**DevBlog HTML Structure Documentation**

This document provides an in-depth explanation of the HTML structure used in the SimpleBlog webpage. The webpage is organized into several key sections: Header, Hero Section, Main Content, and Footer. Each section has specific elements designed to create a cohesive and user-friendly interface.

**1. Header Section:-**

The header is a crucial part of the webpage as it contains the primary navigation elements. It includes the following components:

* **Container**: Ensures the content is properly aligned and spaced within the header.
* **Navigation Bar (navbar)**: Houses all the navigational elements.
  + **Logo**: Two versions of the logo are included to support both light and dark themes. The logo-light is displayed for the light theme, and the logo-dark is displayed for the dark theme.
  + **Theme Toggle Button (theme-btn theme-btn-mobile)**: Allows users to switch between light and dark themes. It includes two icons (moon and sun) to represent the current theme.
  + **Navigation Menu Button (nav-menu-btn)**: A button that opens the navigation menu on mobile devices, containing an icon that represents a menu outline.
  + **Flex Wrapper (flex-wrapper)**: Wraps the desktop navigation links and theme toggle button.
    - **Desktop Navigation (desktop-nav)**: A list of navigation links for the desktop view, including links to Home, Blogs, and Contact pages.
    - **Theme Toggle Button for Desktop (theme-btn theme-btn-desktop)**: Similar to the mobile theme toggle button but designed for desktop view.
  + **Mobile Navigation (mobile-nav)**: A container for the mobile navigation menu, which includes a close button.

**2. Hero Section:-**

The hero section serves as the introductory area of the webpage, providing an engaging overview of the content and purpose. It includes:

* **Container**: Ensures the hero content is centered and spaced correctly within the section.
* **Content Wrapper (justify-content-center)**: Centers the content horizontally.
  + **Introduction Text**: Comprises a heading (h1) introducing Sahil Jaiswal as a web developer and a subheading (p.h3) highlighting his specialization in frontend development.
  + **Action Buttons (btn-group)**: Includes two buttons - "Contact Me" and "About Me" - that link to the respective sections or pages.

**3. Main Content:**

The main content section is divided into two primary areas: the blog section and an aside section.

**Blog Section**

The blog section displays the latest blog posts, organized into blog cards. Each card includes:

* **Blog Card Banner**: Contains an image that visually represents the blog post.
* **Content Wrapper (blog-content-wrapper)**: Encapsulates the text content of the blog card.
  + **Topic Button**: A small button indicating the category or topic of the blog post.
  + **Blog Title**: A heading (h3) that links to the full blog post.
  + **Blog Description (blog-text)**: A brief summary of the blog post content.
  + **Load More Button (btn load-more)**: A button that allows users to load more blog posts.

**Aside Section**

The aside section features a newsletter subscription form to engage users and keep them updated with the latest posts.

* **Newsletter Wrapper**: Contains the entire newsletter section.
  + **Title (h2)**: Indicates the purpose of the section.
  + **Description**: A brief text encouraging users to subscribe.
  + **Subscription Form**: A form where users can enter their email address to subscribe to the newsletter.
    - **Email Input**: A field for users to input their email address.
    - **Subscribe Button (btn btn-primary)**: A button to submit the subscription form.

**4. Footer Section:-**

The footer provides additional information and links for users, ensuring they can navigate to important parts of the site easily. It includes:

* **Footer Container**: Ensures the footer content is properly aligned and spaced.
* **Footer Wrapper (wrapper)**: Used to group related footer content.
  + **Footer Logo**: Similar to the header, it includes both light and dark versions of the logo.
  + **Description (footer-text)**: A brief description of the website's content focus, emphasizing web accessibility, performance, and database management.
  + **Quick Links**: A list of links to important pages such as Advertise with Us, About Us, and Contact Us.
  + **Legal Links**: A list of links to legal documents including Privacy Notice, Cookie Policy, and Terms of Use.
* **Copyright Notice (copyright)**: Indicates copyright ownership and provides a link back to the homepage.

**Additional Features:-**

* **Theme Toggle**: JavaScript is included to handle the theme switching functionality, allowing users to toggle between light and dark themes seamlessly,
* **Responsive Design**: The webpage is designed to be responsive, with specific elements for both desktop and mobile views. This ensures the website is accessible and user-friendly on various devices, providing an optimal experience for all users.