CSS Basic Activities – Unit 3.1

1. **Creating a Personal Profile Webpage with Multiple CSS Techniques**

   Create a personal profile webpage featuring your name, skills, interests, and an image of yourself. Apply inline CSS, internal CSS (within **<style>** tags), and an external CSS file to incorporate the properties learned in the unit. Explore contradictory styles on identical elements to understand how CSS priority influences styling within web development.

   Tools/Knowledge Required:

   i.   Text editor (e.g., Visual Studio Code, Sublime Text)
   ii. Web browser
   iii. Basic HTML and CSS knowledge

   Step 1: Setting Up the Project

   - Create a new folder for the project.
   - Inside the folder, create an HTML file named **index.html**.

   Step 2: HTML Structure

   - Open **index.html** in the text editor.
   - Implement basic HTML structure with <head>, <body>, <h1>, and <p> tags.
   - Add an image element <img> for a picture of yourself.

   Step 3: Inline CSS

   - Apply inline CSS to the HTML elements within index.html.
   - Use different tags you know to highlight the impact of inline styles.

   Step 4: Internal CSS

   - Inside the <head> section of index.html, add a <style> tag.
   - Apply styles to the same HTML elements using internal CSS.
   - Choose conflicting styles to observe how they interact with inline styles.

   Step 5: External CSS

   - Create a new CSS file named styles.css.
   - Link styles.css to index.html using the <link> tag within the <head> section.
   - Apply styles to HTML elements in styles.css, introducing more contradictions.

Step 6: Testing and Observations

- Open index.html in a web browser to observe the cumulative impact of inline, internal, and external CSS.
- Take note of conflicting styles and understand how CSS priority effects the final styling.

2. **Travel blog Webpage**: Create a visually appealing landing page for your personal blog, which focuses on travel and adventure.
   - Open your text editor or preferred HTML/CSS editor.
   - Create a new HTML file named "index.html" and save it in a dedicated folder for this activity.
   - Set up the basic structure of your personal profile page using HTML, including header, main content sections, and footer.
   - Use h1 tag to create the heading of the page.
   - Compose a paragraph using the <p> tag discussing the tips and suggestions to minimize the environmental impact while exploring the world.
   - Utilize an external style sheet named "style.css" to apply styling.
   - Apply CSS styling using the class selector method to center-align the paragraph.
   - Apply CSS styling using the ID selector to change the color of the heading to red.
   - Include comments in your code as necessary.