**CSS Layout Exercises: Flexbox and Grid**

**Flexbox Exercises**

**Exercise 1: Simple Navigation Bar**

Create a horizontal navigation bar with three menu items using Flexbox.

* The menu items should be evenly spaced.
* The navigation bar should be centered on the page.

**Exercise 2: Centered Hero Image**

Create a full-width hero image centered on the page using Flexbox.

* The image should be responsive and adjust its size based on the screen size.

**Exercise 3: Two-Column Layout**

Create a two-column layout using Flexbox with a sidebar on the left and main content on the right.

* The sidebar should have a fixed width.
* The main content should be flexible and fill the remaining space.

**Grid Exercises**

**Exercise 1: Basic Grid Layout**

Create a grid layout with three columns and two rows.

* The first row should contain a header.
* The second row should contain three content sections.

**Exercise 2: Responsive Grid Layout**

Create a responsive grid layout that adapts to different screen sizes.

* On larger screens, display three columns.
* On smaller screens, stack the columns.

**Exercise 3: Complex Grid Layout**

Create a complex grid layout with nested grids.

* The outer grid should have two columns.
* The left column should contain a navigation menu.
* The right column should contain a grid of content items.