



Web-Based Interface Design

(CSF 3133)

LAB REPORT 3

NAME: WONG CAI YI

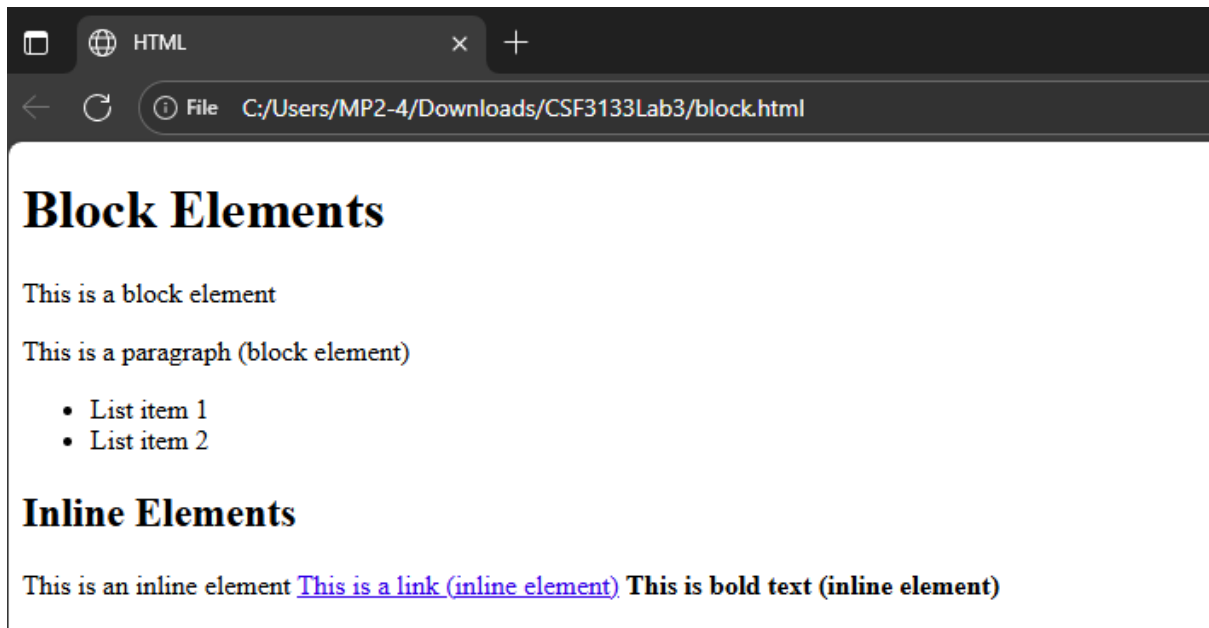
MATRIC NO: S76084

DATE: 05 November 2025

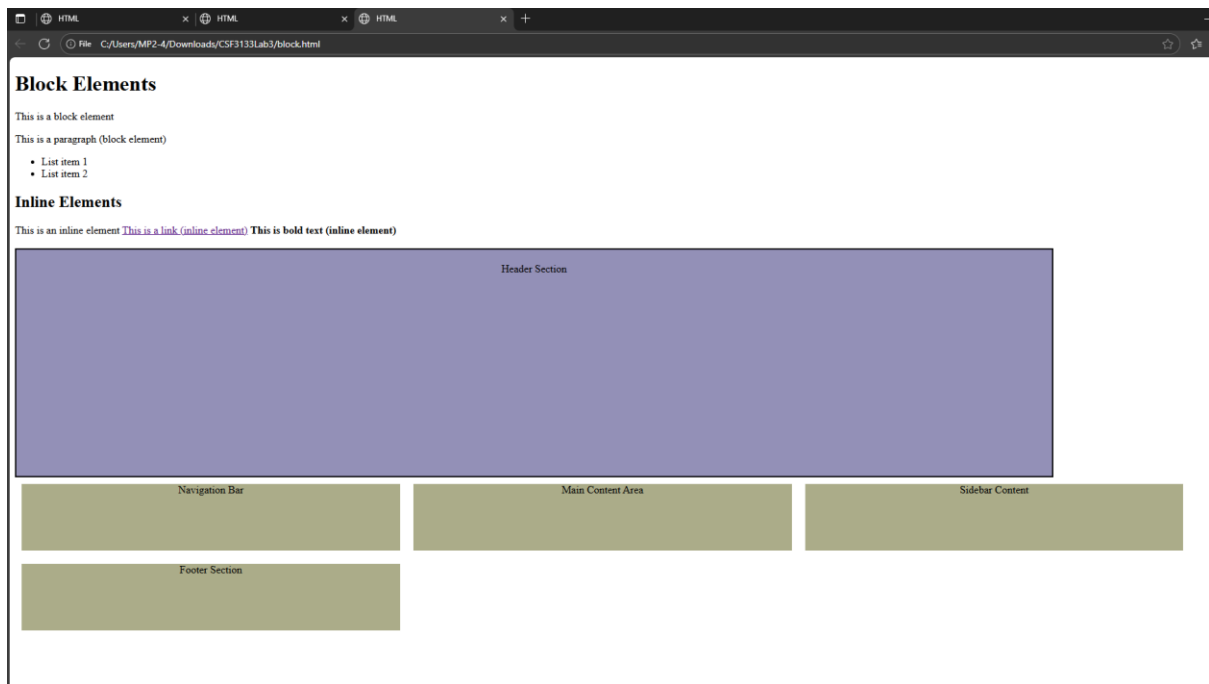
GROUP: K4

PROGRAMME: COMPUTER SCIENCE (SOFTWARE ENGINEERING)

