

# Nawa-e-Waqt Newspaper - HTML Code Explanation

## 1. CODE STRUCTURE OVERVIEW

The HTML document replicates a vintage newspaper front page from 1971. It follows a top-to-bottom layout:

- **Header Section:** Contains the newspaper name (Nawa-e-Waqt), date (17 December 1971), volume number, and price.
- **Main Headline:** Features the breaking news "INDIAN ARMY ENTERS DHAKA" with a subheadline.
- **Main Content Area:** Divided into rows with 2-3 columns using tables.
- **Footer Section:** Includes contact information, copyright notice, and printing details.

The code is around 350 lines and uses only HTML with inline CSS.

## 2. KEY SECTIONS EXPLAINED

### A. Header Section

The header uses the `<header>` tag and contains:

- `<h1>` for the newspaper name (largest text on the page).
- A `<div>` with a flexbox layout to display the date, volume, and price.

### B. Main Content Tables

The main content area utilizes multiple `<table>` elements:

- First table has 2 rows, each with 3 columns showing images and articles.
- Second table contains a full-width battle analysis, split into 2 columns.
- Third table covers Pakistan victory and relief efforts in 2 columns.
- Fourth table displays international support in 2 columns.
- Fifth table features refugee crisis, economic impact, and cultural notes in 3 columns.

Each table cell (`<td>`) holds text, images, or nested tables for further subdivision.

### C. Lists for Information Presentation

Two types of lists are used:

- `<ul>` (Unordered Lists): For bullet points showing features, captured items, relief efforts.
- `<ol>` (Ordered Lists): For numbered timelines showing chronological events.

### D. Footer Section

The footer uses the `<footer>` tag and contains:

- Three `<div>` elements with flexbox for contact info.

- <p> tags for the copyright notice and printing details.
- &copy; HTML entity for the copyright symbol.

### **3. DESIGN DECISIONS**

#### **Why Tables Instead of Divs?**

Tables were chosen for these reasons:

- **Perfect Column Alignment:** Tables ensure content stays in vertical columns without breaking.
- **Browser Compatibility:** Tables work universally, including on older browsers, unlike CSS Grid.
- **Authentic Newspaper Look:** Vintage newspapers were designed using tables, matching the historical theme.

#### **Semantic Tags Used**

Only two semantic tags were used:

- <header>: Identifies the top section of the page.
- <footer>: Identifies the bottom section of the page.
- Other tags like <div> are used as non-semantic containers for grouping content.

#### **Color Scheme Choices**

- Background color #f4f1e6 (cream) mimics aged newspaper paper.
- Border color #8B4513 (saddle brown) is a traditional newspaper border color.
- Headline background #2c1810 (dark brown) creates visual hierarchy.

#### **Image Handling**

All images use inline CSS (width:100%; height:auto;) to ensure they fit within their columns without distorting their aspect ratios.

### **4. CHALLENGES AND SOLUTIONS**

#### **Challenge 1: Creating Multi-Column Layout**

- **Problem:** HTML naturally flows top-to-bottom, but newspaper content needs columns.
- **Solution:** Used <table> with percentage-based widths (33%, 34%, 33%) to divide space equally, ensuring proper alignment.

#### **Challenge 2: Double Borders in Tables**

- **Problem:** Tables showed double borders where cells met.
- **Solution:** Applied border-collapse: collapse; to merge adjacent borders and carefully applied borders only on specific sides (e.g., border-right, border-bottom).

#### **Challenge 3: Nested Content Inside Columns**

- **Problem:** Some columns required further subdivision (like splitting Pakistan Aid into Financial and Military sections).
- **Solution:** Nested a complete `<table>` structure inside a `<td>` element to create internal columns.

#### **Challenge 4: Images Breaking Layout**

- **Problem:** Large images would stretch beyond column width and break the design.
- **Solution:** Set images to `width:100%` to fill the column width while maintaining original proportions with `height:auto`.

#### **Challenge 5: Creating Vintage Newspaper Aesthetic**

- **Problem:** Digital pages looked too clean, missing the vintage newspaper feel.
- **Solution:** Used a cream background, added a serif font (Times New Roman), included dashed and dotted borders for variety, and added small details like "Established 1940" and "Price 25 Paisa."

#### **Challenge 6: Maintaining Consistent Spacing**

- **Problem:** Different browsers apply different default spacings to elements.
- **Solution:** Used inline CSS to explicitly set margins and padding, overriding default browser styles and ensuring consistency.