

HTML Newspaper Recreation - Code Explanation

Name: junaid saeed

Roll No: 22p-9200

1. Code Structure Overview The document follows a standard HTML5 structure. It begins with the `<!DOCTYPE html>` declaration. The `<head>` contains meta tags for character encoding. The `<body>` contains the visual elements, stylized using inline CSS to mimic the aged paper look (`background-color: #f4f1ea`) and serif typography (`font-family: 'Times New Roman'`).

2. Key Sections

- **Header:** I used the `<header>` semantic tag containing a two-column table. The left cell holds the date and pricing info, while the right cell holds the "Daily Jang" logo (``) and title.
- **Main Content:** This is wrapped in a `<section>` for the main headline, followed by a large `<table>` with `width="100%"`. This table splits the page into three columns (`<td>`): left for side news, center for the main feature, and right for bulletins.
- **Footer:** The `<footer>` tag at the bottom contains copyright info and my student details, separated from the content by a double border.

3. Design Decisions

- **Tables vs. Divs:** The assignment prohibited external CSS. While `<div>` is modern, it is difficult to create a multi-column newspaper layout using only inline styles without Flexbox/Grid. Therefore, I used `<table>` as it provides a rigid grid structure native to HTML, which is historically how older websites were built.
- **Semantic Tags:** Even though I used tables for layout, I wrapped the content *inside* the table cells with semantic tags like `<article>` and `<aside>`. This ensures that even though the visual structure is table-based, the document outline remains logical for screen readers.

4. Challenges And Solutions

- **Image Alignment:** Aligning the images with captions was tricky without CSS classes. I solved this by using the `<figure>` and `<figcaption>` tags, which naturally group the image and text, and applied inline styling `text-align: center` to the parent container.
- **Column Widths:** The columns looked uneven initially. I explicitly set `width="25%"`, `width="50%"`, and `width="25%"` on the table cells to ensure the center story got the most focus, mimicking the original newspaper hierarchy.