BCSE203E- Web Programming

Assignment

Topics –, HTML Block and Inline Elements <div> and <span> and Semantic HTML.

Activity 1:

- A description of yourself in minimum 3 paragraphs and justify the text content
- Highlight the most important word(s) and infer the differences of bold, strong, emphasize.
- Use background colours and text colours appropriately for a good design.
- Add your image in left corner of the first paragraph

Code:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>About Me</title>

</head>

<body>

   <div style="font-family: Arial, sans-serif; line-height: 1.6; max-width: 600px; margin:
20px auto; background-color: #f9f9f9; padding: 15px; border: 1px solid #ddd; border-radius:
8px;">

     <div style="overflow: hidden; margin-bottom: 20px;">

       <img src="profile.jpg" alt="My Photo" style="float: left; margin-right: 15px; width:
100px; height: 100px; border-radius: 50%; border: 2px solid #ccc;">

       <p style="text-align: justify;">Hello! My name is <strong>Midhul kiruthik</strong>,
and I am a passionate web developer with a love for creating clean and user-friendly designs.
Over the years, I have honed my skills in front-end development, making websites that not
only look great but also function seamlessly.</p>

     </div>
```

<p style="text-align: justify;">In my free time, I enjoy exploring new technologies and keeping up with the latest trends in web development. I believe in the power of strong collaboration and teamwork, which have always helped me grow professionally and personally. When I'm not coding, I indulge in reading books and hiking in nature.</p>

<p style="text-align: justify;">My ultimate goal is to create meaningful projects that make a difference. I am always looking for ways to improve and contribute to the tech community. If you're interested in working with me or just want to connect, feel free to reach out!</p>

<p>

<strong style="color: blue;">Note:

The strong tag visually bolds text and adds semantic importance, while bold only affects styling. Similarly, the emphasize tag italicizes text and implies emphasis, while <i>italic</i> is purely stylistic.

</p>

</div>

</body>

</html>

Output:

Hello! My name is **Midhul kiruthik**, and I am a passionate web developer with a love for creating clean and user-friendly designs. Over the years, I have honed my skills in front-end development, making websites that not only look great but also function seamlessly.

In my free time, I enjoy exploring new technologies and keeping up with the latest trends in web development. I believe in the power of **strong** collaboration and teamwork, which have always helped me grow professionally and personally. When I'm not coding, I indulge in reading books and hiking in nature.

My ultimate goal is to create meaningful projects that make a difference. I am always looking for ways to *improve* and contribute to the tech community. If you're interested in working with me or just want to connect, feel free to reach out!

Note: The **strong** tag visually bolds text and adds semantic importance, while **bold** only affects styling. Similarly, the *emphasize* tag italicizes text and implies emphasis, while *italic* is purely stylistic.

Note: Incorporate HTML Block *<div>* and Inline Elements *<span>*

Activity 2: Semantic html

Design a web page of your choice "*myindex.html*" and include the following information as follows.

- Home Page - Short Descriptions about your theme.
- Navigation page- include all the activity listed as per module 2 (all html documents)
- Blog Page – Photos/ videos/ hyperlinks
- Contact us – Use your intuitive approach and add the form fields for a contact us page in the footer.

Code;

<!DOCTYPE html>

<html lang="en">

<head>

   <meta charset="UTF-8">

   <meta name="viewport" content="width=device-width, initial-scale=1.0">

   <title>My Index Page</title>

</head>

<body style="font-family: Arial, sans-serif; line-height: 1.6; margin: 0; padding: 0;">

   <header style="background: #333; color: #fff; text-align: center; padding: 10px 0;">

     <h1>Welcome to My Website</h1>

     <p>A simple semantic HTML design</p>

   </header>

   <nav style="background: #555; color: #fff; text-align: center; padding: 10px;">

     Home

     Navigation

     Blog

     Contact Us

   </nav>

```html
<main style="padding: 20px; background: #f9f9f9;">

    <section>

        <h2 style="color: #333;">About the Website</h2>

        <p>This website is designed to demonstrate the use of semantic HTML and includes a home page, navigation, blog, and contact us page. Explore and enjoy!</p>

