WEB-BASED INTERFACE DESIGN

(CSF3133)

Lab Report 2

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Date : 29/10/2025

Group : K4

Programme : Computer Science (Software Engineering)

2.3 Working with Tables

1. Basic Table Structure :

Name	Subject	Grade
John Doe	Mathematics	A
Jane Smith	Science	B+

2. Attributes in Tables :

Student Information	
Name	John Doe
Mathematics A+	

2.4 Creating Forms

2.4.1 Basic Form Elements

1. Form with text fields, radio buttons, and submit button :

Registration Form

First Name:
[   ]

Last Name:
[   ]

Gender:
○ Male
○ Female

[Submit]

2.4.2 Other Form Elements

1. Checkboxes and Dropdowns :

Select your hobbies:
☐ Reading
☐ Gaming

Choose a country: USA ⌄

USA
Canada
UK

Submit

2.5 Semantic HTML

2.5.1 Common Semantic Tags

Welcome to My Web Page

Home | About | Contact
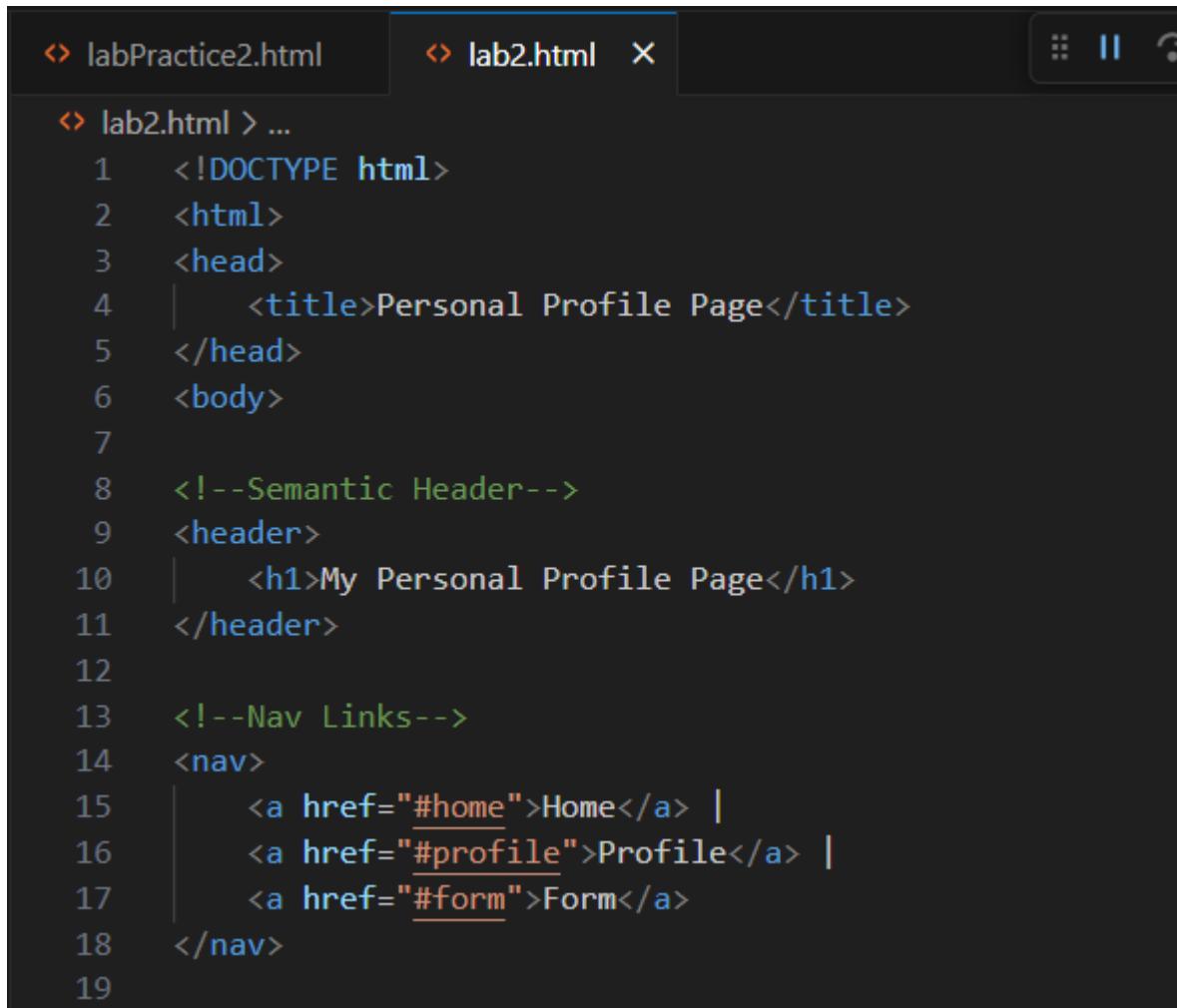
Article Title

This is an article about web development.

Copyright © 2024 My Web Page

Lab Exercise 2

Code :

```html
<!DOCTYPE html>
<html>
<head>
    <title>Personal Profile Page</title>
</head>
<body>

<!--Semantic Header-->
<header>
    <h1>My Personal Profile Page</h1>
</header>

<!--Nav Links-->
<nav>
    <a href="#home">Home</a> |
    <a href="#profile">Profile</a> |
    <a href="#form">Form</a>
</nav>
```

```html
20    <!--Section : Personal Information-->
21    <section id="profile">
22        <h2>Personal Information</h2>
23
24        <!--Table Creation-->
25        <table border="1">
26            <tr>
27                <th>Name</th>
28                <th>Age</th>
29                <th>Occupation</th>
30            </tr>
31            <tr>
32                <td>Siti Zulaikha</td>
33                <td>21</td>
34                <td>Student</td>
35            </tr>
36            <tr>
37                <td>Nur Mas Qasrina</td>
38                <td>23</td>
39                <td>Student</td>
40            </tr>
41            <tr>
42                <td>Nor Ain Natasya</td>
43                <td>20</td>
44                <td>Student</td>
45            </tr>
46        </table>
47    </section>
48
49    <br>
50
```
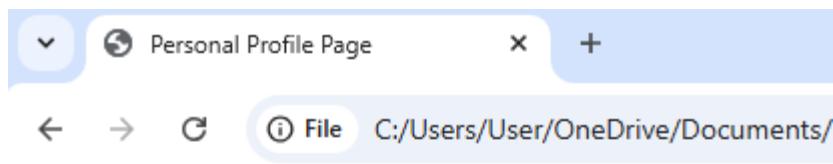
```html
<!--Section : Form-->
<section id="form">
    <h2>User Information Form</h2>

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

        <label for="name">Full Name:</label><br>
        <input type="text" id="name" name="fullname"><br><br>

        <label for="email">Email:</label><br>
        <input type="text" 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="travel" name="hobby" value="Traveling">
        <label for="travel">Traveling</label><br>
        <input type="checkbox" id="music" name="hobby" value="Music">
        <label for="music">Listening to Music</label><br><br>

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


<!-- Semantic Article -->
<article>
    <h2>Profile Article</h2>
    <p>This is an article about profile page.</p>
</article>

<!-- Semantic Footer -->
<footer>
    <p>Copyright &copy; 2025 My Personal Profile Page</p>
</footer>

</body>
</html>
```

Output :

My Personal Profile Page

Home | Profile | Form

Personal Information

Name	Age	Occupation
Siti Zulaikha	21	Student
Nur Mas Qasrina	23	Student
Nor Ain Natasya	20	Student

User Information Form

Full Name:

Email:

Gender:
○ Male
○ Female

Favorite Hobbies:
☐ Reading
☐ Traveling
☐ Listening to Music

Submit

Profile Article

This is an article about profile page.

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