| **Name : Disha Bhat** | **Class/Roll No. :D11AD/6** | **Grade :** |
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**Title of Experiment :**

Enhance your personal website that you made in Experiment 01 using CSS.

(Use CSS Color, Background, Fonts, Tables, lists,CSS3 selectors, Pseudo classes, Pseudo elements etc.)

**Objective of Experiment :**Apply CSS features including color, background, fonts, tables, lists, selectors, and pseudo elements to improve the visual design.

**Outcome of Experiment :** Improved website with enhanced styling, typography, and layout through the use of CSS.

**Problem Statement :**Apply advanced CSS techniques to enhance the visual appeal and design of your personal website created in Experiment 01.

**Description / Theory :**

In this, I enhanced my personal website by incorporating CSS to improve its design and user experience. Here are the changes I made compared to Experiment 1:

Intro page: Added an introduction page of the website which showcases the name and the navar leading to the homepage.

External Stylesheet: In Experiment 1, I had embedded styles directly into the HTML code. In Experiment 2, I moved the CSS styles to an external stylesheet, enhancing code organization and maintainability.

Fonts: In Experiment 1 used predeined fonts but in Experiment 2, I added different font styles/stylesheets to various sections of the website, like 'Dancing Script' for headers and 'Gluten' for the content, improving the visual appeal.

Background Image: Experiment 1 had a background color. In Experiment 2, I incorporated a background image with opacity using the ‘::before’ pseudo-element on the header, enhancing the aesthetic.

Navigation Bar: Experiment 2's navigation bar has improved visual styling with a highlighted color change on hover and increased font size for better visibility.

Section Styling: I refined the section layout in Experiment 2 using flex properties to center content, improving alignment and responsiveness.

Images: Images were previously displayed without any specific styling. In experiment 2, I used the Bootstrap class "img-responsive" to make images responsive to different screen sizes.

Styling Enhancements: I applied CSS3 selectors, such as hovering effects on navigation items and image opacity change, adding interactivity and visual feedback.

Lists Styling: Experiment 2 refined the styling of lists, giving them a unique appearance with padding and custom bullet points.

Navbar Styling: I modified the color of the navigation bar text in Experiment 2 to improve readability and visual consistency.

Typography: I adjusted font sizes and alignment for headings and paragraphs, improving readability and overall aesthetics.

