WEB-BASED INTERFACE DESIGN

(CSF3133)

NAME: ELSA FADLIN BINTI MERSING

MATRIC NO: S75412

DATE: 29/10/2025

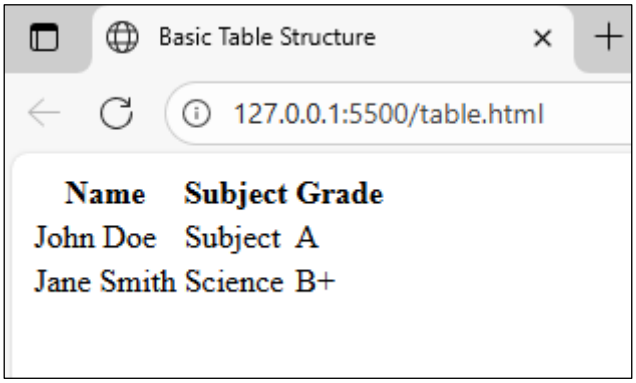
GROUP: K4

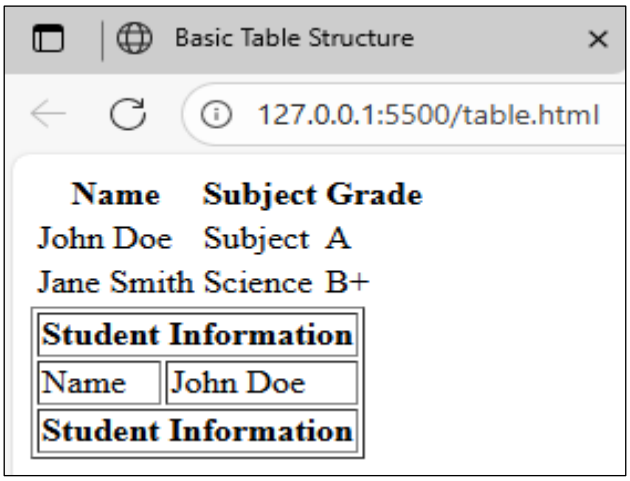
PROGRAM: COMPUTER SCIENCE (SOFTWARE ENGINEERING)

2.1 Objectives

1. Creating and formatting tables in HTML
2. Building interactive forms with various input types
3. Utilizing semantic HTML tags to improve the structure of your web pages

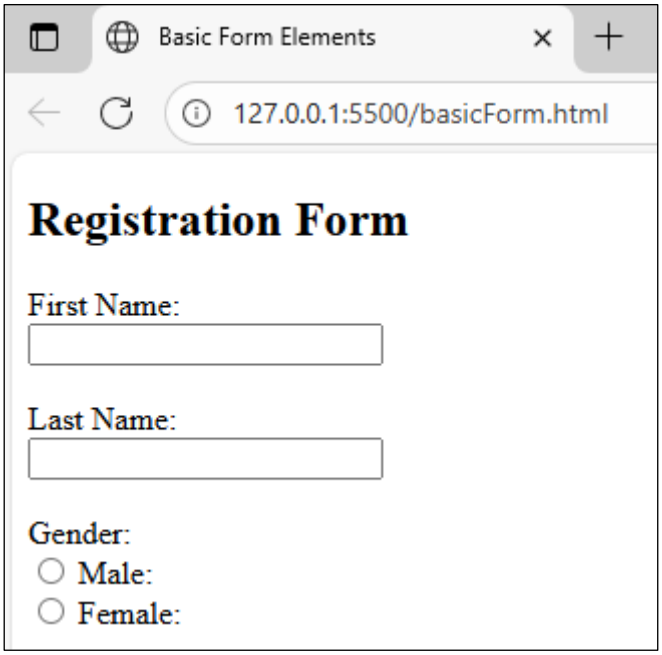
2.3 Working with Tables





2.4 Creating Forms

2.4.1 Basic Forms Elements



2.4.2 Other Form Elements

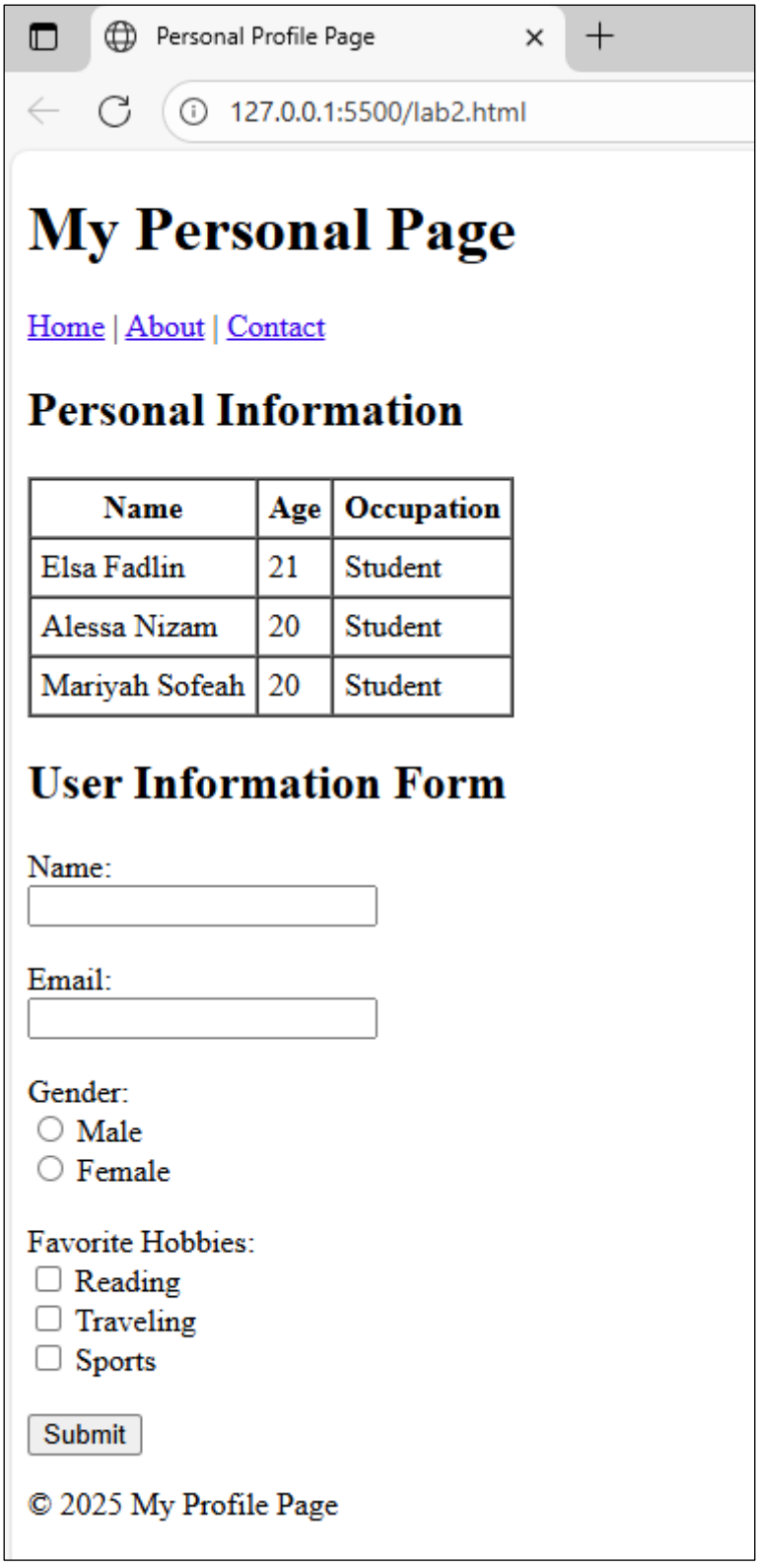
2.5 Semantic HTML

2.5.1 Common Semantic Tags

2.6 Lab Exercise 2

2.6.1 Building a Personal Profile Page

Output



Source Code

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Personal Profile Page</title>
</head>
<body>

    <header>
        <h1>My Personal Page</h1>
    </header>

    <nav>
        <a href="#">Home</a> |
        <a href="#">About</a> |
        <a href="#">Contact</a>
    </nav>

    <section>
        <article>
            <h2>Personal Information</h2>
            <table border="1" cellpadding="5" cellspacing="0">
                <tr>
                    <th>Name</th>
                    <th>Age</th>
                    <th>Occupation</th>
                </tr>
                <tr>
                    <td>Elsa Fadlin</td>
                    <td>21</td>
                    <td>Student</td>
                </tr>
                <tr>
                    <td>Alessa Nizam</td>
                    <td>20</td>
                    <td>Student</td>
                </tr>
                <tr>
                    <td>Mariyah Sofeah</td>
                    <td>20</td>
                    <td>Student</td>
                </tr>
            </table>
            <h2>User Information Form</h2>
            <form>
                <label for="name">Name:</label><br>
                <input type="text" id="name" name="name"><br><br>

                <label for="email">Email:</label><br>
                <input type="email" id="email" name="email"><br><br>

                <label>Gender:</label><br>
                <input type="radio" id="male" name="gender" value="male">
                <label for="male">Male</label><br>
                <input type="radio" id="female" name="gender" value="female">
                <label for="female">Female</label><br><br>

                <label>Favorite Hobbies:</label><br>
                <input type="checkbox" id="reading" name="hobby" value="Reading">
                <label for="reading">Reading</label><br>
                <input type="checkbox" id="traveling" name="hobby" value="Traveling">
                <label for="traveling">Traveling</label><br>
                <input type="checkbox" id="sports" name="hobby" value="Sports">
                <label for="sports">Sports</label><br><br>

                <input type="submit" value="Submit">
            </form>
        </article>
    </section>

    <footer>
        <p>&copy; 2025 My Profile Page</p>
    </footer>

</body>
</html>
```