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Section: TD22

### Applying CSS Styling and Layout to a Simple Webpage



The screenshot shows a product page for the Samsung Galaxy S25. At the top, there's a banner with the text "Samsung S25 - The Future is Here" and a blue phone with a circular camera cutout. Below the banner is a large blue phone with three cameras. The main content area has a light blue background. It includes sections for "What's New?", "Features", "Specs", "Price", "Order Now", and "Open Official Page". Under "What's New?", there's a brief description of the S25 series. The "Features" section has a heading "F e a t u r e s" and a list of five bullet points. The "Specs" section has a heading "S p e c s".

Samsung S25 - The Future is Here

What's New?

Features

Specs

Price

Order Now

Open Official Page

**W h a t ' s   N e w ?**

The Samsung Galaxy S25 is the new series of high-end Android-based smartphones developed and marketed by Samsung as part of its Galaxy S Series. They collectively serve as the successor to the Galaxy S24 series. The S25, S25+ and S25 Ultra models were announced on January 22, 2025, at the Galaxy Unpacked event in San Jose, California, and were released on February 7, 2025.

**F e a t u r e s**

- AI Experience - The new tech maximized the advanced Galaxy AI features for a user based experience.
- Performance - The Qualcomm Snapdragon 8 Elite powers the device, giving it the powerful performance leap.
- Camera - The Series' camera systems is high-end for its professional-grade features.
- Display - Samsung S25 possesses superior Dynamic AMOLED 2X displays. It has a smooth refresh rates of 120Hz, projecting vibrant visuals on screen.
- Design - It has comfortable grips while having a unique design.

**S p e c s**

The website is the previous practical assessment from previous activity which has been modified fully. By building the style and gridding of my website, I utilized the .css for faster and more organized work. When making the website, I made sure to create a separate file for each CSS file intended for its focus; for the aesthetics, I made a style.css. While for the page formation and spacing I made a grid.css. The style.css file contains all the elements that are tangible within the website, from fonts to colors. It also includes the Pseudo classes where I modified the elements and their hover for my website to look clean and modern. On the other hand, the grid.css file contains the orientation of the whole page. It completely uses padding, gap, border, and other elements that fit inside the category. In my original html file, most of the element's unique attributes are classified by id, not class, which taught me that identifying it by using the hash symbol with its id name beside it. Also, for the background, I wanted it to be styled and not just plain. Thus, I discovered and utilized the

linear-gradient to give the background some texture. Overall, I experimented with different codes and modified my html file a little bit for easier website building with CSS. With the activity, I am still confused on spacing and identifying attributes so that is what I need to improve on.

### Raw HTML Code:

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <link rel="stylesheet" href="css/styles.css">
  <link rel="stylesheet" href="css/grid.css">

  <title>Building Your First Semantic HTML Webpage</title>
</head>

<body>
  <header>
    <h1>Samsung S25 - The Future is Here</h1>
    
    <p></p>
  </header>
  <nav class="navbar">
    <a href="#New">What's New?</a>
    <a href="#Features">Features</a>
    <a href="#Specs">Specs</a>
    <a href="#Price">Price</a>
    <a href="#Order">Order Now</a>
    <a href="https://www.samsung.com/ph/smartphones/galaxy-s25/buy/" target="_blank" title="Samsung Official Page">Open Official Page</a>
  </nav>

  <main>
    <section id="New">
      <article>
        <h2>What's New?</h2>
        <p>The Samsung Galaxy S25 is the new series of high-end Android-based smartphones developed and marketed by Samsung as part of its Galaxy S Series. They collectively serve as the successor to the Galaxy S24 series. The S25, S25+ and S25 Ultra models were announced on January 22, 2025, at the Galaxy Unpacked event in San Jose, California, and were released on February 7, 2025.</p>
      </article>
    </section>

    <section id="Features">
      <h2>Features</h2>
```

```

<ul>
    <li>AI Experience - The new tech maximized the advanced Galaxy AI features for a user based experience.</li>
    <li>Performance - The Qualcomm Snapdragon 8 Elite powers the device, giving it the powerful performance leap.</li>
    <li>Camera - The Series' camera systems is high-end for its professional-grade features.</li>
    <li>Display - Samsung S25 possesses superior Dynamic AMOLED 2X displays. It has a smooth refresh rates of 120Hz, projecting vibrant visuals on screen.</li>
    <li>Design - It has comfortable grips while having a unique design.</li>
</ul>
</section>
</section>

<section id="Specs">
    <h2>Specs</h2>

    <section>
        <ul>
            <li>6.2-inch 1080p</li>
            <li>120Hz AMOLED display</li>
            <li>Qualcomm Snapdragon 8 Elite Processor</li>
            <li>12GB RAM</li>
            <li>128GB/256GB/512GB Storage</li>
            <li>400mAh Battery, 25W Charging</li>
            <li>Android 15, One UI 7</li>
        </ul>
    </section>

    <section id="Price">
        <h2>Price</h2>
        <table>
            <thead>
                <tr>
                    <th>Version</th>
                    <th>₹</th>
                </tr>
            </thead>
            <tr>
                <td>S25 256GB</td>
                <td>51,990</td>
            </tr>
            <tr>
                <td>S25 512GB</td>
                <td>60,990</td>
            </tr>
            <tr>
                <td>S25+ 256GB</td>
                <td>67,990</td>
            </tr>
            <tr>
                <td>S25+ 512GB</td>
            </tr>
        </table>
    </section>

```

