

Chapter 9 Lab

Web Development Technologies

- ❑ Develop a **home page** for a fictional business of your choice.
 - ❑ <header> includes logo and navbar
 - ❑ Include the company name, with brand logo, and make this a link to the home page
 - ❑ Include a single-tiered navbar with 5 links (using nav, ul, li, and a tags)
 - ❑ <aside> includes some text and/or links
 - ❑ <main> includes:
 - ❑ 3 sections of content
 - ❑ A grid of 4+ products
 - ❑ <footer> includes copyright line. Such as "© 2021 Company Name"
- ❑ Use **CSS** to responsively implement the page layout.
 - ❑ **Use FlexBox for all parts of the layout.**
 - ❑ **Do not use float & clear for any part of the page.**
 - ❑ Use **mobile-first** techniques to implement the page layout. Meaning that you **design the page for mobile first**, and then use **media queries** to progressively enhance the page as the viewport gets wider. (min-width)
 - ❑ Use the following breakpoints [Based on [The 100% correct way to do CSS breakpoints](#)]
 - ❑ Default is phone
 - ❑ 600px or more is tablet portrait
 - ❑ 900px or more is tablet landscape
 - ❑ 1200px or more is desktop
 - ❑ 2500px or more is big desktop
 - ❑ Use a **flexbox container** to ensure that the **body is at least 100vh tall.**
Giving any excess space to the <main> using **flex-grow: 1**
 - ❑ The **navbar** must appear **vertical** on mobile devices, and **horizontal** on desktop. Use a media query to accomplish this.
 - ❑ The **<aside>** must be placed **above the <main>** on mobile devices, and to the **right of <main>** on desktop. Use a media query to accomplish this.
 - ❑ The **content inside <main>** must appear **vertical** on mobile devices, and **horizontal** on desktop. Use a media query to accomplish this.
 - ❑ Use media queries to change the layout at each of the following breakpoints:
600px, 1200px, 2500px