    </section>

</main>


<footer id="contact-us" style="background: #333; color: #fff; text-align: center; padding: 20px;">

    <h3>Contact Us</h3>

    <form style="display: flex; flex-direction: column; align-items: center;">

        <input type="text" placeholder="Your Name" style="margin: 5px; padding: 10px; width: 80%; max-width: 400px;">

        <input type="email" placeholder="Your Email" style="margin: 5px; padding: 10px; width: 80%; max-width: 400px;">

        <textarea placeholder="Your Message" style="margin: 5px; padding: 10px; width: 80%; max-width: 400px; height: 100px;"></textarea>

        <button type="submit" style="margin: 5px; padding: 10px; width: 80%; max-width: 400px; background: #555; color: #fff; border: none; cursor: pointer;">Send</button>

    </form>

</footer>

</body>

</html>
```
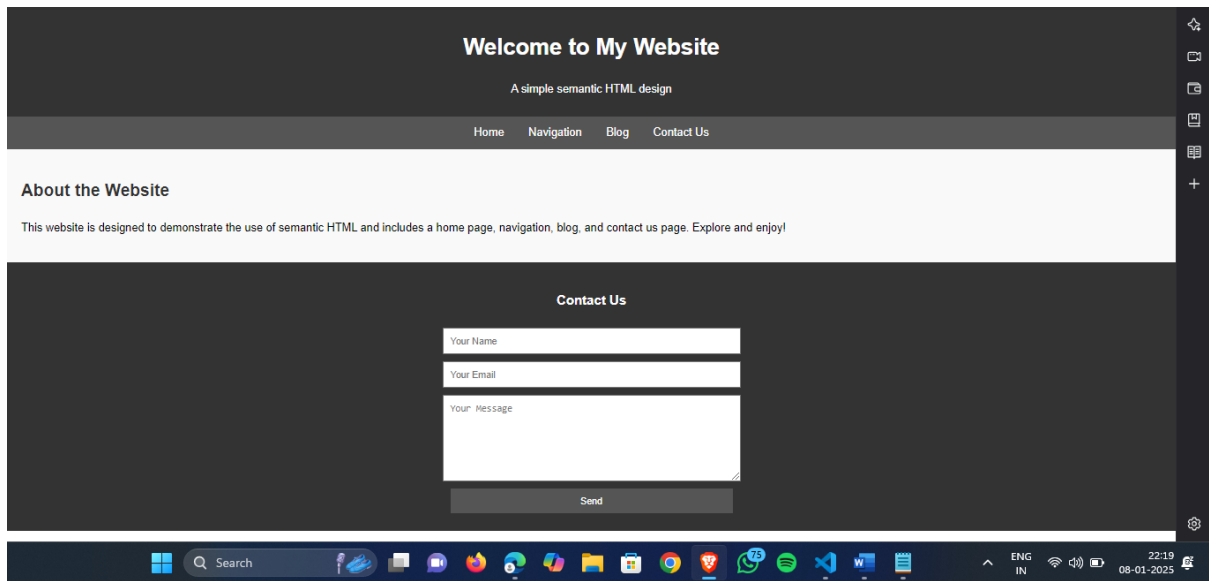
Output:

Activity 3: Create the following layout pages using CSS and div

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Division Layout</title>
</head>
<body>
    <!-- Parent Division -->
    <div style="background-color: cyan; height: 400px;">
```

```
<b>This is the parent division!</b>

<!-- Child Division 1 -->
<div style="background-color: maroon; color: white; height: 300px;">
   This is child 1!        </div>

<!-- Child Division 2 -->
<div style="background-color: purple; color: white; height: 100px;">
   This is child 2!
</div>
</div>
</body>
</html>
```

Output:

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Division Layout</title>
</head>
<body>
    <!-- Parent Division -->
    <div style="background-color: cyan; height: 418px; width: 500px;">
      This is the parent division!