```

        <td>76,990</td>
    </tr>
    <tr>
        <td>S25 Ultra 256GB</td>
        <td>84,990</td>
    </tr>
    <tr>
        <td>S25 Ultra 512GB</td>
        <td>93,990</td>
    </tr>
</table>
</section>

<section id="Order">
    <h3>Order Now</h3>
    <form action="" method="post">
        <div>
            <label for="Email">Email:</label>
            <input type="email" name="Email" id="Email">
        </div>
        <div>
            <label for="Version">Version:</label>
            <select name="Version" id="Version">
                <option value="1">S25 256GB</option>
                <option value="2">S25 512GB</option>
                <option value="3">S25+ 256GB</option>
                <option value="4">S25+ 512GB</option>
                <option value="5">S25 Ultra 256GB</option>
                <option value="6">S25 Ultra 512GB</option>
            </select>
        </div>
        <div>
            <label for="reply">Leave A Message!</label>
            <input type="text" name="reply" id="reply">
        </div>
        <div>
            <button type="submit" name="submit">Send</button>
        </div>
    </form>
</section>

</main>
<footer>
    <p>&copy; For Educational Purposes Only</p>
</footer>
</body>
</html>

```

Raw CSS Code:

## styles.css

```
header { background: linear-gradient(to bottom, #556dbcb6, #dae1f8b6); color: #caddffe0; text-align: center; letter-spacing: 1.5rem; /* space between letters / line-height: 1.5in; / space between lines / */ header img { opacity: 0.84632; /* 0 is fully transparent, 1 is fully opaque */ border-radius: 5pt; width: 50%; /* set desired width / height: auto; / keeps aspect ratio */ align-items: center; } }

body { font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Verdana, sans-serif; text-align: justify; justify-content: center; align-items: stretch; }

footer { background: linear-gradient(to bottom, #556dbcb6, #dae1f8b6); text-align: center; color: #556dbcb6; }

main { background: linear-gradient(to bottom, #dae1f8b6, #556dbcb6); color: rgb(17, 19, 60) }

.navbar { text-align: center; background-color: #dae1f8b6; }

a:hover { text-decoration: none; } a { color: #556dbcb6; text-decoration: none; font-weight: lighter; }

#New { font-size: 1.2rem; line-height: 2rem; } #New h2 { letter-spacing: 1rem; line-height: 3rem; font-weight: bold; }

#Features { align-items: start; font-size: 1.2rem; line-height: 2rem; } #Features h2 { letter-spacing: 1rem; line-height: 3rem; font-weight: bold; } #Features img { width: 100%; height: auto; border-radius: 5pt; opacity: 0.84632; } #Features ul { font-size: 1.2rem; color: #222; line-height: 2; }

#Specs { text-align: justify; font-size: rem; line-height: 2rem; } #Specs h2 { letter-spacing: 1rem; font-weight: bold; line-height: 3rem; text-align: center; } #Specs ul { color: #dae1f8b6; font-size: 1.67rem; background: #556dbc76; line-height: 2rem; }

#Price { font-size: 1.2rem; line-height: 2rem; } #Price h2 { text-align: left; font-weight: bold; } table { width: 65%; background: #e6eaf8b6; }

#Order { color: #0e152eb4; font-size: 1.5rem; } button { background: #556dbc42; color: #dae1f8b6; font-size: 1rem; } label { font-size: 1.2rem; line-height: 2rem; } input { background-color: #dae1f8b9; } select { background-color: #dae1f8b9; font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande', 'Lucida Sans Unicode', Verdana, sans-serif; }
```

## grid.css

```
* { margin: 0; padding: 0; box-sizing: border-box; display:flexbox; }

body { min-height: 100vh; }
```

```
header { grid-area: header; gap: 1rem; padding: 1rem; } footer { grid-area: footer; padding: 1rem; } main { grid-area: main; display: block; gap: 1rem; padding: 1rem; }

.navbar { grid-area: navbar; display: grid; grid-template-columns: 0.5fr 0.5fr 0.5fr 0.5fr 0.5fr 0.5fr; align-items: center; gap: 2rem; padding: 2rem; }

#New { grid-area: New; display: grid; grid-template-columns: 3.5fr 0.5fr; gap: 2rem; padding: 1rem; }

#Features { display: grid; grid-template-columns: 1fr 2fr 0.45fr; /* image left, text right */ gap: 2rem; padding: 1rem; } #Features img { grid-column: 1; } #Features ul { grid-column: 2; margin: 0; padding-left: 1.5rem; }

#Specs { grid-area: Specs; display: grid; gap: 0rem; padding: 2rem; } #Specs ul { border-radius: 5pt; margin: 2rem; padding: 4rem; }

#Price { display: grid; gap: 2rem; padding: 1rem; } table { border-radius: 5pt; padding: 2rem; }

#Order { display: grid; border-radius: 5pt; gap: 2rem; padding: 2rem; } button { border-radius: 3pt; padding: 0.5rem; border-style: hidden; } label { gap: 1rem; padding: 0.5rem; } input { margin: 0.5rem; padding: 0.5rem; border-radius: 3pt; border-style: hidden; } select { margin: 0.5rem; padding: 0.5rem; border-radius: 3pt; border-style: hidden; }
```