**Program :**

| 1. | **Intro page:**  <!DOCTYPE html>  <html>  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <link rel="icon" type="img/x-icon" href="images/books.jpg">  <title>PRACTICAL 1</title>  <link rel="stylesheet"  href="https://fonts.googleapis.com/css?family=Tangerine">  <link href="https://fonts.googleapis.com/css2?family=Dancing+Script:wght@500&display=swap" rel="stylesheet">  <link href="https://fonts.googleapis.com/css2?family=Gluten&display=swap" rel="stylesheet">  <link href="https://fonts.googleapis.com/css2?family=Sedgwick+Ave+Display&display=swap" rel="stylesheet">  <style>  .books{  height: 30px;  width: 100 px;  }  .row {  display: flex;  }  .column {  flex: 33.33%;  padding: 5px;  }  .navbar{  color: #ffffff;  }  .place{  margin-top: -45px;  font-family: Dancing Script;  font-size: 25px;  }  header::before{  background: url('https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcRsYesINlijLw1e1cpnvy\_hFfPbuJ-NBJoEAg&usqp=CAU') no-repeat center center/cover;  content: "";  position: absolute;  top:0;  left: 0;  width: 100%;  height: 100%;  z-index: -1;  opacity: 0.3;  }  section {  height: 344px;  font-family: 'Bree Serif', serif;  margin: 3px 230px;  display: flex;  flex-direction: column;  align-items: center;  justify-content: center;  }  .navigation {  font-family: 'Bree Serif', serif;  font-size: 20px;  display: flex;  }  .item{  list-style: none;  padding: 20px 23px;  }  </style>  </head>  <body style="background-color:rgb(0, 0, 0);">  <header>  <nav class="navbar">  <ul class="navigation">  <li class="item"><a href="WC\_1.html">Home</a></li>  <li class="item">About</li>  <li class="item">Books List</li>  <li class="item">Contact Us</li>  </ul>  </nav>  </header>  <section>  <h1 style="color: #ffffff;text-align: center; font-family: Tangerine; font-size: 65px;text-shadow: 4px 4px 4px #aaa;">BOOK<br>FORUM</h1>  <div class="place">  <h4 style="color: #ffffff;text-align: center;">a place to know various books</h4>  </div>  </section>    **Home page:**  <!DOCTYPE html>  <html>  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <link rel="icon" type="img/x-icon" href="images/books.jpg">  <title>PRACTICAL 1</title>  <link rel="stylesheet"  href="https://fonts.googleapis.com/css?family=Tangerine">  <link href="https://fonts.googleapis.com/css2?family=Dancing+Script:wght@500&display=swap" rel="stylesheet">  <link rel="preconnect" href="https://fonts.googleapis.com">  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>  <link href="https://fonts.googleapis.com/css2?family=Indie+Flower&display=swap" rel="stylesheet">  <link href="https://fonts.googleapis.com/css2?family=Gluten&display=swap" rel="stylesheet">  <link href="https://fonts.googleapis.com/css2?family=Sedgwick+Ave+Display&display=swap" rel="stylesheet">  <link rel="preconnect" href="https://fonts.googleapis.com">  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>  <link href="https://fonts.googleapis.com/css2?family=Shadows+Into+Light&display=swap" rel="stylesheet">  <link rel="preconnect" href="https://fonts.googleapis.com">  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>  <link href="https://fonts.googleapis.com/css2?family=Courgette&display=swap" rel="stylesheet">  <style>  .books{  height: 30px;  width: 100 px;  }  .row {  display: flex;  }  .column {  flex: 33.33%;  padding: 5px;  }  .navbar{  color: #ffffff;  }  .place{  margin-top: -45px;  font-family: Dancing Script;  font-size: 25px;  }  .navigation {  font-family: 'Bree Serif', serif;  font-size: 20px;  display: flex;  }  .item{  list-style: none;  padding: 20px 23px;  }  </style>  </head>  <body style="background-color:rgb(0, 0, 0);">  <header>  <nav class="navbar">  <ul class="navigation">  <li class="item">Home</li>  <li class="item">About</li>  <li class="item">Books List</li>  <li class="item">Contact Us</li>  </ul>  </nav>  </header>  <section>  <h1 style="color: #ffffff;text-align: center; font-family: Tangerine; font-size: 65px;margin-top: -1.75%; 4px 4px 4px #aaa;">BOOK FORUM</h1>  <div class="place">  <h4 style="color: #ffffff;text-align: center;">a place to know various books</h4>  </div>  </section>  <div class="books">  <img src = "https://images.unsplash.com/photo-1495446815901-a7297e633e8d?ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8Mnx8Ym9va3N8ZW58MHx8MHx8fDA%3D&w=1000&q=80" alt = "Test Image" style="width: 100%; max-height: 300px;">  </div>  <br><br><br><br><br><br><br><br><br><br><br><br><br><br><br>  <div name="um" style="text-align: center;">  <h1 style="font-family: verdana; color: #EEA47F ">Why Read Books?