



FACULTY OF COMPUTER SCIENCE AND MATHEMATICS

WEB-BASED INTERFACE DESIGN

CSF3133

SEMESTER 1 SESSION 2025/2026

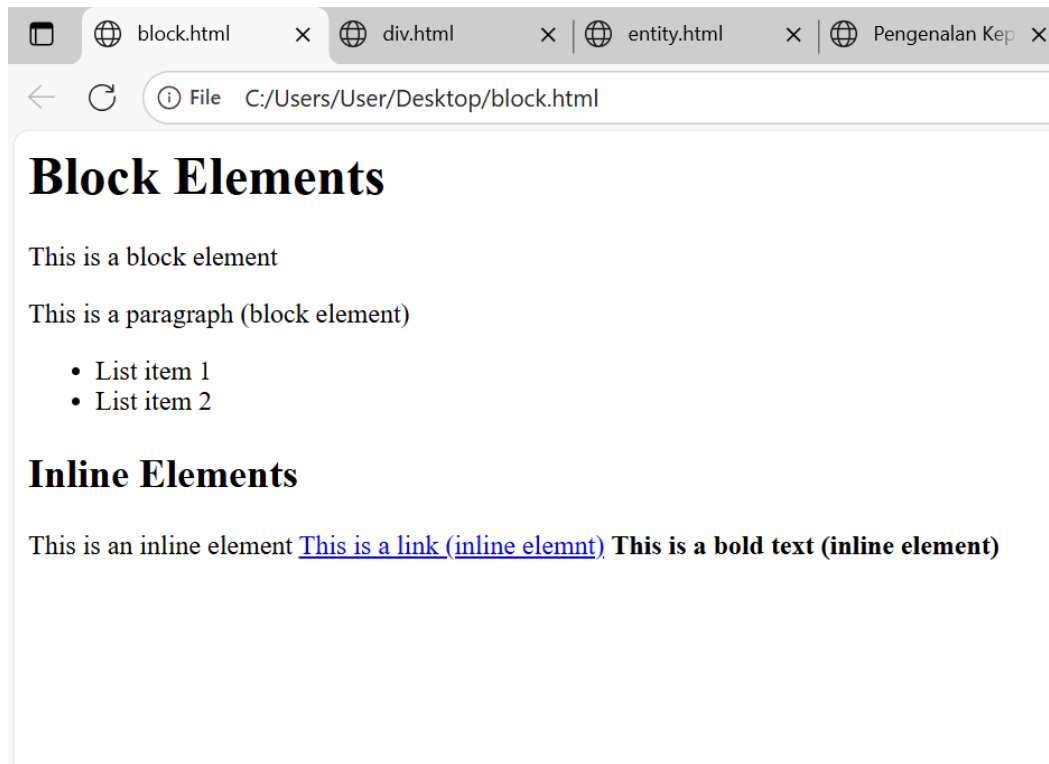
**BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINEERING) WITH
HONOURS**

LAB MODULE 3

NAME	NO. MATRIC
NUR ALIYA FARHANI BINTI MOHD NASRI	S75663

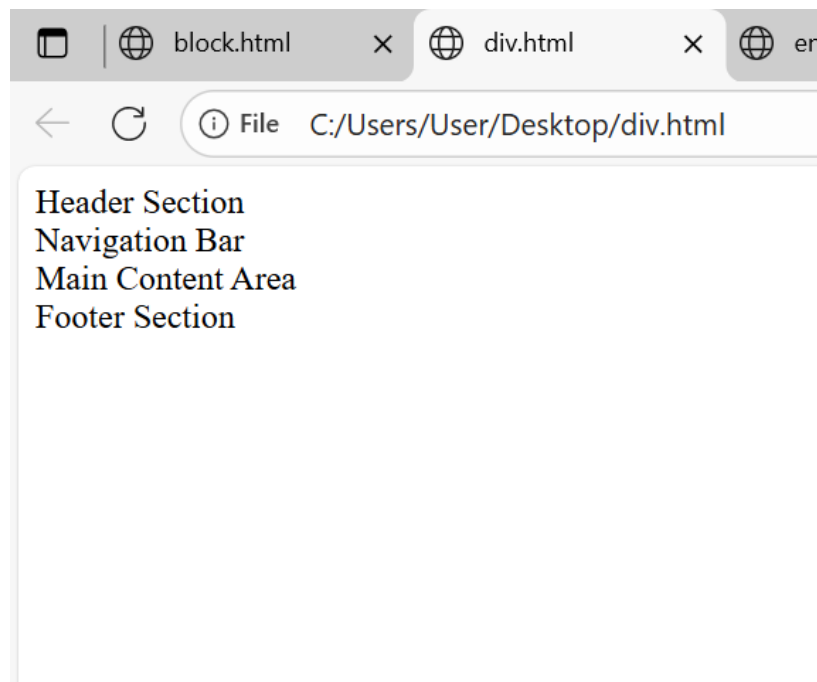
3.2 Block and Inline Elements

Output:



