

# CSS Flexbox Assignment for Beginners

This assignment will help you practice and understand the core concepts of CSS Flexbox. Try to solve each of the following tasks by writing HTML and CSS code. Use Flexbox properties such as display, justify-content, align-items, flex-direction, flex-wrap, align-self, order, gap, and flex-grow.

1. Create a navigation bar using Flexbox with horizontal menu items spaced evenly across the width.
2. Design a card layout with three cards in a row. On smaller screens, cards should stack vertically.
3. Build a flex container with items aligned vertically and centered in the page both horizontally and vertically.
4. Make a gallery of images using Flexbox where each image has equal width and wraps to the next line when needed.
5. Create a pricing table with three columns. Use Flexbox to ensure all cards have the same height regardless of content.
6. Design a layout with a sidebar and main content area. The sidebar should take 1/4th of the space, main content 3/4th.
7. Create a button group where buttons are aligned in a row and spaced with equal gaps between them.
8. Use flex properties to reorder items on the screen without changing the HTML structure.
9. Create a footer with three sections aligned horizontally, each section centered vertically.
10. Create a profile card layout where the image is on the left and the details are on the right, aligned vertically in center.