3.2 Block and Inline Elements



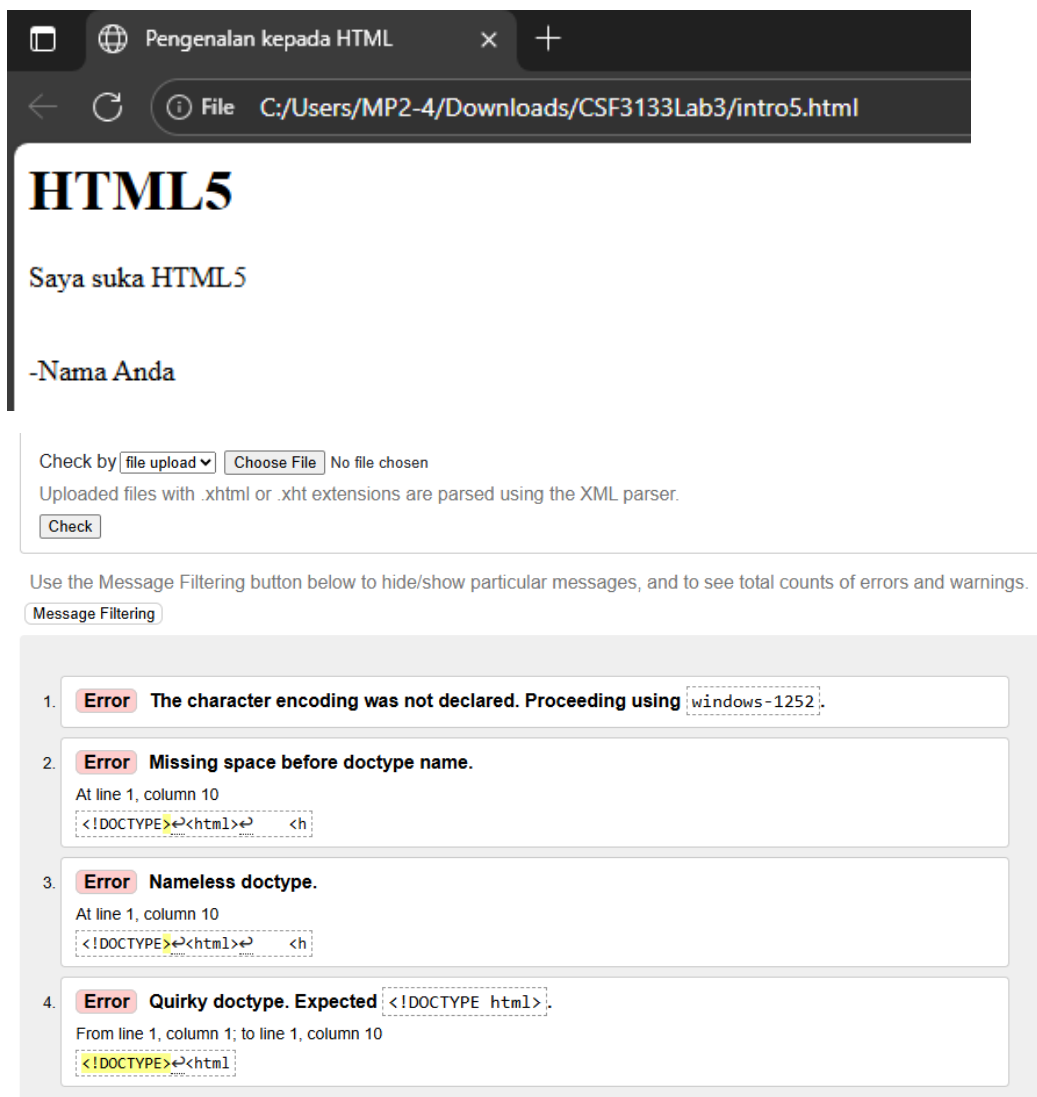
3.3 Using <div> to Organize Content

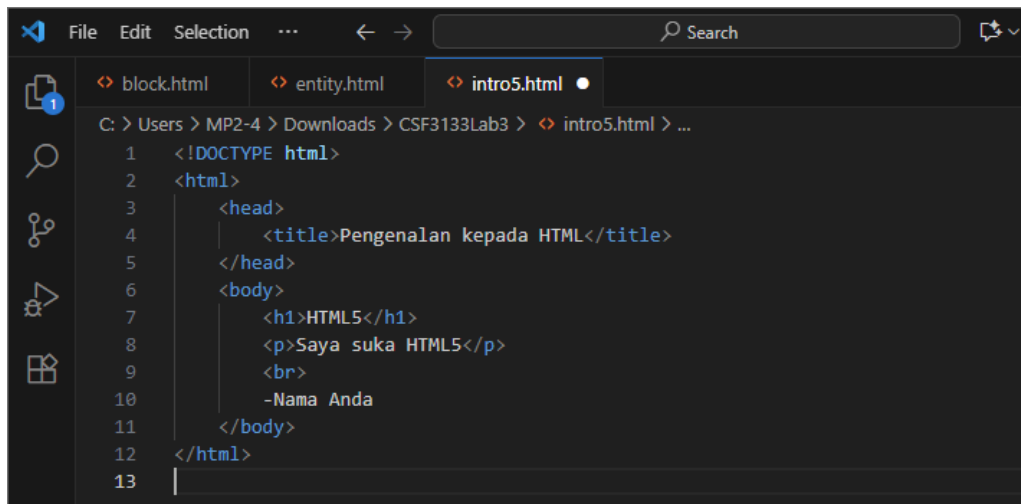


3.4 Understanding HTML Entities



3.5 Hypertext Mark Up Language 5 (HTML5)

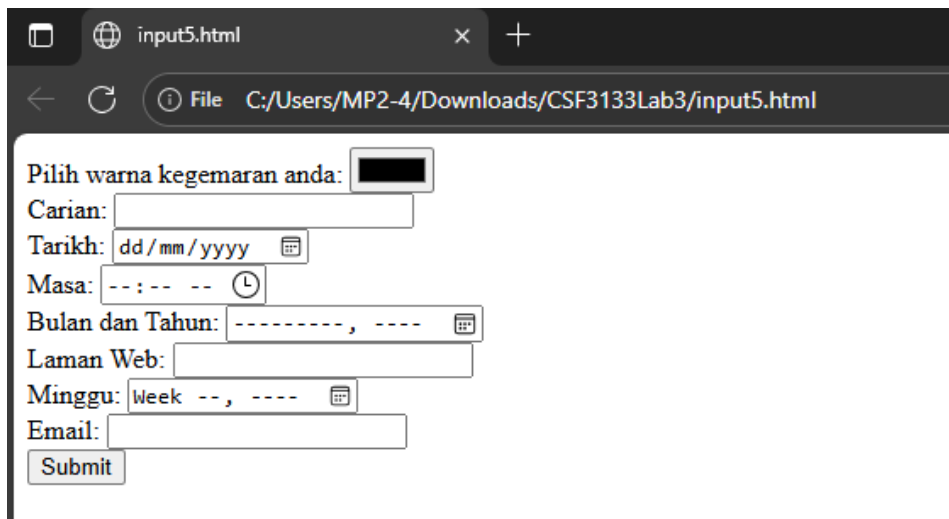




```
File Edit Selection ... ← → Search
block.html entity.html intro5.html
C: > Users > MP2-4 > Downloads > CSF3133Lab3 > intro5.html > ...
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Pengenalalan kepada HTML</title>
5   </head>
6   <body>
7     <h1>HTML5</h1>
8     <p>Saya suka HTML5</p>
9     <br>
10    -Nama Anda
11  </body>
12 </html>
13
```