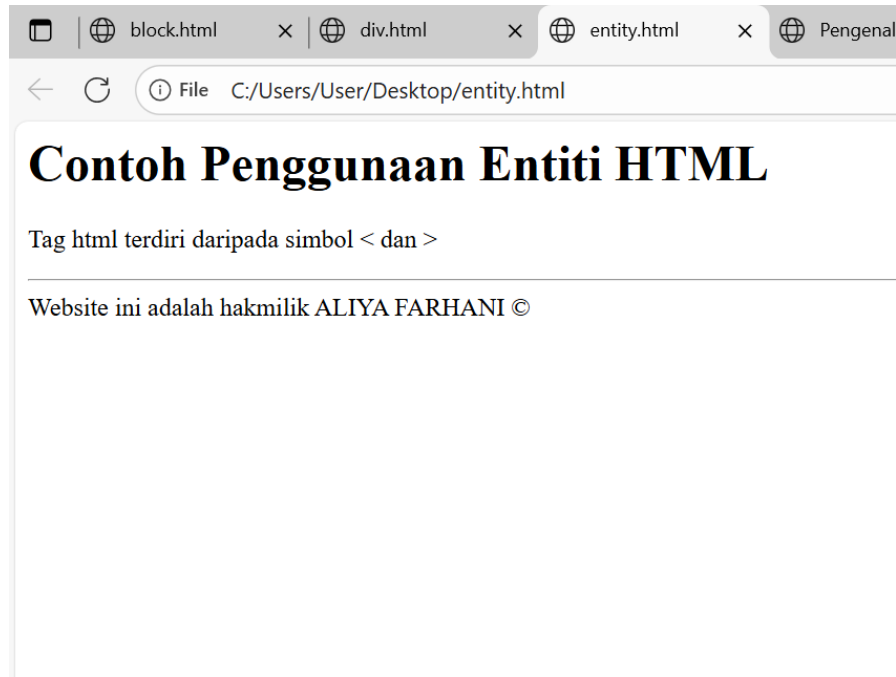
3.3 Using <div> to Organize Content

Output:



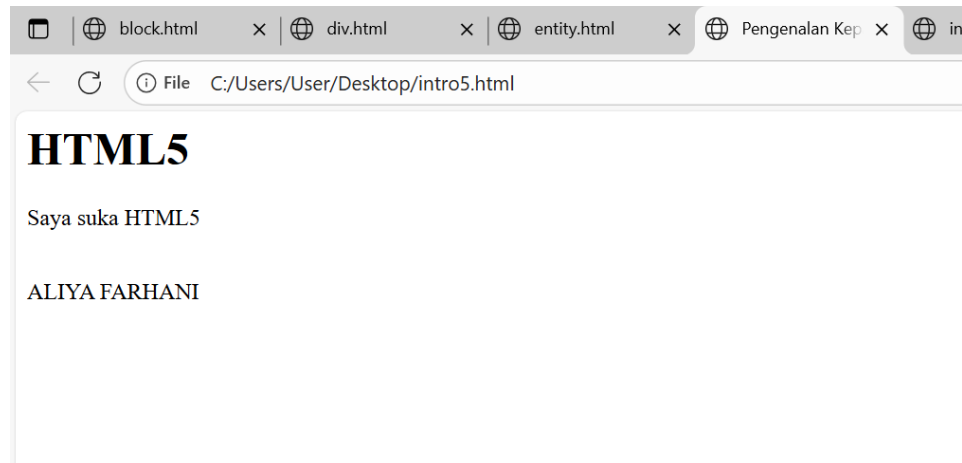
3.4 Understanding HTML Entities

Output:



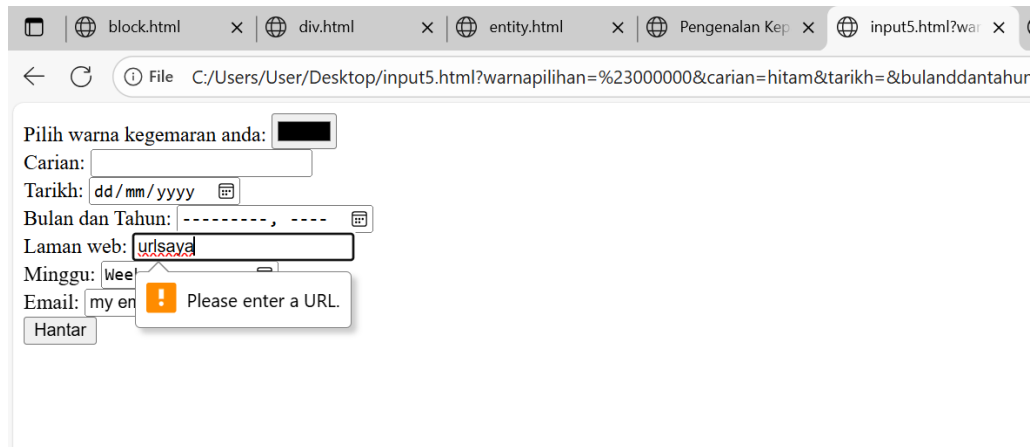
3.5 Hypertext Mark Up Language 5 (HTML5)

Output:



3.6.1 Input Element in HTML5

Output:

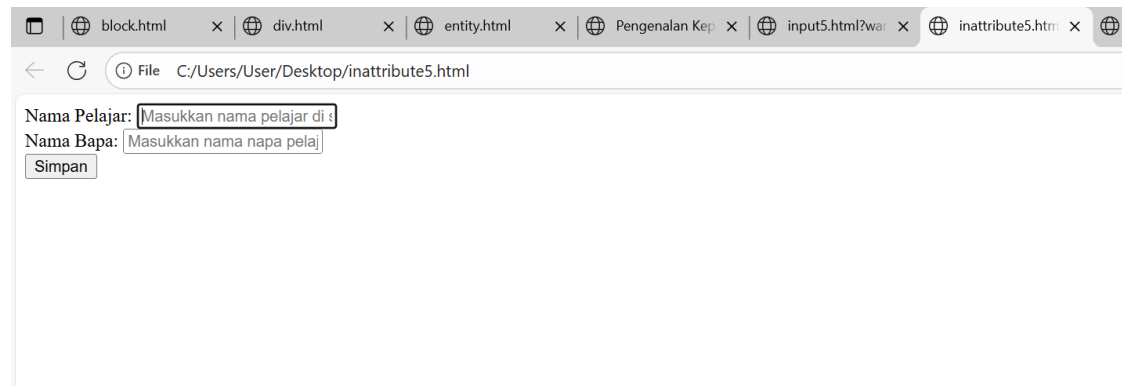


The screenshot shows a web browser window with several tabs. The active tab is titled 'input5.html?warnapilihan=%23000000&carian=hitam&tarikh=&bulanddantahur'. The address bar shows the file path 'C:/Users/User/Desktop/input5.html?warnapilihan=%23000000&carian=hitam&tarikh=&bulanddantahur'. The form contains the following elements:

- Pilih warna kegemaran anda:
- Carian:
- Tarikh:
- Bulan dan Tahun:
- Laman web: - Minggu:
- Email:
- A 'Hantar' button.
- A validation message: 'Please enter a URL.' with an orange exclamation mark icon.

3.6.2 Attributes for Input HTML5

Output:

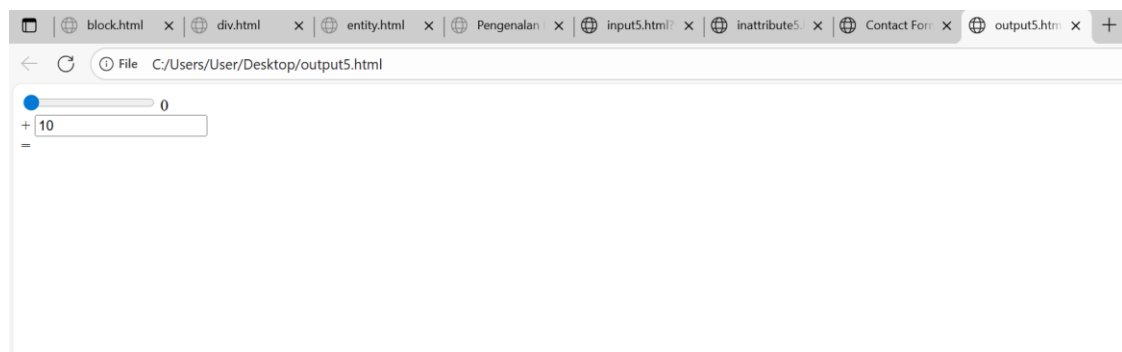


The screenshot shows a web browser window with several tabs. The active tab is titled 'inattribute5.html'. The address bar shows the file path 'C:/Users/User/Desktop/inattribute5.html'. The form contains the following elements:

- Nama Pelajar:
- Nama Bapa:
- A 'Simpan' button.

