

Code Structure Explanation

Project: HTML Newspaper Recreation - Al-Fazl (The Grace) | **Student:** Maaz Mustafa (22P-9405, Section 8A)

1. Project Overview & File Structure

Single-page HTML recreation of historical newspaper (Jan 16, 1940). Structure: `index.html` (main file), `images/` (assets), `README.md` (docs). Uses semantic HTML5 with inline CSS.

2. HTML Document Structure

```
<!DOCTYPE html> → <head> (meta, title) → <body> containing: <div id="top-strip"> (page #, digitization notice) → <header id="masthead"> (branding, subscription info, issue details) → <main id="main-content"> (articles) → <footer id="footer"> (contact, print info)
```

3. Main Components

- Top Strip:** Page number (49) + digitization notice
- Masthead:** 3-col table (subscription rates, "Al-Fazl" title, publication type), issue info strip (volume, issue, dates)
- Main Content:** Banner headline + 3-column table grid
- Footer:** Company address, printer details, copyright

4. Column Layout

Column	Width	Content
Left	33%	India-UN articles, regional diplomacy
Middle	34%	Security Council, Mr. Sitlood address
Right	33%	Ahmadiyya News box, Indonesia article

Special Sections: Full-width banner headline; Ahmadiyya News (boxed); Quaid-e-Azam Statement (2-col span); Lower section (2-col layout)

5. Semantic HTML5 Elements

- `<header>` - Masthead
- `<nav>` - Issue info
- `<main>` - Content container
- `<section>` - Content sections
- `<article>` - News articles
- `<footer>` - Footer info
- `<h1>–<h4>` - Headings
- `/` - Lists
- `<hr>` - Separators
- `<table>` - Layout grid

6. Styling & Design

Method: Inline CSS via `style` attribute

Font: Times New Roman (serif, newspaper style)

Colors: Background `#f0e1c2` (aged paper), text `#000/#333`, borders `#000`

Layout: Table-based grid for column control

Patterns: Nested structures, semantic IDs, boxed sections, colspan for multi-column areas

7. Technical Characteristics

- Single-file architecture (HTML+CSS)
- No external dependencies
- Semantic markup for accessibility
- Fixed-width layout (print/desktop)

8. Content Hierarchy

Top: Page number & digitization → **Header:** Publication info & branding → **Main:** Banner headline → 3-col article grid → 2-col lower section (statement + news) → **Footer:** Contact & printing details