Don Bosco Institute of Technology

Kurla (W), Mumbai 400 070

Internet Programming

Name: Parth Shikhare

Class: TE IT

Roll no.: 53

Date: 25/07/2025

Experiment no. 1
Title: Design a basic web page using HTML

Problem Definition:

Design a Basic Web page using HTML 5 tags Head, Body, Hyperlink, Formatting styles, Images and Table.

Pre-requisites:

Basic knowledge of HTML, CSS, and web design principles.

Theory:

HTML (HyperText Markup Language) is used to structure the content of web pages. CSS (Cascading Style Sheets) is used to style the visual presentation of the content. Together, they allow for creating well-structured and visually appealing websites. In this experiment, we design a student profile page with sections for personal details, achievements, and academic links. Flexbox or CSS Grid can be used to arrange the layout.

Procedure:

1. Create an HTML file and structure the page into sections: Header, Profile Information, Achievements, and Academics.
2. Use CSS to style each section, applying margins, paddings, colors, and font styles.
3. Add profile image and personal details in the profile section.
4. Add a bullet list of achievements.
5. Provide academic links for SE and TE.
6. Save the HTML and CSS files.
7. Test the webpage in a browser.

Program:

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8"/>

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

<title>DBIT</title>

<style>

*{box-sizing:border-box}body{font-family:"Segoe UI",Tahoma,Geneva,Verdana,sans-serif;margin:0;padding:0;background:linear-gradient(to bottom right,#e0f2fe,#f8fafc);color:#1f2937;line-height:1.6}header{background:linear-gradient(135deg,#1e3a8a,#2563eb);color:#fff;padding:2rem 1rem;text-align:center;box-shadow:0 4px 12px rgba(0,0,0,.15)}header h1{margin:0;font-size:3rem;letter-spacing:1.2px;animation:fadeIn 1.5s ease-in-out}.banner{background:#1e40af;color:#fff;padding:10px 0;text-align:center;font-weight:500;overflow:hidden;position:relative}.banner span{display:inline-block;white-space:nowrap;padding-left:100%;animation:slide 12s linear infinite}@keyframes slide{0%{transform:translateX(0)}100%{transform:translateX(-100%)}}main{padding:40px 20px;max-width:1200px;margin:auto}.intro-section{display:flex;flex-wrap:wrap;gap:30px;margin-bottom:50px;background:rgba(255,255,255,.85);border-radius:14px;box-shadow:0 8px 20px rgba(0,0,0,.1);padding:30px;backdrop-filter:blur(8px);animation:fadeInUp 1s ease-in-out}.image-container{flex:1 1 300px;max-width:300px}.image-container img{width:100%;border-radius:12px;box-shadow:0 6px 16px rgba(0,0,0,.2)}.info-text{flex:2 1 400px;display:flex;flex-direction:column;justify-content:center}.info-text h2{margin:0 0 10px;color:#1d4ed8;font-size:2.2rem}section{background:#fff;margin-bottom:40px;padding:30px;border-radius:14px;box-shadow:0 8px 20px rgba(0,0,0,.06);animation:fadeInUp 1s ease}section h2{color:#1e3a8a;border-bottom:2px solid #e2e8f0;padding-bottom:10px;margin-bottom:20px;font-size:1.8rem}ul{list-style:disc;margin-

left:20px;padding:0}ul li{margin-bottom:12px;font-size:1.05rem}a{color:#2563eb;font-weight:500;text-decoration:none;transition:color .2s ease}a:hover{color:#1e40af;text-decoration:underline}footer{background:#1f2937;color:#fff;text-align:center;padding:2rem 1rem;margin-top:40px;font-size:.95rem}footer p{margin:6px 0}footer a{color:#93c5fd;text-decoration:none;transition:color .2s ease}footer a:hover{color:#bfdbfe;text-decoration:underline}@media(max-width:768px){.intro-section{flex-direction:column;align-items:center;text-align:center}.image-container{max-width:100%}.info-text{text-align:center}}@media(max-width:480px){header h1{font-size:2.2rem}section{padding:20px}.info-text h2{font-size:1.7rem}}@keyframes fadeInUp{from{opacity:0;transform:translateY(20px)}to{opacity:1;transform:translateY(0)}}@keyframes fadeIn{from{opacity:0}to{opacity:1}}

</style>

</head>

<body>

<header><h1>Don Bosco Institute of Technology</h1></header>

<div class="banner">Department of Information Technology</div>

<main>

<section class="intro-section">

<div class="image-container"></div>

<div class="info-text"><h2>Parth Shikhare</h2><p>I am Parth Shikhare, currently pursuing a B.Tech degree at Don Bosco Institute of Technology in the Information Technology Department.</p></div>

</section>

<section class="achievements-section">

<h2>Achievements</h2>

Don Bosco Institute of Technology
Kurla (W), Mumbai 400 070

Awarded "Best Engineering College in Innovation" for three consecutive years.

