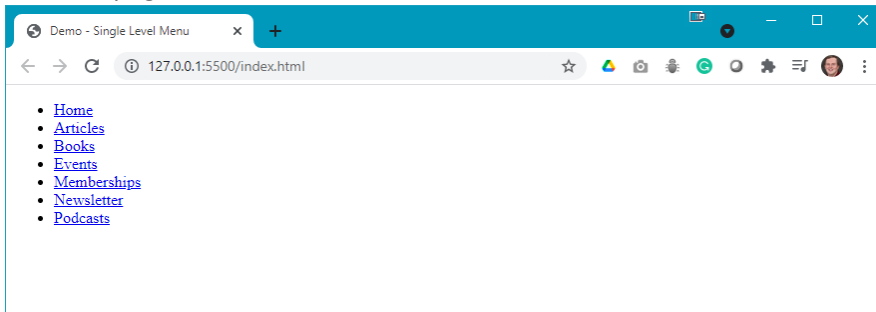3. The **index.html** file needs to be updated as follows:
   a. Modify the `<head>` to be:

```html
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Demo - Single Level Menu</title>
    <link rel="stylesheet" href="css/reset.css">
    <link rel="stylesheet" href="css/styles.css">
</head>
```

   b. Add the following to the `<body>`:

```html
<header>
    <nav>
        <ul class="menu">
            <li><a href="#">Home</a></li>
            <li><a href="#">Articles</a></li>
            <li><a href="#">Books</a></li>
            <li><a href="#">Events</a></li>
            <li><a href="#">Memberships</a></li>
            <li><a href="#">Newsletter</a></li>
            <li><a href="#">Podcasts</a></li>
        </ul>
    </nav>
</header>
```

4. The web page should now look like:

Question: What needs to be done to the menu?

5. Open the **styles.css** and add the following style rules:

   a. Style the `<body>` element:

   ```css
   body {
       font-family: sans-serif;
   }
   ```

   b. Style the `<header>`:

   ```css
   header {
       max-width: 58rem;
       margin: 0 auto;
   }
   ```
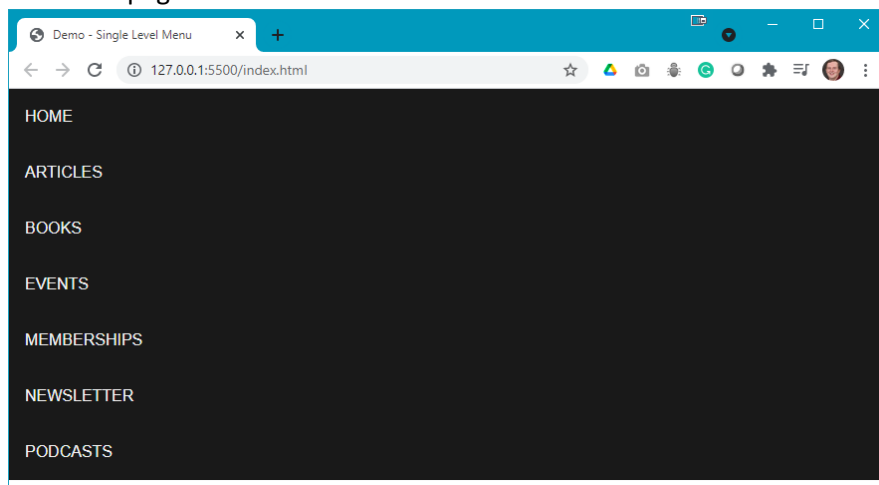
   c. Style the menu `<ul>`:

   ```css
   ul.menu {
       background-color: ■#191919;
       color: □#f5f5f5;
   }
   ```

   d. Style the `<a>` elements of the menu:

   ```css
   ul.menu a {
       color: □#f5f5f5;
       text-decoration: none;
       text-transform: uppercase;
       display: block;
       padding: 1rem;
   }
   ```
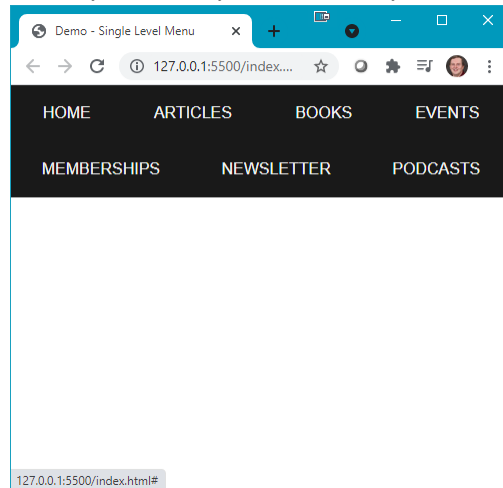
   Your web page should now look like:

   Question: what needs to be done next?

e. Now add the media query:
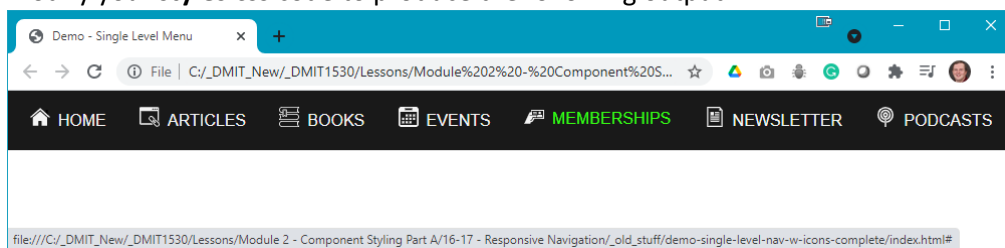
```css
@media screen and (min-width: 30em) {
    ul.menu {
        display: flex;
        flex-wrap: wrap;
        justify-content: space-between;
    }

    .menu li {
        /* border: 1px solid white; */
        flex-grow: 1;
        flex-shrink: 0;
        flex-basis: auto;
        text-align: center;
    }
}
```

Question: What does this media query do? What size is 30em?

f. When you resize your browser, you should see something like:

6. The **img** folder contains several SVG files. As a challenge, add these to your menu items and modify your **styles.css** code to produce the following output:

Note: the green text is a hover effect.