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Code Structure Explanation – Daily Imroze Newspaper Layout

1. Code Structure

The HTML5 document follows a hierarchical structure starting with a standard boilerplate. The root contains a <body> with inline styling to simulate aged newsprint. The layout transitions from a rigid table structure in the header to a modern flexbox approach in the main body to demonstrate versatility in layout techniques.

2. Key Sections

Header (<header>): Utilizes a three-column <table> to maintain the traditional "Ear" advertisements on the left and right, with the main Newspaper Masthead centered.

Navigation (<nav>): Contains a horizontal list (<ul>) of categories typical of a news site.

Main Content (<main>): Features a primary article regarding Abdur Rehman Chugtai, split into a multi-column view using section and aside.

Footer (<footer>): A semantic container for copyright and archive information.

3. Design Decisions

Tables vs. Divs: I used a <table> for the header because the requirements mandated a newspaper column layout using tables. For the article body, I used display: flex to handle responsive spacing and vertical alignment more efficiently.

Semantic Tags: Tags like <article> and <section> were used instead of generic <div> tags to improve the document's machine-readability (SEO and accessibility), clearly defining what is an independent news story versus a thematic grouping.

4. Challenges & Solutions

Challenge: Integrating a table-based layout into a modern CSS-styled page without breaking the symmetry of the advertisements.

Solution: I used table-layout: fixed and width: 100% on the header table to ensure that even with different content lengths, the columns remained perfectly equal.

Challenge: Ensuring all images rendered correctly with local paths.

Solution: I organized images into a dedicated Images folder and used absolute pathing to ensure the browser could locate them during development.