Our students consistently secure top ranks in university examinations.

Numerous alumni hold leadership positions in renowned multinational corporations.

Successful completion of various research projects with industry partners.

Strong track record in inter-collegiate technical competitions.

</section>

<section class="academics-section">

<h2>Academics</h2>

SE

TE

</section>

</main>

<footer>

<p>Email: info@dbit.edu</p>

<p>LinkedIn: DBIT LinkedIn Page</p>
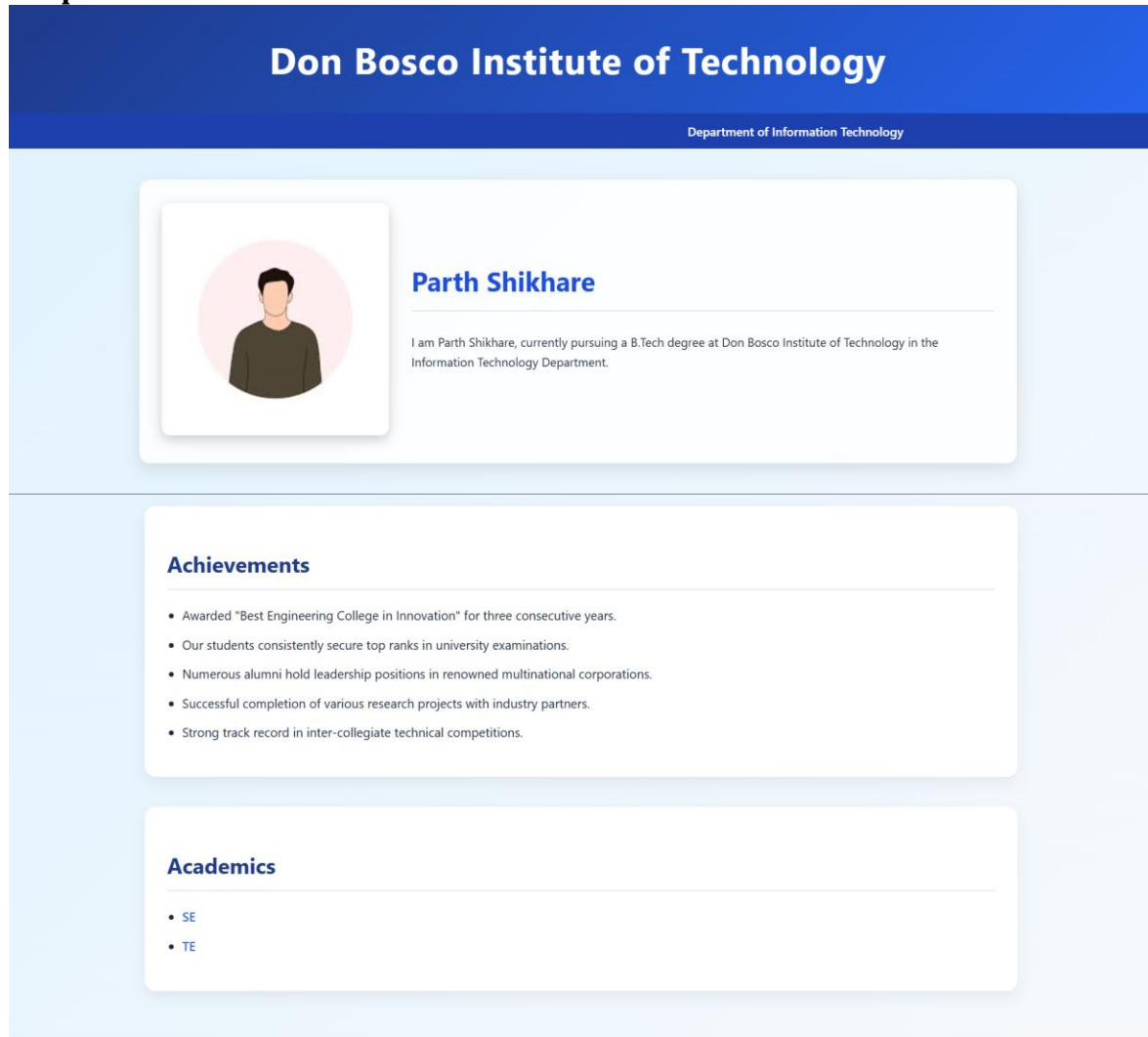
<p>Phone: +91 12345 67890</p>

<p>© 2025 DBIT. All rights reserved.</p>

</footer>

</body>

</html>

Output:

Results:

The student profile webpage was successfully created and displayed personal details, achievements, and academic links in a clean, organized format.

References:

1. https://www.w3schools.com/html/
2. MDN Web Docs (https://developer.mozilla.org/)