

Understanding and Applying CSS Properties

Objective:

The objective of this assignment is to help you understand and practice using CSS properties to style a webpage, focusing on color, background, text, font, margin, and padding.

Instructions:

Create an HTML Page:

Create a simple webpage with a header, a paragraph, image, links, a button, and a section with a list of items.

Save the HTML page as `index.html`.

Use CSS for Styling:

Create a separate CSS file and link it to your HTML page. Save the CSS file as `style.css`.

Apply the following CSS properties to style the page:

Part 1: Color and Background Properties

Color:

Set the text color of the header (`<h1>`) to a color of your choice (e.g., a shade of blue).

Set the color of the paragraph text to a contrasting color (Purple and yellow).

Choose an appropriate text color for the list items (``, ``).

Background:

Set a background color for the body of the page (use a light color, e.g., light gray or light blue).

Set a background image for the header section. Make sure to choose an image with a pleasant contrast to the text(**Dark text on a light background**)or(**Light text on a dark background**).

Part 2: Text and Font Properties

Text Properties:

Align the header text to the center of the page.

Set the paragraph text to be justified.

Apply a line height of 1.5 to the paragraph text for better readability.

Change the text of the button to be in uppercase.

Font Properties:

Change the font family of the header to a web-safe font (e.g., Arial, Verdana, etc.).

Set the font size of the paragraph text to 16px and the font size of the header to 36px.

Add font weight (bold) to the header.

For the list items, set the font style to italic.

Part 3: Margin and Padding Properties

Margins:

Set a margin of 20px around the entire body of the page.

Add a top margin of 40px to the header.

Add a bottom margin of 30px to the paragraph.

Padding:

Add padding of 10px inside the button.

Apply padding of 15px to the header to ensure the text does not touch the edges.

Add padding of 5px to the list items for better spacing.