</h1>    <p style=" font-family: 'Gill Sans', sans-serif;">  <div style="color: #ffffff;font-family: 'Indie Flower', cursive;font-size: 40px;">"Books are a uniquely portable magic"</div>  <div style=" color:#8EE4AF;width: 750px; text-align: center;padding-left: 25%;font-size: 20px;"><br>What is the importance of books in our life? Books play a quintessential role in every student’s life by introducing them to a world of imagination, providing knowledge of the outside world, improving their reading, writing and speaking skills as well as boosting memory and intelligence.  <br>  The importance of books in our life cannot be undermined for they not only help in broadening our horizons but also act as doorways to connecting us with the world around us. They function as survival kits, they influence us and leave an impact on us. Want to know the benefits of books and the importance of reading?  </div></p></div>  <div>  <br><br><br><hr><br><br>  <div>  <h2 style="color: #ffffff ;font-family: 'Courgette', cursive;font-size: 35px; text-align: center;">What are our Critics Saying?</h2>    <div class="row">  <div class="column">  <a href="book1.html" target="\_blank">  <img src="killmock.jpeg" alt="Snow" style="width:100%">  </a>  </div>  <div class="column">  <img src="callme.jpg" alt="Forest" style="width:100%">  </div>  <div class="column">  <img src="ove.jpeg" alt="Mountains" style="width:100%">  </div>  <div class="column">  <img src="kiterunner.jpeg" alt="Mountains" style="width:100%">  </div>  <div class="column">  <img src="Prideandp.jpg" alt="Mountains" style="width:100%">  </div>  </div>  </div>  <div style="text-align: centre; padding-left: 18%;">  <h2 style="font-family: verdana;color: #EEA47F">Benefits of Reading books</h2>  <p style="font-family: 'Gill Sans', sans-serif; font-size: 20px;color:#8EE4AF">  Here are 10 benefits of reading that illustrate the importance of reading books. When you read every day you:  <ol style= "color:#ffffff; font-family: 'Zeyada', cursive;font-size: 20px;">  <li>Gain valuable knowledge</li>  <li>Exercise your brain</li>  <li>Improve your focus</li>  <li>Improve your memory</li>  <li>Enjoy entertainment</li>  <li>Improve your ability to empathize</li>  <li>Improve your communication skills</li>  <li>Reduce stress</li>  <li>Live longer</li>  <li>Improve your mental health</li>  </ol>  </p>  <h2 style="font-family: verdana; color:#EEA47F">Types of Books</h2>    <ol style="font-family: 'Gill Sans', sans-serif; font-size: 20px;width: 900px; color:#8EE4AF">  <li>Fiction</li>  <p style="font-size: 20px;">The term "fiction novels" is actually redundant since a novel is always fiction. In publishing, fiction refers to imagined stories and characters, while non-fiction is writing about true events or real people. Fiction novels are books written in different genres, or themes. Science fiction, romance, mystery and thriller are just some of the many genres of popular novels sold today.  <ul style="color:#ffffff;font-size: 20px; ;">  <li>Mystry</li>  <li>Mythological</li>  <li>Poetry</li>  <li>Fantasy</li>  <li>Romance</li>  </ul>  <br>  <li style="font-size: 20px;">Non-Fiction</li>  <p style="font-size: 20px;">Nonfiction is literature that, regardless of the subject matter, has a simple goal: to provide information. It should be based on facts and conclusions of the author’s research or expertise, as opposed to the creativity of the author’s imagination. Granted, storytelling skills are required when writing a great work of nonfiction, but the content is still expected to be accurate. In addition to this, modern nonfiction is prose — writing that sounds like everyday speech and is not written in meter, like poetry.