### Pseudo Class :

### Hover Effects on Navigation Bar

Create a navigation bar where the links change background color and text color when hovered over using the :hover pseudo-class.

### Highlight Active Menu Item

Create a vertical sidebar menu. Use the :active pseudo-class to highlight the menu item that is currently being clicked.

### Style First and Last Child Elements

Create a list of items. Use the :first-child and :last-child pseudo-classes to style the first and last items differently from the rest.

### Form Input Focus

Create a form with several input fields. Use the :focus pseudo-class to change the border color of an input field when it is focused.

### Button Hover and Active States

Create a button that changes color when hovered over and becomes darker when active (clicked).

### nth-child Odd and Even Rows

Create a table with multiple rows. Use the :nth-child pseudo-class to style odd and even rows differently.

### nth-child Specific Element

Create a list of items. Use the :nth-child pseudo-class to style every third item in the list.

### Visited Links Styling

Create a list of links. Style the links to change color when they have been visited.

### Flex-Box :

### Login Page

Create a login page using Flexbox. The page should have a centered form with two input fields (username and password) and a login button.

### Registration Page

Design a registration page with a form containing input fields for name, email, password, and a register button. Arrange the form elements using Flexbox for a clean layout.

### Navigation Bar

Create a responsive navigation bar that uses Flexbox to arrange the navigation links horizontally. On smaller screens, the links should stack vertically.

### Product Card

Design a product card using Flexbox. The card should include an image, product name, description, and price. Use Flexbox to align these elements neatly within the card.

### Gallery Page

Create a gallery page that displays images in a grid. Use Flexbox to ensure that the images adjust their layout based on the screen size, with three images per row on larger screens and one image per row on smaller screens.

### Blog Post Layout

Design a blog post layout with a title, author name, publication date, and content. Use Flexbox to position the author name and publication date side by side below the title.

### Dashboard Layout

Create a dashboard layout with a sidebar for navigation and a main content area. Use Flexbox to arrange the sidebar on the left and the main content on the right, ensuring the layout is responsive.

### Footer

Design a responsive footer that contains three sections: contact information, links, and social media icons. Use Flexbox to arrange these sections horizontally on larger screens and stack them vertically on smaller screens.

### Profile Page

Create a profile page with a profile picture, name, and bio. Use Flexbox to arrange the profile picture on the left and the name and bio on the right.

### Pricing Table

Design a pricing table with three columns for different pricing plans. Each column should include the plan name, price, and features. Use Flexbox to ensure that the columns are evenly spaced and responsive