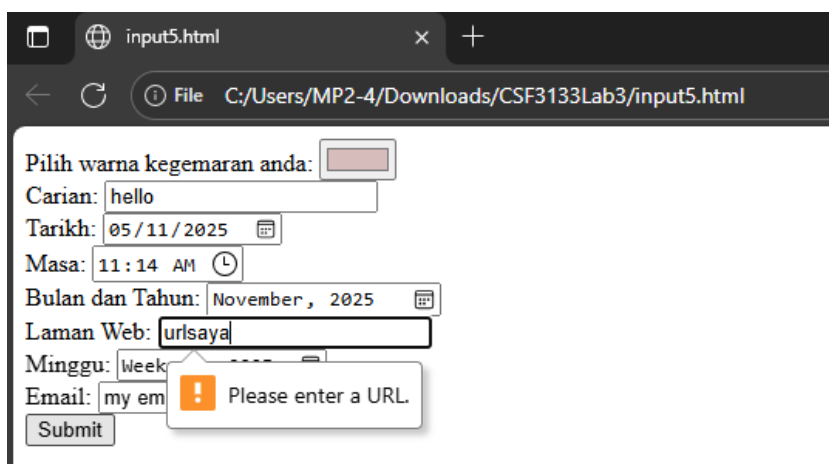
3.6 Form elements in HTML5

3.6.1 Input Elements in HTML5



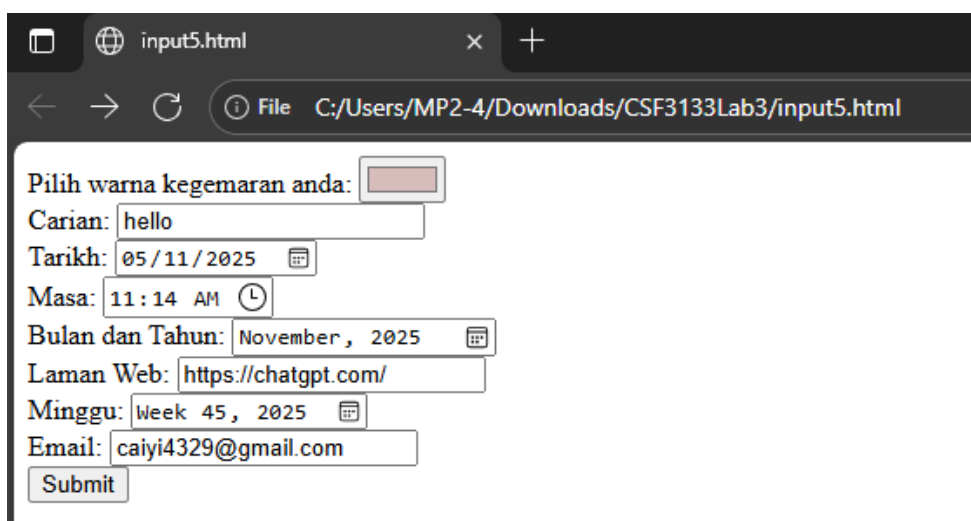
A screenshot of a web browser displaying a form titled "input5.html". The form contains several input elements: a color picker for "Pilih warna kegemaran anda:", a text input for "Carian:", a date input for "Tarikh:" with the placeholder "dd/mm/yyyy", a time input for "Masa:" with the placeholder "--:--:--", a month/year input for "Bulan dan Tahun:" with the placeholder "-----, ----", a text input for "Laman Web:", a week input for "Minggu:" with the placeholder "Week --, ----", and an email input for "Email:". A "Submit" button is located at the bottom left of the form.

