**Task for November 26 (Day 1) - Detailed Coding Steps:**

**Step 1: Create a New HTML File**

Open your text editor and create a new file. Save it with a meaningful name and use the **.html** extension. For example, you can name it **index.html**.

**Step 2: Set Up HTML Structure**

Inside your HTML file, set up the basic structure of an HTML document. This structure includes the **<!DOCTYPE html>** declaration, the **<html>** element with the **lang** attribute, the **<head>** section, and the **<body>** section.

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>My First HTML Page</title>**

**</head>**

**<body>**

**<!-- Your content will go here -->**

**</body>**

**</html>**

**Step 3: Add Content Using HTML Tags**

Inside the **<body>** section, start adding content using various HTML tags. Here's an example with comments explaining each part:

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>My First HTML Page</title>**

**</head>**

**<body>**

**<!-- Heading -->**

**<h1>Welcome to My Website!</h1>**

**<!-- Paragraph -->**

**<p>This is my first HTML page. I'm excited to learn web development!</p>**

**<!-- Subheading and Unordered List -->**

**<h2>Things to Learn:</h2>**

**<ul>**

**<!-- List Items with Strong Tag for Bold Text -->**

**<li><strong>HTML:</strong> The structure of a web page.</li>**

**<li><strong>CSS:</strong> Styling and layout of web pages.</li>**

**<li><strong>JavaScript:</strong> Adding interactivity to web pages.</li>**

**</ul>**

**<!-- Hyperlink -->**

**<p>Check out the <a href="https://www.example.com">Example Website</a> for more information.</p>**

**<!-- Image -->**

**<img src="https://via.placeholder.com/300" alt="Placeholder Image">**

**</body>**

**</html>**

**Step 4: Save and Open in a Browser**

Save the file and open it in a web browser (e.g., Chrome, Firefox, or Edge). You can do this by right-clicking on the HTML file and selecting "Open with" your preferred browser.

Additional Challenge (Optional):

Experiment with more HTML tags. For example, try using **<a>** for creating links, **<img>** for displaying images, **<strong>** and **<em>** for text formatting, and other tags you find interesting.

**Extra knowledge for a day**

**Steps to Convert HTML to PDF using html2pdf.js:**

Include html2pdf.js Library:

Add the following script tag to your HTML file to include the html2pdf.js library. Place it just before the closing </body> tag.

**<script src="https://rawgit.com/eKoopmans/html2pdf/master/dist/html2pdf.bundle.js"></script>**

**Add a Button for PDF Conversion:**

Add a button that users can click to generate the PDF. For example:

**<button onclick="generatePDF()">Generate PDF</button>**

**JavaScript Function to Generate PDF:**

Add the following JavaScript function to your HTML file. This function uses html2pdf to convert the HTML content to a PDF.

**<script>**

**function generatePDF() {**

**var element = document.body;**

**html2pdf(element);**

**}**

**</script>**

**Full HTML Document:**

**<!DOCTYPE html>**

**<html lang="en">**

**<head>**

**<meta charset="UTF-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1.0">**

**<title>My First HTML Page</title>**

**<script src="https://rawgit.com/eKoopmans/html2pdf/master/dist/html2pdf.bundle.js"></script>**

**</head>**

**<body>**

**<h1>Welcome to My Website!</h1>**

**<p>This is my first HTML page. I'm excited to learn web development!</p>**

**<h2>Things to Learn:</h2>**

**<ul>**

**<li><strong>HTML:</strong> The structure of a web page.</li>**

**<li><strong>CSS:</strong> Styling and layout of web pages.</li>**

**<li><strong>JavaScript:</strong> Adding interactivity to web pages.</li>**

**</ul>**

**<p>Check out the <a href="https://www.sbrcinfosys.com/">SBRC</a> for more information.</p>**

**<img src="https://t3.ftcdn.net/jpg/03/12/44/34/360\_F\_312443477\_5lxDV8QHzXyOwMH4FxLmU4Y93h12NZEJ.jpg" alt="Placeholder Image">**

**<button onclick="generatePDF()">Generate PDF</button>**

**<script>**

**function generatePDF() {**

**var element = document.body;**

**html2pdf(element);**

**}**

**</script>**

**</body>**

**</html>**

Now, when users click the "Generate PDF" button, it will convert the HTML content to a PDF document using the html2pdf.js library.