3.6.3 HTML5 <output> element

Output:



The screenshot shows a web browser window with several tabs. The active tab is titled 'output5.html'. The address bar shows the file path 'C:/Users/User/Desktop/output5.html'. The form contains the following elements:

- A range input:
- A text input:
- A '-' button.

3.7 Lab Exercise 3

Source Code:

```
CAUsers\User\Desktop\lab3.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
lab2.html block.html div.html entity.html intro5.html input5.html inattribute5.html output5.html lab3.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>Contact Form and Calculator</title>
7 </head>
8 <body>
9
10 <!-- Header Section -->
11 <div bgcolor="lightblue" align="center">
12 <table width="100%" bgcolor="lightblue">
13 <tr>
14 <td>
15 <h1>My Contact Page <span>- Feedback & Tools</span></h1>
16 <p>Welcome to my simple webpage. Feel free to contact me or use the mini calculator below!</p>
17 </td>
18 </tr>
19 </table>
20 </div>
21
22 <hr>
23
24 <!-- Content Section -->
25 <div>
26 <h2>Contact Form</h2>
27 <form>
28 <label for="email">Email Address:</label><br>
29 <input type="email" id="email" name="email" placeholder="Enter your email"><br><br>
30
31 <label for="date">Preferred Contact Date:</label><br>
32 <input type="date" id="date" name="date"><br><br>
33
34 <label for="satisfaction">Satisfaction Level (0 - 10):</label><br>
35 <input type="range" id="satisfaction" name="satisfaction" min="0" max="10"><br><br>
36
37 <label for="message">Your Message:</label><br>
38 <textarea id="message" name="message" rows="4" cols="40" placeholder="Type your message here..."><br><br>
39
40 <input type="submit" value="Send Message">
41 </form>
42 </div>
43
Hyper Text Markup Language file length: 2,598 lines: 80 Ln: 76 Col: 71 Pos: 2,563 Windows (CR LF) UTF-8 INS
12:35 PM 5/11/2025
```

```
CAUsers\User\Desktop\lab3.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
lab2.html block.html div.html entity.html intro5.html input5.html inattribute5.html output5.html lab3.html
40 </input type="submit" value="Send Message">
41 </form>
42 </div>
43
44 <hr>
45
46 <!-- Inline Calculator Section -->
47 <div>
48 <h2>Inline Calculator</h2>
49 <p>Enter two numbers below to calculate their sum:</p>
50
51 <label>First number:</label>
52 <input type="number" id="num1" value="0">
53 <label>Second number:</label>
54 <input type="number" id="num2" value="0"> =
55 <output id="sum">0</output>
56
57 <script>
58 const num1 = document.getElementById("num1");
59 const num2 = document.getElementById("num2");
60 const sum = document.getElementById("sum");
61
62 function calculateSum() {
63 sum.value = Number(num1.value) + Number(num2.value);
64 }
65
66 num1.addEventListener("input", calculateSum);
67 num2.addEventListener("input", calculateSum);
68 </script>
69 </div>
70
71 <hr>
72
73 <!-- Footer Section -->
74 <div bgcolor="lightgray" align="center">
75 <p>Contact us at: aliyafarhani@info.com</p>
76 <p>©copy; 2025 Aliya Simple Contact Page. All Rights Reserved.</p>
77 </div>
78
79 </body>
80 </html>
Hyper Text Markup Language file length: 2,598 lines: 80 Ln: 76 Col: 71 Pos: 2,563 Windows (CR LF) UTF-8
12:35 PM 5/11/2025
```

Output:

block.html x div.html x entity.html x Pengenal x input5.html x inattribute5 x output5.htm x Contact Form x

File C:/Users/User/Desktop/lab3.html

My Contact Page - Feedback & Tools

Welcome to my simple webpage. Feel free to contact me or use the mini calculator below!

Contact Form

Email Address:

Preferred Contact Date:

Satisfaction Level (0 - 10):

Your Message:

Inline Calculator

Enter two numbers below to calculate their sum:

First number: Second number: = 0

Contact us at: aliyafarhani@info.com

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ENG US 12:36 PM 5/11/2025

