HTML Assignments Reference Guides

# Reference Guide 1 — Basic Pages with Meme (index.html & boards.html)

Goal  
Create two webpages: index.html (with a meme inside a paragraph) and boards.html (program objectives). Use proper HTML5 structure, comments, and a clean look.

## Folder Setup

project-folder/  
├── index.html  
├── boards.html  
└── meme.png (or .jpg/.gif/.webp — same folder as index.html)

## index.html Requirements Checklist

- <!DOCTYPE html> at very top  
- <html lang="en"> … </html>  
- <head> … </head> with meta charset, meta viewport, and title  
- <body> … </body> contains H1 header, P paragraph, and IMG inside paragraph  
- Comments with name/date and helpful notes  
- Basic CSS (optional)

Minimal starter template:

<!-- Your Name — index.html — Updated: YYYY-MM-DD -->  
<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8" />  
 <meta name="viewport" content="width=device-width, initial-scale=1.0" />  
 <title>My Meme Page</title>  
 <style>  
 body { font-family: system-ui, Arial, sans-serif; margin:0; padding:2rem; background:#f7f8fa; }  
 h1 { color:#1b2a4e; }  
 #memeImage { display:block; max-width:100%; height:auto; border-radius:12px; margin:12px 0; }  
 </style>  
</head>  
<body>  
 <h1>Welcome to My Meme Page 🎉</h1>  
 <p>  
 <img id="memeImage" src="meme.png" alt="A fun, school-appropriate meme">  
 </p>  
</body>  
</html>

## boards.html Requirements Checklist

- Copy index.html  
- Change title and H1 text  
- Remove the meme image  
- Paste official program objectives from UAT Catalog  
- Keep comments with name/date

Minimal starter template:

<!-- Your Name — boards.html — Updated: YYYY-MM-DD -->  
<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8" />  
 <meta name="viewport" content="width=device-width, initial-scale=1.0" />  
 <title>Program Objectives</title>  
 <style>  
 body { font-family: system-ui, Arial, sans-serif; margin:0; padding:2rem; background:#f7f8fa; }  
 h1 { color:#1b2a4e; }  
 ul { margin:1rem 0 0 1.25rem; }  
 li { margin:0.5rem 0; }  
 </style>  
</head>  
<body>  
 <h1>My Program Objectives</h1>  
 <ul>  
 <li>Demonstrate foundational knowledge in [Your Major Field].</li>  
 <li>Apply problem-solving and critical thinking to real-world scenarios.</li>  
 <li>Communicate technical information clearly to diverse audiences.</li>  
 <li>Collaborate effectively in team-based projects and environments.</li>  
 <li>Exhibit ethical and professional conduct in all aspects of the discipline.</li>  
 </ul>  
</body>  
</html>

## Submission Checklist

✔ Screenshot of index.html in browser  
✔ Screenshot of boards.html in browser  
✔ Public GitHub repo link with both HTML files + meme image

# Reference Guide 2 — Add Header, Nav, Footer (HTML5)

Goal  
Update both pages to include semantic HTML5 structure (header, nav, main, footer) and enable navigation between pages.

## Required Order (per assignment)

1) First line inside <body>: wrap your H1 inside <header>  
2) Immediately after </header>: add <nav>  
3) Main content inside <main>  
4) Before </body>: add <footer>

## Nav Content Example

<nav>  
 <h2>Navigation</h2>  
 <a href="./index.html">Home</a><br>  
 <a href="./boards.html">Boards</a><br>  
</nav>

## Footer Content Example

Your Name<br>  
University of Advancing Technology<br>  
2625 W Baseline Rd<br>  
Tempe, AZ 85283<br>

## Upgraded Page Template

<!DOCTYPE html>  
<html lang="en">  
<head>  
 <meta charset="UTF-8" />  
 <meta name="viewport" content="width=device-width, initial-scale=1.0" />  
 <title>PAGE TITLE</title>  
 <style>  
 body { font-family: system-ui, Arial, sans-serif; margin:0; background:#f7f8fa; color:#222; }  
 header, nav, main, footer { max-width: 900px; margin: 0 auto; padding: 16px 20px; }  
 header { background:#fff; border-bottom:1px solid #e6e8eb; }  
 nav { background:#fff; border-bottom:1px solid #e6e8eb; }  
 main { background:#fff; min-height:50vh; }  
 footer { background:#fff; border-top:1px solid #e6e8eb; font-size:0.95rem; }  
 h1 { margin:0; color:#1b2a4e; }  
 h2 { margin:0 0 8px; font-size:1.1rem; color:#1b2a4e; }  
 a { color:#0b7ddc; text-decoration:none; }  
 a:hover { text-decoration:underline; }  
 </style>  
</head>  
<body>  
 <header>  
 <h1>PAGE TITLE</h1>  
 </header>  
  
 <nav>  
 <h2>Navigation</h2>  
 <a href="./index.html">Home</a><br>  
 <a href="./boards.html">Boards</a><br>  
 </nav>  
  
 <main>  
 <!-- page-specific content goes here -->  
 </main>  
  
 <footer>  
 Your Name<br>  
 University of Advancing Technology<br>  
 2625 W Baseline Rd<br>  
 Tempe, AZ 85283<br>  
 </footer>  
</body>  
</html>