



LAB MODULE 2 CSF3133 – Web-based Interface Design

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.

2.3 Working with Tables

1. Basic Table Structure

Output:

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

2. Attributes in Tables

Output:

Student Information	
Name	John Doe
Mathematics A+	

2.4 Creating Forms

2.4.1 Basic Form Elements

Output:

Registration Form	
First Name:	<input type="text"/>
Last Name:	<input type="text"/>
Gender:	
<input type="radio"/> Male	
<input type="radio"/> Female	
<input type="button" value="Submit"/>	

2.4.2 Other Form Elements

Output:

Select your hobbies:

☐ Reading

☐ Gaming

Choose a country:

2.5 Semantic HTML

2.5.1 Common Semantic Tags

Output:

Welcome to My Web Page

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

Article Title

This is an article about web development.

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2.6 Lab Exercise 2

Source Code:

```
lab2.html X labmodule2.html
lab2.html > html > body > nav
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      <!-- Sets the title on browser tab -->
7      <title>Personal Profile Page</title>
8    </head>
9    <body>
10     <!-- This is header -->
11     <header>
12       <h1>Welcome to My Webpage</h1>
13     </header>
14     <!-- This is navigation -->
15     <nav>
16       <a href="About.html">About</a> |
17       <a href="Contact.html">Contact</a>
18     </nav>
19
20     <br>
21     <h2>Question 1:</h2>
22     <!-- This is a section that contain table -->
23     <section>
24       <table border="1">
25         <tr>
26           <th colspan="6">My Friends' Information</th>
27         </tr>
28         <tr>
29           <th>Name</th>
30           <th>Age</th>
31           <th>Gender</th>
32           <th>Occupation</th>
33           <th>Nationality</th>
34           <th>Status</th>
35         </tr>
36         <tr>
37           <td>Safirul Hassan</td>
38           <td>29</td>
39           <td rowspan="4">Male</td>
40           <td>Streamer</td>
41           <td>Nigerian</td>
42           <td rowspan="2">Missing</td>
```

```

43     </tr>
44     <tr>
45         <td>Radilan Yaakub</td>
46         <td>41</td>
47         <td>Professional Surfer</td>
48         <td>Canadian</td>
49     </tr>
50     <tr>
51         <td>Iqbal Haikal</td>
52         <td>28</td>
53         <td>F1 Driver</td>
54         <td>Dutch</td>
55         <td>Alive</td>
56     </tr>
57     <tr>
58         <td>Adry Aqmawi</td>
59         <td>67</td>
60         <td>Firefighter</td>
61         <td>Australian</td>
62         <td>Dead</td>
63     </tr>
64 </table>
65 </section>
66
67 <h2>Question 2:</h2>
68 <!-- This is an article that contain form -->
69 <article>
70     <h2>Tell me about yourself:</h2>
71     <form action="submit_form.php" method="post">
72         <label for="name">Name:</label><br>
73         <input type="text" id="name" name="name" required><br><br>
74
75         <label for="email">Email:</label><br>
76         <input type="email" id="email" name="email" required><br><br>
77
78         <label for="gender">Gender:</label><br>
79
80         <input type="radio" id="male" name="gender" value="male">
81         <label for="male">Male</label>
82         <input type="radio" id="female" name="gender" value="female">
83         <label for="female">Female</label><br><br>
84
85         <label for="hobby">Favorite Hobbies:</label><br>
86         <input type="checkbox" id="reading" name="hobby" value="Reading">
87         <label for="reading">Reading</label>
88         <input type="checkbox" id="gaming" name="hobby" value="Gaming">
89         <label for="gaming">Gaming</label>
90         <input type="checkbox" id="exercising" name="hobby" value="Exercising">
91         <label for="exercising">Exercising</label>
92         <input type="checkbox" id="knitting" name="hobby" value="Knitting">
93         <label for="knitting">Knitting</label><br><br>
94         <input type="submit" value="Submit">
95     </form>
96 </article>
97
98 <!-- This is footer -->
99 <footer>
100     <p>&copy; 2025 My Webpage || Wan Ariff</p>
101 </footer>
102 </body>
</html>

```

Output:

Personal Profile Page

127.0.0.1:5500/lab2.html

MyNemo:Portal Ras...Dashboard | e-Pem...Inbo

Welcome to My Webpage

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

Question 1:

My Friends' Information					
Name	Age	Gender	Occupation	Nationality	Status
Safirul Hassan	29	Male	Streamer	Nigerian	Missing
Radilan Yaakub	41		Professional Surfer	Canadian	
Iqbal Haikal	28		F1 Driver	Dutch	Alive
Adry Aqmawi	67		Firefighter	Australian	Dead

Question 2:

Tell me about yourself:

Name:

Email:

Gender:

☐ Male ☐ Female

Favorite Hobbies:

☐ Reading ☐ Gaming ☐ Exercising ☐ Knitting

Submit

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