**Lab # 12:**

**Lab Title:**

**“Introduction to CSS”**

**Lab Objectives:**

* Learn the basics of CSS
* Make webpages with the help of CSS and HTML

**Introduction:**

CSS (Cascading Style Sheets) is an essential component of web development that empowers you to style and design webpages created using HTML, CSS plays a pivotal role in defining the appearance and layout of web content. Its purpose is to separate the structure (HTML) of a webpage from its visual presentation (CSS), allowing for greater flexibility and control over the look and feel of a site.

The integration of HTML and CSS is very useful feature to build visually appealing and well-structured webpages by Creating styles for text, backgrounds, borders, margins, padding, and more.

With CSS, we have the ability to transform plain HTML content into beautifully designed and visually engaging websites.

**Task:**

Create a simple webpage using CSS and HTML

**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="web.css">  <title>Shahher Ul Haq</title>  </head>  <body>  <header>  <h1>Welcome to Ghazians</h1>    </header>    <nav>  <ul>  <li><a href="#">Home</a></li>  <li><a href="#">About</a></li>  <li><a href="#">Services</a></li>  <li><a href="#">Contact</a></li>  </ul>  </nav>  <main class="head">  <p>Ghazians</p>  </main>  <footer>  &copy; 2023 My Website  </footer>  </body>  </html> |

**CSS Code:**

|  |
| --- |
| body {  font-family: Arial, sans-serif;  margin: 0;  padding: 0;  box-sizing: border-box;  display: flex;  flex-direction: column;  min-height: 100vh; /\* Set minimum height to 100% of viewport height \*/  }  .head { margin-top: 180px;  }  header {  background-color: #b64d8e;  color: rgb(14, 23, 148);  text-align: center;  padding: 1em;  }  nav {  background-color: #d19898;  padding: 0.5em;  text-align: center;  }  ul {  list-style-type: none;  margin: 0;  padding: 0;  }  li {  display: inline;  margin-right: 20px;  }  a {  text-decoration: none;  color: rgb(77, 16, 16);  font-weight: bold;  }  main {  margin-top: 30%;  flex: 1;  width: 80%;  margin: 0 auto;  text-align: center;  background-color: beige;  }  footer {  background-color: #b64d8e;    text-align: center;  padding: 1em;  margin-top: auto;  color: rgb(134, 10, 10);  }  p{  font-size: 80px;  color: #0cb423;  } |

Output:

