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**Vellore Institute of Technology**  
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CHENNAI

# **WEB PROGRAMMING LAB**

## **BCSE203E**

**SLOT: L11 + L12 + L19 + L20**

## **LAB MANUAL**

**Exercise 2**

**Date: 11-01-2025**

**Coffee Shop**

**Animation**

**Form**

**[using HTML and CSS]**

**SUBMITTED TO:**

**PROF. DR. ASHOKA RAJAN R**

**SUBMITTED BY:**

**DIVYANSHU PATEL**

**23BAI1214**

**School of Computer Science and Engineering**

Vellore Institute of Technology, Chennai

Chennai 600127, Tamil Nadu

## GITHUB REPO LINK:

[https://github.com/divyanshupatel17/23BAI1214\\_WEB\\_LAB](https://github.com/divyanshupatel17/23BAI1214_WEB_LAB)

## WEB PROG LAB PORTFOLIO:

<https://23bai1214-divyanshu-web-lab-portfolio.netlify.app/>

The screenshot shows a dashboard for a web programming lab. At the top, there's a header bar with the title "WEB PROGRAMMING LAB" and a toggle switch. Below it is a "Student Details" section with fields for Name (Divyanshu Patel), Roll No. (23BAI1214), Lab (Web Programming Lab), L11-L20 (L11 + L12 + L19 + L20), Instructor (PROF. DR. ASHOKA RAJAN R.), University (VIT University), and Email (divyanshu.patel2023@vitstudent.ae). Below this are three cards: "Total Exercises" (2), "Total Tasks" (0), and "Last Updated" (1/12/2025). The main area is titled "Exercises". It contains two sections: "Exercise 1" (Submitted: 1/10/2025) and "Exercise 2" (Submitted: 1/12/2025). Each section lists three tasks: 1. LEAVE LETTER, 2. TABLE LAYOUT, and 3. CHESS BOARD. Each task has a "Code" link (HTML, CSS, JS) and a "Demo" link.

## 1. COFFEE SHOP USING HTML AND CSS

<https://23bai1214-divyanshu-exercise-2-t-1.netlify.app/>

```
<!--
1. Coffee Shop -->

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>23BAI1214 Coffee Shop</title>
    <style>
        body {
```

```
font-family: 'Arial', sans-serif;
background-color: #f0f0f0;
margin: 0;
padding: 0;
color: #333;
}

header {
    background-color: #6f4f37;
    color: white;
    padding: 15px 0;
    text-align: center;
    font-size: 28px;
    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);
}

.container {
    display: flex;
    flex-wrap: wrap;
    justify-content: center;
    gap: 20px;
    padding: 20px;
}

.card {
    background-color: white;
    border-radius: 10px;
    margin: 15px;
    width: 220px;
    padding: 20px;
    box-shadow: 0 6px 15px rgba(0, 0, 0, 0.1);
    transform: scale(1);
    transition: transform 0.3s ease, box-shadow 0.3s ease;
}

.card:hover {
    transform: scale(1.05);
    box-shadow: 0 8px 20px rgba(0, 0, 0, 0.2);
}

.card img {
    width: 100%;
    border-radius: 10px;
    transition: opacity 0.3s ease;
}

.card img:hover {
    opacity: 0.9;
}

.card h3 {
    text-align: center;
    color: #6f4f37;
    font-size: 22px;
```

```
    margin-top: 10px;
}

.card p {
    text-align: center;
    color: #777;
    font-size: 18px;
}

.card .description {
    text-align: center;
    color: #555;
    font-size: 14px;
    margin-top: 10px;
    font-style: italic;
}

.card button {
    background-color: #6f4f37;
    color: white;
    padding: 10px;
    border: none;
    width: 100%;
    cursor: pointer;
    border-radius: 5px;
    font-size: 16px;
    margin-top: 10px;
    transition: background-color 0.3s ease;
}

.card button:hover {
    background-color: #5e4028;
}

.footer {
    background-color: #6f4f37;
    color: white;
    text-align: center;
    padding: 15px 0;
    margin-top: 40px;
}

.footer p {
    font-size: 16px;
}

.footer .name {
    font-weight: bold;
    font-size: 18px;
}

.footer .reg {
    font-size: 14px;
}
```

```
.footer .name, .footer .reg {
    margin-top: 5px;
}

</style>
</head>
<body>

<header>
    Welcome to the Latte Love Coffee Shop
</header>

<div class="container">
    <div class="card">
        
        <h3>Espresso</h3>
        <p>$3.00</p>
        <p class="description">Strong, bold, and rich in flavor. A true coffee lover's choice!</p>
        <button>Add to Cart</button>
    </div>

    <div class="card">
        
        <h3>Cappuccino</h3>
        <p>$4.00</p>
        <p class="description">Smooth and creamy with a perfect balance of coffee and milk froth.</p>
        <button>Add to Cart</button>
    </div>

    <div class="card">
        
        <h3>Latte</h3>
        <p>$4.50</p>
        <p class="description">A creamy and milky coffee experience, perfect for those who enjoy a gentle brew.</p>
        <button>Add to Cart</button>
    </div>

    <div class="card">
        
        <h3>Americano</h3>
        <p>$3.50</p>
        <p class="description">A rich and full-bodied coffee made with espresso and hot water.</p>
        <button>Add to Cart</button>
    </div>

    <div class="card">
        
        <h3>Mocha</h3>
        <p>$4.75</p>
    </div>

```

```

<p class="description">A sweet and indulgent treat made with espresso, chocolate, and steamed milk.</p>
    <button>Add to Cart</button>
</div>

<div class="card">
    
    <h3>Macchiato</h3>
    <p>$3.25</p>
    <p class="description">Espresso with a small amount of steamed milk, creating a delightful contrast of strong and smooth.</p>
    <button>Add to Cart</button>
</div>
</div>

<div class="footer">
    <p class="name">Divyanshu Patel</p>
    <p class="reg">23BAI1214</p>
</div>

</body>
</html>

```

Welcome to the Latte Love Coffee Shop



**Espresso**

\$3.00

*Strong, bold, and rich in flavor. A true coffee lover's choice!*

**Add to Cart**



**Cappuccino**

\$4.00

*Smooth and creamy with a perfect balance of coffee and milk froth.*

**Add to Cart**



**Latte**

\$4.50

*A creamy and milky coffee experience, perfect for those who enjoy a gentle brew.*

**Add to Cart**



**Americano**

\$3.50

*A rich and full-bodied coffee made with espresso and hot water.*

**Add to Cart**



**Mocha**

\$4.75

*A sweet and indulgent treat made with espresso, chocolate, and steamed milk.*

**Add to Cart**



**Macchiato**

\$3.25

*Espresso with a small amount of steamed milk, creating a delightful contrast of strong and smooth.*

**Add to Cart**

Divyanshu Patel

23BAI1214

## QUE 2. Animation

<https://23bai1214-divyanshu-exercise-2-t-2.netlify.app/>

```
<!-- 2. Animation -->

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>23BAI1214 Web Programming Lab - Exercise 2</title>
<style>
body{font-family:'Arial', sans-serif;background:linear-gradient(45deg,#fdd0d0,#f1d6d6);margin:0;padding:20px;min-height:100vh;overflow-x:hidden}
.container{max-width:1200px;margin:auto}
@keyframes float{0%,100%{transform:translateY(0)}50%{transform:translateY(-15px)}}
@keyframes wave{0%,100%{transform:translateY(0)}25%{transform:translateY(-15px)}50%{transform:translateY(0)}75%{transform:translateY(15px)}}
.wave-text{display:inline-block}
.wave-text span{display:inline-block;animation:wave 2s infinite}
@keyframes spotlight{0%,100%{background-position:-200% center}50%{background-position:200% center}}
.spotlight-text{background:linear-gradient(90deg,#000,fff,#000);background-size:200% auto;color:#000;background-clip:text;-webkit-background-clip:text;animation:spotlight 3s linear infinite;font-size:24px;font-weight:bold;margin:20px 0}
.image-gallery{display:flex;justify-content:space-around;flex-wrap:wrap;gap:30px;margin:40px 0}
.image-container{position:relative;width:200px;height:200px;overflow:hidden;border-radius:10px;box-shadow:0 5px 15px rgba(0,0,0,0.3)}
.img-1{animation:moveLeft 3s infinite}
.img-2{animation:moveUpDown 2s infinite}
.img-3{animation:rotate 4s infinite}
.img-4{animation:pulse 3s infinite}
.animated-image{width:100%;height:100%;object-fit:cover}
.header{text-align:center;padding:20px;margin-bottom:30px}
.rainbow-text{background-image:linear-gradient(90deg,ff0000,ff7f00,ffff00,#00ff00,#0000ff,#4b0082,#8f00ff);background-size:200% auto;color:#000;background-clip:text;-webkit-background-clip:text;-webkit-text-fill-color:transparent;animation:rainbow 5s linear infinite;font-size:36px;font-weight:bold}
@keyframes rainbow{to{background-position:200% center}}
.student-info{font-size:24px;margin:20px 0}
.blink{animation:blink 1s infinite}
@keyframes bLink{0%{opacity:1}50%{opacity:0}100%{opacity:1}}
</style>
</head>
<body>
<div class="container">
    <div class="header">
```

```
<marquee behavior="alternate" scrollamount="10" direction="right">
    <h1 class="rainbow-text">WEB PROGRAMMING LAB</h1>
</marquee>

<marquee behavior="slide" direction="down" scrollamount="5">
    <div class="wave-text">EXERCISE 2</div>
</marquee>
</div>

<marquee behavior="alternate" scrollamount="3" direction="up" height="100">
    <div class="student-info">
        <span class="blink">Divyanshu Patel</span>
    </div>
</marquee>

<marquee behavior="scroll" scrollamount="4" direction="left">
    <span class="spotlight-text">23BAI1214</span>
</marquee>

<div class="image-gallery">
    <div class="image-container">
        <marquee behavior="alternate" direction="right">
            
        </marquee>
    </div>
    <div class="image-container">
        <marquee behavior="scroll" direction="up" height="200">
            
        </marquee>
    </div>
    <div class="image-container">
        <marquee behavior="alternate" direction="down" height="200">
            
        </marquee>
    </div>
    <div class="image-container">
        <marquee behavior="slide" direction="left">
            
        </marquee>
    </div>
</div>

<marquee behavior="alternate" direction="right" scrollamount="5">
    <span style="color:red;font-size:24px">★ HTML ★</span>
</marquee>

<marquee behavior="scroll" direction="left" scrollamount="8">
    <span style="color:blue;font-size:24px">⚡ CSS ⚡</span>
</marquee>

<marquee behavior="alternate" direction="up" height="50" scrollamount="3">
    <span style="color:green;font-size:24px">★ Animation ★</span>
</marquee>
```

```
<table width="100%" border="1">
    <tr>
        <td align="center">
            <marquee behavior="alternate" direction="right">
                <span style="color:purple">Web Programming</span>
            </marquee>
        </td>
        <td align="center">
            <marquee behavior="alternate" direction="left">
                <span style="color:orange">Laboratory</span>
            </marquee>
        </td>
    </tr>
</table>

<div style="margin:20px 0">
    <marquee behavior="scroll" direction="left" scrollamount="2">
        <span style="letter-spacing:5px">DIVYANSHU PATEL - 23BAT1214</span>
    </marquee>
    <marquee behavior="scroll" direction="right" scrollamount="2">
        <span style="letter-spacing:5px">WEB PROGRAMMING LAB - EXERCISE 2</span>
    </marquee>
</div>

<div style="text-align:center">
    <marquee behavior="alternate" width="200" direction="right">
        <span style="font-size:20px">></span>
    </marquee>
    <marquee behavior="alternate" width="200" direction="left">
        <span style="font-size:20px"><></span>
    </marquee>
</div>
</div>
</body>
</html>
```

New Tab 23BAI1214 Coffee Shop 23BAI1214 Web Programming +

File C:/Users/divya/OneDrive/Desktop/SEM%204/WEB\_PROGRAMMING\_LAB/EXERCISE-02/Task-02/index2.html ☆ 🔍 🌐 🌐 🌐 🌐 🌐 🌐 🌐 🌐 🌐

All Bookmarks

# WEB PROGRAMMING LAB

EXERCISE 2

Divyanshu Patel

23BAI1214

★ HTML ★

⚡ CSS ⚡

★ Animation ★

Web Programming	Laboratory
-----------------	------------

EXERCISE 2

DIVYANSU

New Tab 23BAI1214 Coffee Shop 23BAI1214 Web Programming +

File C:/Users/divya/OneDrive/Desktop/SEM%204/WEB\_PROGRAMMING\_LAB/EXERCISE-02/Task-02/index2.html ☆ 🔍 🌐 🌐 🌐 🌐 🌐 🌐 🌐 🌐 🌐

All Bookmarks

# WEB PROGRAMMING LAB

EXERCISE 2

Divyanshu Patel

23BAI1214

★ HTML ★

⚡

★ Animation ★

Web Programming	Laboratory
-----------------	------------

DIVYANSHU PATEL - 23BAI1214

WEB PROGRAMMING LAB - EXERCISE 2

→ ←

## QUE 3. Job Registration Form

<https://23bai1214-divyanshu-exercise-2-t-3.netlify.app/>

```
}



# 


```

```
width: 100%;  
padding: 12px;  
border: 2px solid var(--border-color);  
border-radius: 8px;  
font-size: 16px;  
box-sizing: border-box;  
}  
  
input:focus,  
select:focus,  
textarea:focus {  
    border-color: var(--secondary-color);  
    outline: none;  
    box-shadow: 0 0 5px rgba(52, 152, 219, 0.3);  
}  
  
.radio-group,  
.checkbox-group {  
    display: flex;  
    gap: 20px;  
    flex-wrap: wrap;  
    padding: 10px 0;  
}  
  
.radio-group label,  
.checkbox-group label {  
    display: inline-flex;  
    align-items: center;  
    gap: 5px;  
    font-weight: normal;  
}  
  
.range-group {  
    display: flex;  
    align-items: center;  
    gap: 15px;  
}  
  
.range-value {  
    min-width: 60px;  
    text-align: center;  
    font-weight: bold;  
}  
  
.submit-btn {  
    background-color: var(--secondary-color);  
    color: white;  
    padding: 15px 30px;  
    border: none;  
    border-radius: 8px;  
    cursor: pointer;  
    font-size: 18px;  
    font-weight: bold;  
    width: 100%;
```

```
        transition: background-color 0.3s ease;
    }

.submit-btn:hover {
    background-color: #2980b9;
}

.file-input-container {
    position: relative;
    overflow: hidden;
    display: inline-block;
}

.file-input-label {
    background-color: var(--secondary-color);
    color: white;
    padding: 10px 20px;
    border-radius: 5px;
    cursor: pointer;
    display: inline-block;
}

input[type="file"] {
    position: absolute;
    left: 0;
    top: 0;
    opacity: 0;
    cursor: pointer;
}

progress {
    width: 100%;
    height: 20px;
    border-radius: 10px;
}

.footer {
    text-align: center;
    margin-top: 30px;
    padding-top: 20px;
    border-top: 2px solid var(--border-color);
    color: var(--primary-color);
}

</style>
</head>
<body>
    <div class="container">
        <h1>Job Registration Form</h1>
        <div class="creator-info">
            <p>Created by: DIVYANSHU PATEL</p>
            <p>Registration Number: 23BAI1214</p>
        </div>

        <form action="#" method="post">
```

```
<!-- Personal Information Section -->
<div class="section">
    <h2>Personal Information</h2>
    <div class="form-row">
        <div class="form-group">
            <label for="name">Full Name:</label>
            <input type="text" id="name" name="name" required
placeholder="Enter your full name">
        </div>
        <div class="form-group">
            <label for="email">Email Address:</label>
            <input type="email" id="email" name="email" required
placeholder="your.email@example.com">
        </div>
    </div>

    <div class="form-row">
        <div class="form-group">
            <label for="phone">Phone Number:</label>
            <input type="tel" id="phone" name="phone" pattern="[0-9]{10}"
placeholder="1234567890">
        </div>
        <div class="form-group">
            <label for="password">Password:</label>
            <input type="password" id="password" name="password" required>
        </div>
    </div>

    <div class="form-group">
        <label>Gender:</label>
        <div class="radio-group">
            <label><input type="radio" name="gender" value="male">
Male</label>
            <label><input type="radio" name="gender" value="female">
Female</label>
            <label><input type="radio" name="gender" value="other">
Other</label>
        </div>
    </div>

    <div class="form-row">
        <div class="form-group">
            <label for="dob">Date of Birth:</label>
            <input type="date" id="dob" name="dob" required>
        </div>
        <div class="form-group">
            <label for="preferred-time">Preferred Contact Time:</label>
            <input type="time" id="preferred-time" name="preferred-time">
        </div>
    </div>
</div>

<!-- Professional Information Section -->
<div class="section">
```

```
<h2>Professional Information</h2>
<div class="form-row">
    <div class="form-group">
        <label for="education">Highest Education:</label>
        <select id="education" name="education">
