



Web-Based Interface Design

(CSF 3133)

LAB REPORT 2

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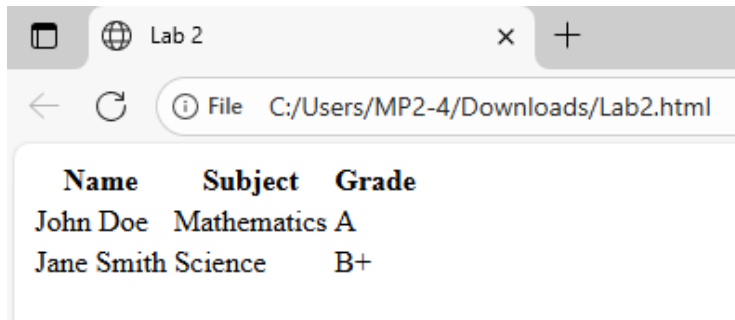
DATE: 29 October 2025

GROUP: K4

PROGRAMME: COMPUTER SCIENCE (SOFTWARE ENGINEERING)

2.3 Working with Tables

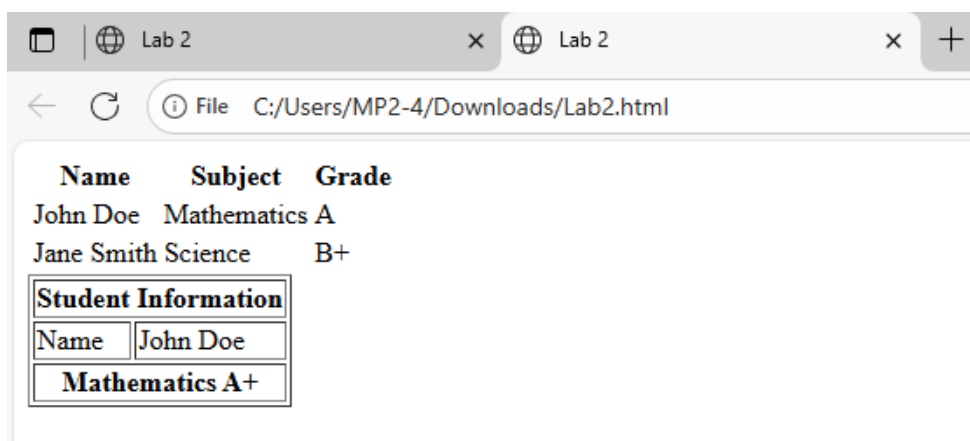
1. Basic table structure



A screenshot of a web browser window. The address bar shows the file path C:/Users/MP2-4/Downloads/Lab2.html. The page content displays a table with three columns: Name, Subject, and Grade. The table contains two rows of data: John Doe in Mathematics with a grade of A, and Jane Smith in Science with a grade of B+.

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

2. Attributes in table



A screenshot of a web browser window showing a table and a form. The table has columns Name, Subject, and Grade, with data for John Doe (Mathematics, A) and Jane Smith (Science, B+). Below the table is a form titled 'Student Information' with input fields for Name (containing 'John Doe') and a subject/grade field (containing 'Mathematics A+').

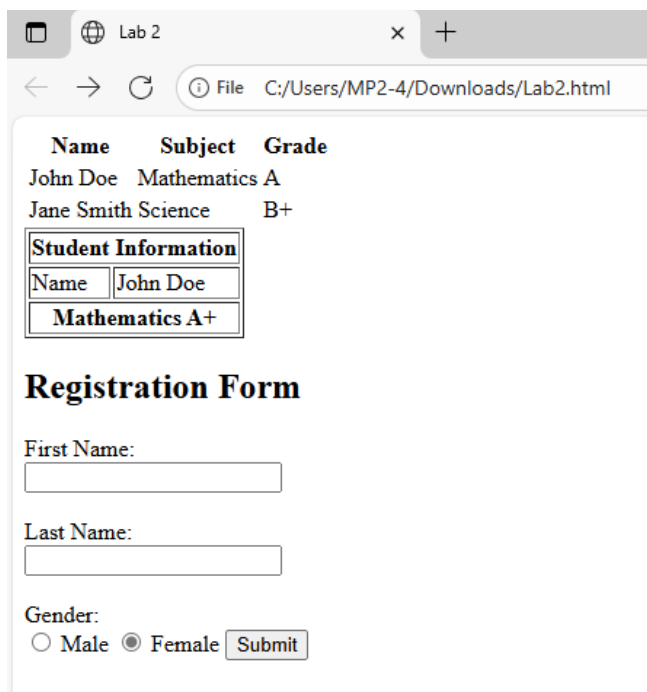
| Name | Subject | Grade |
|------------|-------------|-------|
| John Doe | Mathematics | A |
| Jane Smith | Science | B+ |

Student Information

| | |
|----------------|----------|
| Name | John Doe |
| Mathematics A+ | |

2.4 Creating Forms

2.4.1 Basic form elements



A screenshot of a web browser window showing a registration form. The form includes input fields for First Name and Last Name, radio buttons for Gender (Male and Female), and a Submit button. The table from the previous section is also visible above the form.

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

Student Information

| | |
|----------------|----------|
| Name | John Doe |
| Mathematics A+ | |

Registration Form

First Name:

Last Name:

Gender: ☐ Male ☒ Female

2.4.2 Other Form Element

Lab 2

Lab 2

+

File C:/Users/MP2-4/Downloads/Lab2.html

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

Student Information

Name

John Doe

Mathematics A+

Registration Form

First Name:

Last Name:

Gender: ☐ Male ☐ Female

Select your hobbies:

☐ Reading

☐ Gaming

Choose a country:

2.5 Semantic HTML

2.5.1 Common Semantic Tags

Lab 2

Lab 2

Lab 2

+

File C:/Users/MP2-4/Downloads/Lab2.html

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

Student Information

Name

John Doe

Mathematics A+

Registration Form

First Name:

Last Name:

Gender: ☐ Male ☐ Female

Select your hobbies:

☐ Reading

☐ Gaming

Choose a country:

Welcome to My Web Page

[Home](#) | [About](#) | [Contact](#)

Article Title

This is an article about the web development.

Copyright © 2024 My Web Page

2.6 Lab Exercise 2

2.6.1 Building a Personal Profile Page

```
Lab2Task1.html lab2.html X
C: > Users > MP2-4 > Downloads > lab2.html > html
1  <!DOCTYPE html>
2  <html lang="en">
3      <head>
4          <meta charset = "UTF-8">
5          <meta name = "viewport" content="width=device-width, initial-scale = 1.0">
6          <title>Personal Profile Page</title>
7      </head>
8
9      <body>
10         <header>
11             <h1>Personal Profile Page</h1>
12         </header>
13         <nav>
14             <a href="#home">Home</a> | <a href="#about">About</a> |
15             <a href="#contact">Contact</a>
16         </nav>
17         <section>
18             <article>
19                 <h2>Short Introduction</h2>
20                 <p>Hello! My name is Wong Cai Yi, a 20-year-old student from Malaysia.
21                 I'm passionate about learning new things, especially in technology and web development.
22                 In my free time, I enjoy exploring creative projects and expanding my skills.</p>
23             </article>
24         </section>
25         <table border="1" cellpadding="20" cellspacing="0">
26             <tr>
27                 <th colspan = "4">My Personal Information</th>
28             </tr>
29             <tr>
30                 <td>Name</td>
31                 <td>Age</td>
32                 <td>Occupation</td>
33                 <td>Nationality</td>
34             </tr>
35             <tr>
36                 <td>Wong Cai Yi</td>
37                 <td>20</td>
38                 <td>Student</td>
39                 <td>Malaysia</td>
40             </tr>
41         </table><br>
42         <form action="submit_form.php" method = "post">
43             <label for="name">Name: </label><br>
44             <input type="text" name="name" id="name"><br><br>
45
46             <label for="email">Email: </label><br>
47             <input type="text" name="email" id="email"><br><br>
48
49             <label for="gender">Gender: </label><br>
50             <input type="radio" id="male" name="gender" value = "male">
51             <label for="male">Male</label>
52             <input type="radio" id="female" name="gender" value = "female">
53             <label for="female">Female</label><br><br>
54
55             <label for="hobby">Favourite Hobbies: </label><br>
56             <input type="checkbox" id="hobby1" name="hobby1" value="Reading">
57             <label for="hobby1">Reading</label><br>
58             <input type="checkbox" id="hobby2" name="hobby2" value="Gaming">
59             <label for="hobby2">Gaming</label><br>
60             <input type="checkbox" id="hobby3" name="hobby3" value="Listen to song">
61             <label for="hobby3">Listen to song</label><br>
62             <input type="checkbox" id="hobby4" name="hobby4" value="Play online games">
63             <label for="hobby4">Play online games</label><br>
64
65             <input type="submit" value="Submit">
66         </form>
67         <footer>
68             <p><i>Copyright &copy; 2024 My Personal Profile Page </i></p>
69         </footer>
70     </body>
71 </html>
```

Personal Profile Page

[Home](#) | [About](#) | [Contact](#)

Short Introduction

Hello! My name is Wong Cai Yi, a 20-year-old student from Malaysia. I'm passionate about learning new things, especially in technology and web development. In my free time, I enjoy exploring creative projects and expanding my skills.

| My Personal Information | | | |
|-------------------------|-----|------------|-------------|
| Name | Age | Occupation | Nationality |
| Wong Cai Yi | 20 | Student | Malaysia |

Name:

Email:

Gender:
☐ Male ☐ Female

Favourite Hobbies:

- ☐ Reading
- ☐ Gaming
- ☐ Listen to song
- ☐ Play online games