**Web Development Foundation Course**

**Day – 5 - Project**

**School Website Project Guide**

**Objective**: Create a responsive school website using HTML and CSS.

**1. Planning Your Work**

* Create **1 HTML file** (index.html)
* Use **internal CSS** (inside <style> tag)
* Prepare **8 placeholder images** (or use free school-themed images)

**2. Website Sections to Build**

Build these sections **in order**:

1. **Header**
   * School name as main heading
   * Tagline as italic text
   * Navigation menu with 8 links (Home, About, etc.)
2. **Home Section**
   * "Welcome" heading
   * Full-width school banner image
   * Blue-green background with white text
3. **About Us**
   * Two-column layout
   * Left: School description + principal's message
   * Right: Vision & Mission (bullet points)
4. **Academics**
   * Table with 3 rows:
     + Column 1: Grade levels (1-5, 6-8, 9-10)
     + Column 2: Subjects for each level
5. **Achievements**
   * Three equal-width cards in a row
   * Yellow background with achievement text
6. **Gallery**
   * Grid of 5 images (3 in first row, 2 in second)
   * Add a YouTube embed below
7. **Student Life**
   * Four activity boxes with icons (Drama, Sports, Art, Music)
   * Use Font Awesome for icons
8. **Notice Board**
   * Scrolling marquee for announcements
   * Bullet-point list of notices
9. **Contact**
   * Address, phone, email
   * Google Maps embed
10. **Footer**
    * Copyright text
    * Dark background

**3. Styling Requirements**

**For All Sections**:

* Use **consistent padding/margins**
* **Rounded corners** (10px) for containers
* **Sans-serif font** (Arial or Segoe UI)

**Special Styling**:

* **Navigation Menu**:
  + Blue buttons with white text
  + Hover effect (darken button color)
* **Colorful Sections**:
  + Home & Achievements: Use bright colors (#0FA4AF for home, #FFEB3B for cards)
* **Gallery**:
  + Images should **fill containers** (use object-fit: cover)
* **Student Life Icons**:
  + Circular light-blue background
  + Center-align icons and text

**4. Layout Techniques to Use**

1. **Flexbox**: For navigation, two-column about section, student life icons
2. **CSS Grid**: For image gallery
3. **Margins**: Space between sections
4. **Percentage Widths**: Make elements responsive

**5. Step-by-Step Workflow**

1. **Write HTML structure first** (all sections)
2. **Add placeholder content** (text/images)
3. **Style desktop version first**:
   * Header → Home → About → Academics → etc.
4. **Test responsiveness**:
   * Check on mobile by resizing browser
   * Ensure text/images don’t overflow

**6. Testing Checklist**

✅ All navigation links work  
✅ Table displays properly  
✅ Images load without distortion  
✅ Text is readable on colored backgrounds  
✅ No horizontal scrolling on mobile

**7. Submission Requirements**

* Single index.html file
* Images in a folder named assets
* No broken links or images