</p>  <ul style="color: #ffffff ;font-size: 20px;;">  <li>Autobiography and Biography</li>  <li>Cookbooks</li>  <li>Self-Help</li>  <li>Memoirs</li>  </ul>  </ol><br>  <h2 style="font-family: verdana; color:#EEA47F">Some must read books we feel: </h2>  <div style="margin: 20px; max-width: 800px;font-family: Gluten;">  <div style="display: flex; background-color: #EEA47F; text-align: center; font-weight: bold;">  <div style="flex: 1; padding: 10px;">Book Title</div>  <div style="flex: 1; padding: 10px;">Author</div>  </div>  <div style="display: flex; background-color: #8EE4AF;">  <div style="flex: 1; padding: 10px;">Pride and Prejudice</div>  <div style="flex: 1; padding: 10px;">Jane Austen</div>  </div>  <div style="display: flex; background-color: #8EE4AF;">  <div style="flex: 1; padding: 10px;">To Kill a Mockingbird</div>  <div style="flex: 1; padding: 10px;">Harper Lee</div>  </div>  <div style="display: flex; background-color: #8EE4AF;">  <div style="flex: 1; padding: 10px;">1984</div>  <div style="flex: 1; padding: 10px;">George Orwell</div>  </div>  <div style="display: flex; background-color: #8EE4AF;">  <div style="flex: 1; padding: 10px;">The Great Gatsby</div>  <div style="flex: 1; padding: 10px;">F. Scott Fitzgerald</div>  </div>  <div style="display: flex; background-color: #8EE4AF;">  <div style="flex: 1; padding: 10px;">Moby-Dick</div>  <div style="flex: 1; padding: 10px;">Herman Melville</div>  </div>  <div style="display: flex; background-color: #8EE4AF;">  <div style="flex: 1; padding: 10px;">Jane Eyre</div>  <div style="flex: 1; padding: 10px;">Charlotte Brontë</div>  </div>  <div style="display: flex; background-color: #8EE4AF;">  <div style="flex: 1; padding: 10px;">War and Peace</div>  <div style="flex: 1; padding: 10px;">Leo Tolstoy</div>  </div>  <div style="display: flex; background-color: #8EE4AF;">  <div style="flex: 1; padding: 10px;">Crime and Punishment</div>  <div style="flex: 1; padding: 10px;">Fyodor Dostoevsky</div>  </div>  <div style="display: flex; background-color: #8EE4AF;">  <div style="flex: 1; padding: 10px;">Frankenstein</div>  <div style="flex: 1; padding: 10px;">Mary Shelley</div>  </div>    </div>  </div>  </body>  </html>    **Book1page:**  <!DOCTYPE html>  <html>  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1.0">  <title>"To Kill a Mockingbird" - Classic Literature Site</title>  <link rel="stylesheet"  href="https://fonts.googleapis.com/css?family=Tangerine">  <link href="https://fonts.googleapis.com/css2?family=Dancing+Script:wght@500&display=swap" rel="stylesheet">  <link rel="preconnect" href="https://fonts.googleapis.com">  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>  <link href="https://fonts.googleapis.com/css2?family=Indie+Flower&display=swap" rel="stylesheet">  <link href="https://fonts.googleapis.com/css2?family=Gluten&display=swap" rel="stylesheet">  <link href="https://fonts.googleapis.com/css2?family=Sedgwick+Ave+Display&display=swap" rel="stylesheet">  <link rel="preconnect" href="https://fonts.googleapis.com">  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>  <link href="https://fonts.googleapis.com/css2?family=Shadows+Into+Light&display=swap" rel="stylesheet">  <link rel="preconnect" href="https://fonts.googleapis.com">  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>  <link href="https://fonts.googleapis.com/css2?family=Courgette&display=swap" rel="stylesheet">  <style>  .book-cover {  display: block;  margin-left: auto;  margin-right: auto;  width: 20%;  height: 400px;}  </style>  </head>  <body style="background-color:rgb(0, 0, 0);">  <header>  <h1 style="color: #ffffff; text-align: center;font-family: 'Courgette'">" To Kill a Mockingbird "</h1>  <p style="color: #8EE4AF; font-family: verdana; text-align: center;">by Harper Lee</p>  </header>  <main>  <img src="killmock.jpeg" alt="Book Cover" class="book-cover">  <div style="padding-left: 23%;text-align: justify;width:850px">    <h2 style="color: #ffffff;font-family: verdana;">Summary</h2>  <p style="color: #EEA47F; font-family: 'Gill Sans', sans-serif;">  "To Kill a Mockingbird" is a novel set in the racially charged atmosphere of the 1930s in a small Southern town. The story follows Scout Finch, her brother Jem, and their father Atticus as they navigate moral complexities and the challenges of racial injustice.  </p>  <h2 style="color: #ffffff;font-family: verdana;">Historical Context</h2>  <p style="color: #EEA47F; font-family: 'Gill Sans', sans-serif;">  The novel explores themes of racial inequality and social injustice, reflecting the real-life tensions and struggles of the time period.  </p>  <h2 style="color: #ffffff;font-family: verdana;">Literary Analysis</h2>  <p style="color: #EEA47F; font-family: 'Gill Sans', sans-serif;">  The book addresses important themes such as morality, empathy, and the loss of innocence. It offers a powerful critique of prejudice and discrimination.  <p style="color: #EEA47F;font-family: 'Gill Sans', sans-serif;">Harper Lee's "To Kill a Mockingbird" is a timeless and impactful masterpiece that delves deep into the themes of racial injustice, morality, and the loss of innocence. Set against the backdrop of the racially charged 1930s in the fictional town of Maycomb, Alabama, the novel follows the life of Scout Finch, a young girl, and her brother Jem as they navigate the complexities of their small Southern community.</p>  <p style="color: #EEA47F ;font-family: 'Gill Sans', sans-serif;">At its core, "To Kill a Mockingbird" is a story about empathy and understanding. The novel's moral compass is guided by Atticus Finch, Scout and Jem's father, who is a lawyer tasked with defending a black man, Tom Robinson, who is falsely accused of raping a white woman. Through Atticus's unwavering commitment to justice and fairness, the novel highlights the harsh realities of racial prejudice and the challenges of challenging societal norms.</p>  <p style="color: #EEA47F; font-family: 'Gill Sans', sans-serif;">The character development in the novel is exquisite, with Scout's innocent and curious perspective acting as a lens through which the reader witnesses the unfolding events. Scout's interactions with characters like the mysterious Boo Radley, her neighbor Miss Maudie, and her friend Dill provide both moments of humor and poignant insights into the complexities of human nature.</p>  <p style="font-family: 'Gill Sans', sans-serif; ;color: #EEA47F">Lee's writing is both poignant and evocative, capturing the essence of the Deep South with vivid descriptions and authentic dialogue. The title itself, "To Kill a Mockingbird," is a metaphor that captures the novel's central message: that it is a sin to harm innocent beings who bring nothing but joy and beauty into the world.</p>  <p style="font-family: 'Gill Sans', sans-serif;color: #EEA47F">One of the strengths of "To Kill a Mockingbird" is its ability to provoke deep introspection. It prompts readers to examine their own beliefs, biases, and moral compasses. The novel's exploration of themes such as courage, empathy, and social justice transcends its historical context, making it a relevant and thought-provoking read for generations.</p>  <p style="font-family: 'Gill Sans', sans-serif; ;color: #EEA47F">"To Kill a Mockingbird" continues to be a seminal work that sheds light on the complexities of human behavior, the importance of standing up for what is right, and the enduring power of compassion. Its impact on literature and society is immeasurable, solidifying its place as one of the greatest novels of all time.</p>    </p>  <h2 style="color: #ffffff;font-family: verdana;">Quotes</h2>  <blockquote style="color: #8EE4AF; font-family: 'Gill Sans', sans-serif;">  "The one thing that doesn't abide by majority rule is a person's conscience." - Atticus Finch  </blockquote>  <h2 style="color: #ffffff;font-family: verdana;">Discussion</h2>  <p style="color: #EEA47F; font-family: 'Gill Sans', sans-serif;">  Join the discussion about the book's themes and share your insights with fellow readers. ----> <a href="https://www.google.com/search?q=to+kill+a+mockingbird+reviews&sca\_esv=560300077&rlz=1C1CHZN\_enIN1044IN1044&sxsrf=AB5stBizWMwEQMNYJgsEzl1jmQitjOyCSg%3A1693039528522&ei=qLvpZMWXH47OseMP\_LKQ-AE&gs\_ssp=eJzj4tDP1TfIKkyqMmD0kirJV8jOzMlRSFTIzU\_OzsxLT8osSlFIys\_PBgDuuQz-&oq=to+kill+a+mockingbird+book&gs\_lp=Egxnd3Mtd2l6LXNlcnAiGnRvIGtpbGwgYSBtb2NraW5nYmlyZCBib29rKgIIADIFEC4YgAQyBRAAGIAEMgUQABiABDIFEAAYgAQyBRAAGIAEMgUQABiABDIKEAAYgAQYFBiHAjIFEAAYgAQyBRAAGIAEMgUQABiABDIUEC4YgAQYlwUY3AQY3gQY4ATYAQFI1C5QqANYuyJwAXgAkAEBmAGNBKABgh-qAQwwLjEwLjMuMi4xLjG4AQPIAQD4AQHCAgsQABiKBRiGAxiwA8ICBBAjGCfCAgcQABgNGIAEwgIGEAAYHhgNwgIIEAAYigUYhgPCAggQABiKBRiRAuIDBBgBIEGIBgGQBgO6BgYIARABGBQ&sclient=gws-wiz-serp&stick=H4sIAAAAAAAAAOMwe8QYxi3w8sc9YSnfSWtOXmN05-ILKMrPSk0uCUoty0wtLxYS42JzzSvJLKkU4pHi4uLQz9U3yCpMqlKSfcQoziWanWyln5Sfnw0mrIogejqYmHgWscqW5CtkZ-bkKCQq5OYnZ2fmpSdlFqUoQNUAAMzKqu57AAAA&ictx=1&ved=2ahUKEwj29fCI-PmAAxU1TGwGHdlTBB8QyNoBKAB6BAgTEAA">Here</a>  </p>  <h2 style="color: #ffffff;font-family: verdana;"><a href="">Buy the Book Now!</a></h2>    <h2 style="color: #ffffff;font-family: verdana;">Related Books</h2>  <ul style="color: #ffffff;">  <li><a href="book2.html">Related Book 1</a></li>  <li><a href="book3.html">Related Book 2</a></li>  </ul>  </div>  </main>  </body>  </html> |
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| 2. | **Output Screenshots :** |

**Results and Discussions :**

These changes resulted in a more visually appealing and user-friendly website that effectively utilized CSS to enhance both design and functionality.