

HTML Newspaper Recreation — Code Structure Explanation

Akhbar-e-Khawateen / Women's Weekly, Lahore 1974

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1. Code Structure Overview

The file **index.html** (793 lines) is an HTML5-only recreation. All styling uses inline **style** attributes — zero external .css files or JavaScript. Semantic tags structure the document; nested <table> elements replicate the multi-column newspaper grid.

Element	Lines	Purpose
<header>	27–80	Masthead: name, tagline, date/price row (nested table inside)
<nav>	83–96	Section labels bar — Home Education Health Film ...
<main> Top <table>	111–549	3-column layout: Left 28% / Center 44% / Right 28%
<main> Bottom <table>	559–745	2-column layout: Mosque article (48%) Health article (52%)
<footer>	750–793	Editor info, address, copyright — table for 3-cell layout

2. Key Sections Explained

A. <header> — Masthead (Lines 27–80)

Three stacked border rules (**6px top/bottom + 1px inner**) mimic vintage newsprint. The newspaper name uses **font-size:60px; font-weight:900; letter-spacing:5px**. A nested <table> creates the Vol / Date / Price three-cell row.

```
<header style="border-top:6px solid #111; border-bottom:6px solid #111; ">
```

B. 3-Column Table Layout — Center Column (Lines 217–328)

The center <td> (44%) contains the lead headline, singer portrait (<figure> + <figcaption>), the purple circle element, and body text. All cells use **vertical-align:top** so columns align from the top edge.

```
<td style="width:44%; vertical-align:top; padding:0 12px; border-right:1px solid #777; ">
```

C. Purple Circle — 'Ay Nasar' Badge (Lines 281–298)

The original newspaper's purple printed circle is recreated as a <div> with **border-radius:50%, background-color:#3b1f5e**, and **width:64%**. No image is needed — pure HTML and inline style only.

```
<div style="background-color:#3b1f5e; color:#fff; border-radius:50%; width:64%; text-align:center; padding:14px 10px; ">
```

D. Images (4 total, all .png)

All four images live in the **images/** folder and use descriptive **alt** attributes. **filter:grayscale(100%)** is applied inline to every photo for the authentic black-and-white newsprint look. No tag is missing an alt attribute.

```

```

3. Design Decisions

Decision	Reason
Tables for layout	Assignment requires ≥ 1 table; also historically authentic for 1990s-era newspaper HTML
Semantic tags throughout	<article>, <section>, <figure> etc. give meaningful structure beyond visual <div>s
Inline styles only	Satisfies the HTML-only constraint — zero .css or .js files in repository
background-color: #ede0c0	Sepia/cream colour recreates aged newsprint without any image or CSS file
font-family: Times New Roman	Matches the serif typography used in traditional Pakistani newspaper printing

4. Challenges Faced

Multi-column balance without CSS: Achieving stable 3-column layout using only <table> required explicit percentage widths (28%/44%/28%) and **vertical-align:top** on every <td>. Without this, cells default to middle alignment and columns break visually.

Purple circle reproduction: The original newspaper's round ink badge was recreated using **border-radius:50%** with a width percentage — no image needed, fully HTML-only.