CSS Practice Tasks: Background Properties and Selectors

Section 1: Background Properties

Problem 1: Background Color

Problem Statement:

Create a box (<div>) that has a light blue background color, some padding, and a black border.

 Expected Output:

A rectangular box with light blue background, text inside, and visible border.

Problem 2: Background Image

Problem Statement:

Create a <div> with a background image of your choice using a URL. Add some text inside and make sure the image is visible behind the text.

Use background-image, background-color (as fallback), and set height.

Problem 3: No Image Repeat

Problem Statement:

Apply a background image to a box, but make sure the image does not repeat. Use background-repeat property.

 Goal:

The image should only appear once in the box.

Problem 4: Background Size

Problem Statement:

Use background-size property to make a background image:

- Cover the whole box (cover)

- Then try to fit inside the box (contain)

Create two boxes to demonstrate both.

Problem 5: Background Position

Problem Statement:

Place a background image in the center of the box using background-position.

Add some height so the image positioning is visible.

Problem 6: Full Background Demo

Problem Statement:

Create a styled banner with:

- A background image

- background-size: cover

- background-repeat: no-repeat

- background-position: center

Add a heading in the center.

Section 2: CSS Selectors

Problem 7: Element Selector

Problem Statement:

Change the color and font size of all <p> tags on the page using the element selector.

Problem 8: Class Selector

Problem Statement:

Create a class called .highlight and apply it to multiple elements. Make the background yellow and add padding.

Problem 9: ID Selector

Problem Statement:

Create an element with an id="special". Style it with a unique background color and text color using #special.

Problem 10: Universal Selector

Problem Statement:

Use the universal selector (*) to set a global font-family and remove default margin/padding from all elements.

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Problem 11: Group Selector

Problem Statement:

Style multiple elements together using a group selector (e.g., h1, p, div) to give them the same text color and font size.

Problem 12: Descendant Selector

Problem Statement:

Create a <div> and place a <p> inside it. Style only the paragraph inside the div using the descendant selector (div p).

Problem 13: Child Selector

Problem Statement:

Create a <ul> list with <li> items. Style only the direct child <li> elements using the > selector.

Problem 14: Adjacent Sibling Selector

Problem Statement:

Create an <h3> followed by a <p>. Style the paragraph that comes immediately after the heading using the + selector.

Problem 15: Background + Selector Challenge

Problem Statement:

Create a .card class for a <div> that:

- Has a background image

- Text is white

- Padding and rounded corners

- Has a heading and a paragraph styled differently inside

Use .card h2 and .card p selectors for styling inner elements.