            <option value="">Select Education Level</option>
            <option value="high-school">High School</option>
            <option value="bachelors">Bachelor's Degree</option>
            <option value="masters">Master's Degree</option>
            <option value="phd">Ph.D.</option>
        </select>
    </div>
    <div class="form-group">
        <label for="experience">Years of Experience:</label>
        <input type="number" id="experience" name="experience" min="0"
max="50">
    </div>
</div>

<div class="form-group">
    <label for="salary">Expected Salary Range:</label>
    <div class="range-group">
        <input type="range" id="salary" name="salary" min="20000"
max="200000" step="5000" value="50000">
        <span class="range-value">50000</span>
    </div>
</div>

<div class="form-group">
    <label>Skills:</label>
    <div class="checkbox-group">
        <label><input type="checkbox" name="skills[]" value="html">
HTML</label>
        <label><input type="checkbox" name="skills[]" value="css">
CSS</label>
        <label><input type="checkbox" name="skills[]" value="javascript">
JavaScript</label>
        <label><input type="checkbox" name="skills[]" value="python">
Python</label>
        <label><input type="checkbox" name="skills[]" value="java">
Java</label>
    </div>
</div>
</div>

<!-- Additional Details Section -->
<div class="section">
    <h2>Additional Details</h2>
    <div class="form-row">
        <div class="form-group">
            <label for="website">Portfolio Website:</label>
            <input type="url" id="website" name="website"
placeholder="https://your-website.com">
        </div>
    </div>
</div>
```

```

        <div class="form-group">
            <label for="linkedin">LinkedIn Profile:</label>
            <input type="url" id="linkedin" name="linkedin"
placeholder="https://linkedin.com/in/your-profile">
        </div>
    </div>

    <div class="form-group">
        <label for="bio">Brief Bio:</label>
        <textarea id="bio" name="bio" rows="4" placeholder="Tell us about
yourself..."></textarea>
    </div>

    <div class="form-group">
        <label for="resume">Upload Resume:</label>
        <div class="file-input-container">
            <label class="file-input-label">Choose File
            <input type="file" id="resume" name="resume"
accept=".pdf,.doc,.docx">
        </label>
    </div>
</div>

    <div class="form-group">
        <label for="profile-completion">Profile Completion:</label>
        <progress id="profile-completion" value="70" max="100"></progress>
    </div>

    <div class="form-group">
        <label>Preferences:</label>
        <div class="checkbox-group">
            <label><input type="checkbox" name="preferences[]" value="remote">
Remote Work</label>
            <label><input type="checkbox" name="preferences[]" value="travel">
Willing to Travel</label>
            <label><input type="checkbox" name="preferences[]" value="relocation">
Open to Relocation</label>
        </div>
    </div>
</div>

        <button type="submit" class="submit-btn">Submit Application</button>
    </form>

    <div class="footer">
        <p>© 2025 WEB PROGRAMMING LAB EXERCISE 2</p>
        <p>Contact us at: <a href="mailto:itzdivyanshupatel@gmailcom">itzdivyanshupatel@gmailcom</a></p>
    </div>
</div>

<script>
    document.getElementById('salary').addEventListener('input', function(e) {
        document.querySelector('.range-value').textContent = e.target.value;

```

```
});  
</script>  
</body>  
</html>
```

23BAI1214 Registration Form

File C:/Users/divya/... Verify that it's you

Gmail YouTube Maps Translate vit All Bookmarks

## Job Registration Form

Created by: DIVYANSHU PATEL  
Registration Number: 23BAI1214

### Personal Information

Full Name:  Email Address:

Phone Number:  Password:

Gender:  Male  Female  Other

Date of Birth:  Preferred Contact Time:

### Professional Information

Highest Education:  Years of Experience:

Expected Salary Range:

Skills:  HTML  CSS  JavaScript  Python  Java

### Additional Details

Portfolio Website:  LinkedIn Profile:

Brief Bio:

Upload Resume:

Profile Completion:

Preferences:  Remote Work  Willing to Travel  Open to Relocation

**Submit Application**

© 2025 WEB PROGRAMMING LAB EXERCISE 2  
Contact us at: [itzdivyanshpatel@gmail.com](mailto:itzdivyanshpatel@gmail.com)