        <!-- First Child Division -->
        <div style="background-color: yellow; width: 250px; height:250px; ">
          <p style="margin: 0;">This is a child division!</p>
        </div>

        <!-- Second Child Division -->
        <div style="background-color: magenta; width: 330px; height: 150px;">
```
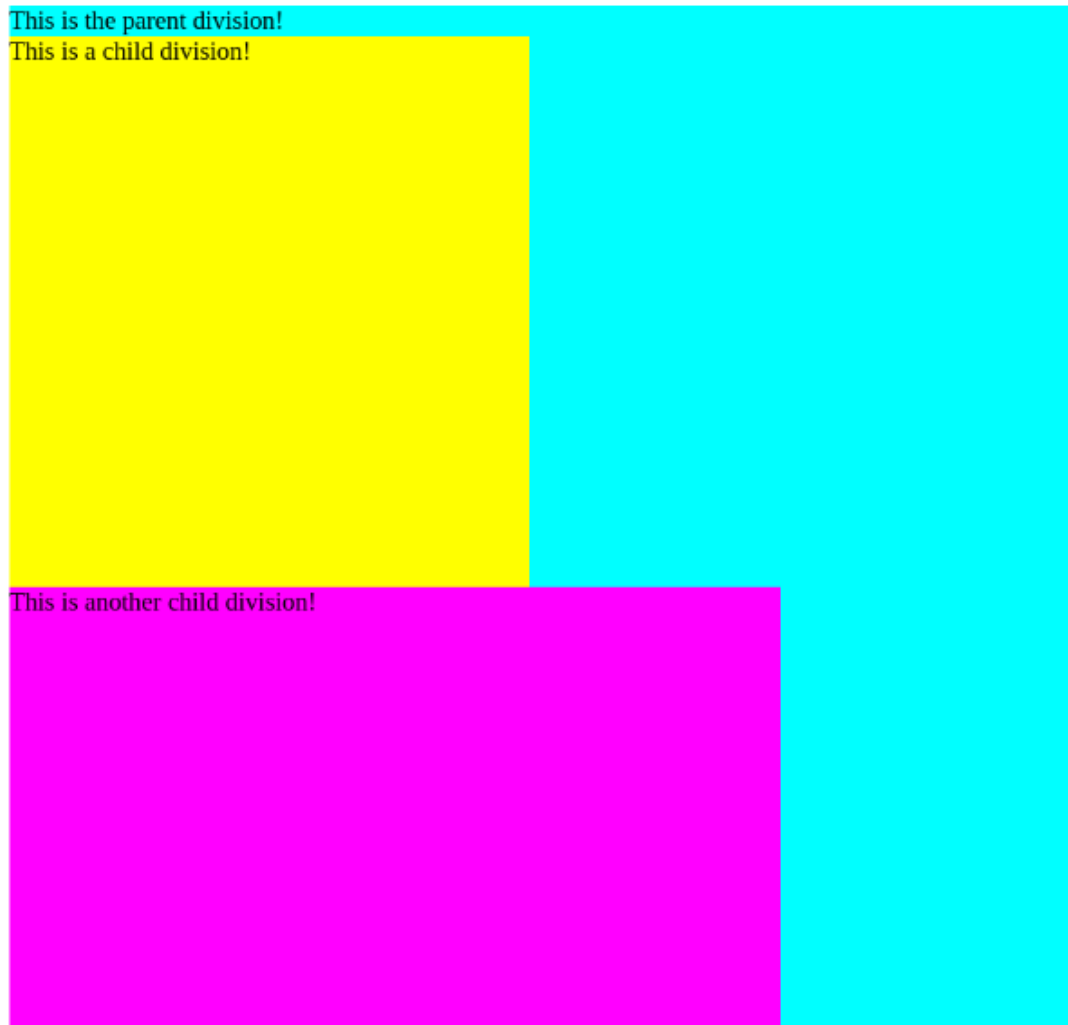
```html
            <p style="margin: 0;">This is another child division!</p>
        </div>
    </div>
</body>
</html>
```
Output: