CSF3133

WEB-BASED INTERFACE DESIGN

LAB REPORT 2

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GROUP	K4
DATE	29TH OCTOBER 2025
PROGRAMME	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 Pre-requisite

1. Creating a table with rows and columns

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

2. Adding more features to table by using attributes:
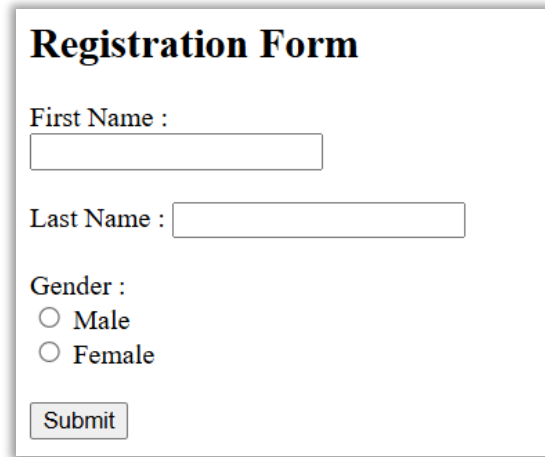
    `border` : adding a border to table

    `colspan` and `rowspan` : merging columns or rows

Student Information	
Name	John Doe
Mathematics	

2.4 Creating Forms

2.4.1 Basic Form Elements

1. Creating a form with text fields, radio buttons, and a submit button.

Registration Form

First Name :
[   ]

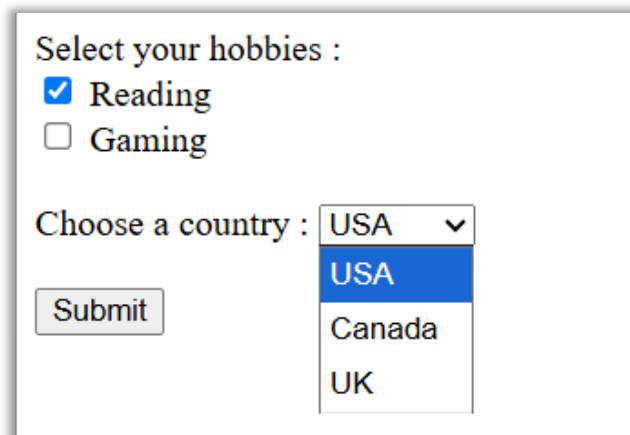Last Name : [   ]

Gender :
○ Male
○ Female

[Submit]

2.4.2 Other Form Elements

1. Including other types of inputs like checkboxes and dropdowns

Select your hobbies :
☑ Reading
☐ Gaming

Choose a country : [USA   ⌄]
USA
Canada
UK

[Submit]

2.5 Semantic HTML

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

```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</title>
7
8       <body>
9           <header>
10              <h1>My Personal Profile Page</h1>
11              <p>Let know me!</p>
12          </header>
13
14          <nav>
15              <a href="#profile-info">Profile Info</a> | <a href="#contact-form">Contact Form</a>
16          </nav>
17
18          <h2>Profile Info</h2>
19          <table border="1">
20              <tr>
21                  <th colspan="3">Profile Info</th>
22              </tr>
23              <tr>
24                  <td>Name</td>
25                  <td>Age</td>
26                  <td>Birthday date</td>
27              </tr>
28              <tr>
29                  <td>Nor Ain Natasya</td>
30                  <td>20 years old</td>
31                  <td>18/7/2005</td>
32              </tr>
33              <tr>
34                  <td>Jeon Wonwoo</td>
35                  <td>29 years old</td>
36                  <td>17/7/1996</td>
```

```html
37                    </tr>
38              </table>

39
40              <h2>Contact Form</h2>
41              <form action="/submit-form" method="post">

42
43                  <label for="name">Name:</label>
44                  <input type="text" id="name" name="user_name" required>
45                  <br><br>

46
47                  <label for="email">Email:</label>
48                  <input type="email" id="email" name="user_email" required>
49                  <br><br>

50
51                  <input type="radio" id="male" name="gender" value="male" required>
52                  <label for="male">Male</label><br>

53
54                  <input type="radio" id="female" name="gender" value="female">
55                  <label for="female">Female</label><br>

56
57                  <input type="radio" id="other" name="gender" value="other">
58                  <label for="other">Other</label>
59                  <br>

60
61                  <h2>Favourite Hobbies</h2>
62                  <input type="checkbox" id="reading" name="hobby" value="reading">
63                  <label for="reading">Reading</label><br>

64
65                  <input type="checkbox" id="hiking" name="hobby" value="hiking">
66                  <label for="hiking">Singing</label><br>

67
68                  <input type="checkbox" id="coding" name="hobby" value="coding">
69                  <label for="coding">Cooking</label> <br><br>

70
71                  <input type="submit" value="Submit">
72          </form>
73      </head>
74  </html>
```

Output:

File C:/Users/ASUS/Documents/DEGREE/SEM%203/WEB%20DESIG

My Personal Profile Page

Let know me!

Profile Info | Contact Form

Profile Info

Profile Info		
Name	Age	Birthday date
Nor Ain Natasya	20 years old	18/7/2005
Jeon Wonwoo	29 years old	17/7/1996

Contact Form

Name: [_____]

Email: [_____]

○ Male
○ Female
○ Other

Favourite Hobbies

☐ Reading
☐ Singing
☐ Cooking

[Submit]