

AMERICAN INTERNATIONAL UNIVERSITY BANGLADESH (AIUB)
Faculty of Science and Technology (FST)
Department of Computer Science (CS)
Course: Web Technologies

Lab Task 05: News Website

Instruction:

- 1. Complete the task**
- 2. After completion, push the code in the GitHub repository.**

Scenario:

You have been hired by a new digital media company, DailyFlash, to design their news website's homepage and its category pages. The company wants a professional, multi-page layout that is easy to navigate and visually organized. The homepage (index.html) should showcase the three latest news stories in different categories — for example, “World Leaders Meet for Climate Summit,” “National Team Wins Championship,” and “New Smartphone Sets Record Sales.” A sidebar should display Top Headlines, giving visitors a quick glance at trending stories, and an advertisement space for sponsors. The footer must look uniform across all pages, showing copyright, social links, and company credits. Your task is to ensure the entire website looks consistent, properly structured with semantic HTML tags, and all links work correctly across the 3 pages.

General Requirements:

- Create a multi-page website with at least 3 HTML pages:
 1. index.html – Homepage (main news page)
 2. world.html – World News section
 3. sports.html – Sports section
- Each page must share a consistent layout and navigation bar.

Steps:

1. Header Section (<header>)
 - Include the site name: DailyFlash inside a heading tag (e.g., <h1>).
 - Add a slogan or tagline under the site name (e.g., “Your Source for Instant News”).
 - Optionally, include a small logo image on the left side of the title.

2. Navigation Bar (<nav>): Create a navigation menu with the following links:

- Home
 - World
 - Sports
 - Tech
 - Lifestyle
 - Contact
- Use an unordered list () for navigation links.
 - Highlight the current page (e.g., make “Home” bold or visually distinct).
 - All navigation links should correctly point to their respective pages (use relative links).

3. Main Content Area (<main>)

- Include three recent news articles using <article> elements.
- Each <article> must contain:
 - ❖ A headline inside <h2>.
 - ❖ A publication date (<small> or <time> tag).
 - ❖ A thumbnail image representing the article.
 - ❖ A summary paragraph (3–4 sentences).
 - ❖ A “Read More” link pointing to a detailed page (optional).
- Use a horizontal rule (<hr>) to separate articles.

4. Sidebar Section (<aside>)

- Title the sidebar as Top Headlines.
- Use a list (or) to show 5 short headline links.
- Add a small “Trending” or “Editor’s Pick” area below it with 1–2 highlighted headlines.
- Include one small advertisement box or promotional message using a <div>.

5. Footer Section (<footer>)

- Copyright notice (© 2025 DailyFlash)
- Social media links (use dummy URLs or #):
 - ❖ Facebook
 - ❖ X (Twitter)
 - ❖ Instagram
 - ❖ LinkedIn

- A small note: “All Rights Reserved.”

6. Metadata (<head> Section):

- Add appropriate meta tags:
 - ❖ `<meta charset="UTF-8">`
 - ❖ `<meta name="author" content="Your Name">`
 - ❖ `<meta name="description" content="DailyFlash - Breaking news and trending stories from around the world.">`
- Add a `<title>` tag that reflects the page content (e.g., “DailyFlash | Home”).

7. Page Navigation

- All links in the navigation bar must allow the user to move between pages without dead links.
- Example: clicking “World” opens world.html, “Sports” opens sports.html.

8. Design Enhancements (Optional but Recommended)

- Use `<section>` elements to group related articles.
- Add an anchor link at the bottom to go “Back to Top”.