

html code:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta
      name="viewport"
      content="width=device-width,
initial-scale=1.0"
    />
    <title>CSS Selectors Practice</title>
  </head>
  <body>
    <header>
      <h1>Welcome to CSS Practice Page</h1>
      <p class="intro">
        This page demonstrates various
        CSS selectors and properties.
      </p>
    </header>

    <section id="section1">
      <h2>Group Selectors Example</h2>
      <p>
        This section will demonstrate group selectors
        for styling multiple
        elements together.
      </p>
      <div class="box">Box 1</div>
      <div class="box">Box 2</div>
      <div class="box">Box 3</div>
    </section>

    <section id="section2">
      <h2>Class Selectors Example</h2>
      <p class="text">
        Class selectors will apply styling to
        all elements with the same class.
      </p>
    </section>
  </body>
</html>
```

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<p class="text">This is another text element
  with the same class.</p>
</section>

<section id="section3">
  <h2>Id Selectors Example</h2>
  <p id="unique">This paragraph is styled with an
    ID selector.</p>
</section>

<section id="section4">
  <h2>Element Selectors Example</h2>
  <p>
    Element selectors target specific HTML elements.
    This paragraph is an
    example of this type.
  </p>
  <div>This is a div tag.</div>
  <p>This is another paragraph tag.</p>
</section>

<footer>
  <p>Footer text here</p>
</footer>
</body>
</html>
```

Task List:

- Change the background color of the body to lightblue.
- Change the font family of all text inside the body to 'Arial'.
- Make the text inside the h1 bold and set the color to darkblue.
- Set the font size of all paragraphs to 18px and change the font color to gray.
- Make all paragraphs inside the section2 have a font style of italic.
- Change the font size of the heading (h2) inside section1 to 24px.
- Change the background color of the box div elements to lightgreen.
- Set the text color of intro to darkred and make the font size 20px.
- Use the id selector to change the color of the paragraph with id=unique to purple.
- Change the font family of the paragraph with id=unique to Georgia.
- Set the font size of h2 elements to 26px and change the text color to teal.
- Add a border of 2px solid black around each box div.

- Use a group selector to change the font size of p, h1, and h2 to 18px.
- Use an element selector to change the text color of all p tags to darkgray.
- Make the text of text italic and change its font color to darkgreen.
- Change the background color of section3 to lightyellow.
- Make all text in the footer bold and set its font size to 16px.
- Change the color of the first div in the HTML to lightpink.
- Set the background color of header to lightgray and make the text color black.
- add padding of 20px to all paragraphs inside section4.
- apply a font size of 22px and text color #333 to all h1 elements.
- apply a lightblue background color to the footer.

Notes for Students:

- Inline CSS: Students can apply some of these tasks directly inside the style attribute (inline) on individual elements to see how inline styling works.
- External CSS: For tasks like background colors, font family, etc., they should use an external .css file and link it to the HTML.
- Internal CSS: Students can practice creating an internal CSS block inside the section using