

Task Session (3)

Objective: Design and implement a dropdown menu using CSS hover effects to manage visibility and interactivity.

Instructions:

1. HTML Structure:

- Create a basic HTML structure for a navigation menu. Include a main menu container with several list items, where some items will contain sub-menus (dropdowns).
- Use `` and `` elements to structure the menu and sub-menus.

2. Dropdown Menu Design:

- **Main Menu:**
 - Style the main menu with a horizontal or vertical layout, depending on your preference. Use CSS properties like `background-color`, `padding`, and `border`.
- **Dropdown Items:**
 - For items with sub-menus, style the dropdowns to be hidden initially. Use properties like `display: none` or `visibility: hidden` to keep them hidden.
 - Ensure dropdown items are positioned correctly and align with the parent menu item. Use properties such as `position`, `top`, `left`, or `transform`.

3. Hover Effect:

- Implement CSS hover effects to show and hide the dropdown menu. Use the `:hover` pseudo-class to change the visibility of the dropdown items when hovering over the parent menu item.
- Apply transition effects to make the dropdown menu appear smoothly. Use properties like `opacity`, `transition`, and `transform` to enhance the effect.

4. Styling and Enhancements:

- Add additional styles to improve the look and feel of the dropdown menu, such as hover effects for menu items, background colors, borders, and font styles.
- Ensure that the dropdown menu is responsive and adjusts to different screen sizes, if applicable.

Example

Dropdown Menu

Move the mouse over the button to open the dropdown menu.

