Coding Assignment Questions on Divisions, Images, and Buttons

1. **Create a webpage with three sections using the `<div>` tag:**

   - A header section with a main heading (`<h1>`) and a brief welcome message.
   - A middle section with a subheading (`<h2>`) and a short paragraph about yourself.
   - A footer section with contact information styled using Internal CSS.

2. **Write an HTML file styled with External CSS that includes:**

   - A `<div>` with a light blue background, 20px padding, and a black border.
   - Inside the `<div>`, add a heading (`<h2>`) and two paragraphs describing the importance of using `<div>` tags.

3. **Design a webpage that demonstrates the difference between Class and ID Selectors in CSS:**

   - Create a `<div>` with a class of `box` and style it with a green background and 10px padding.
   - Create another `<div>` with an ID of `highlight` and style it with a yellow background and bold text.

4. **Build a webpage that uses the `<img>` tag to display an image:**

   - Include attributes like `src`, `alt`, `width`, and `height`.
   - Add a title attribute to display a tooltip when the image is hovered over.
   - Style the image using inline CSS to add a border.

5. **Develop a webpage that demonstrates the use of Font Awesome icons:**

   - Use the CDN link for Font Awesome.
   - Add icons for Facebook, Twitter, and Instagram with proper styling (e.g., font size and color) using CSS.

6. **Create a webpage with three types of buttons (`type="button"`, `type="submit"`, and `type="reset"`):**

   - Use Inline CSS to style the buttons with different colors and font sizes.
   - Add a JavaScript `onclick` event to the "Click Me" button that displays an alert.

7. **Write a webpage to demonstrate the CSS Box Model:**

   - Include a `<div>` with content styled with padding, margin, and a border.
   - Use Internal CSS to apply different colors for each area (padding, border, margin).

8. **Create a webpage that uses the `<img>` tag with inline styles:**

   - Display an image with a red border, 10px margin, and centered alignment.
   - Add a paragraph below the image describing its content.

9. **Build a webpage that combines Group Selectors and Class Selectors:**

   - Group `<h1>`, `<h2>`, and `<p>` elements using a group selector to apply common styles like text color and alignment.
   - Use a class to apply additional unique styles to specific paragraphs.

10. **Write an HTML file to demonstrate CSS specificity rules:**

    - Create a `<p>` element styled with:

- Element selector for text color (`black`).
- Class selector for text color (`blue`).
- ID selector for text color (`green`).
- Inline styles for text color (`red`).
- Observe and explain which style takes precedence and why.