For the input, must enter a URL and email must follow the email template



A screenshot of the same web browser showing the form with validation errors. The "Laman Web:" input contains the text "urlsaya" and has a red border. The "Email:" input contains the text "my em" and has a red border. A red error message box with an exclamation mark icon is displayed over the email input, stating "Please enter a URL." The "Submit" button is still visible at the bottom left.

Following shows the correct input

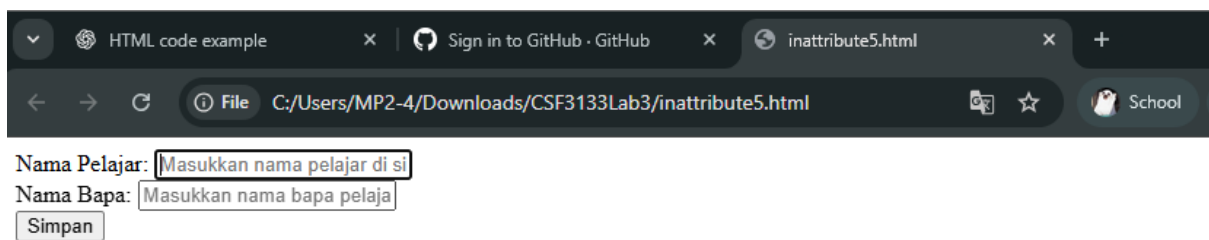


A screenshot of the same web browser showing the form with correct input values. The "Laman Web:" input contains the URL "https://chatgpt.com/". The "Email:" input contains the email address "caiyi4329@gmail.com". The "Submit" button is still visible at the bottom left.

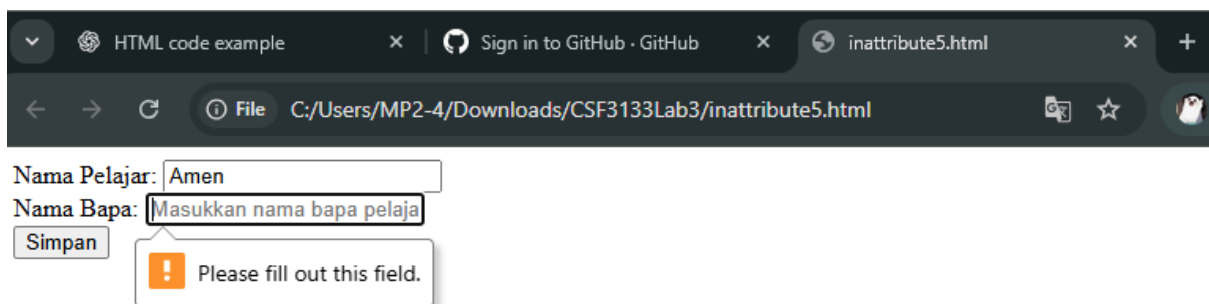
After submit, the url of the page will change to

input5.html?warnapilihan=%23d7bcbc&carian=hello&tarikh=2025-11-05&masa=11%3A14&bulandantahun=2025-11&lamanweb=https%3A%2F%2Fchatgpt.com%2F&minggu=2025-W45&useremail=caiyi4329%40gmail.com&Hantar=Submit

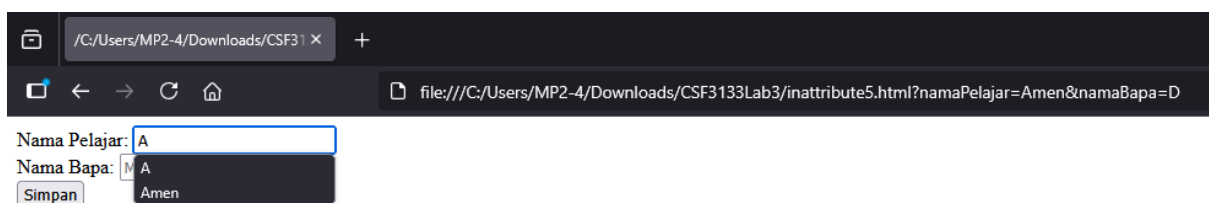
3.6.2 Attributes for Input HTML5



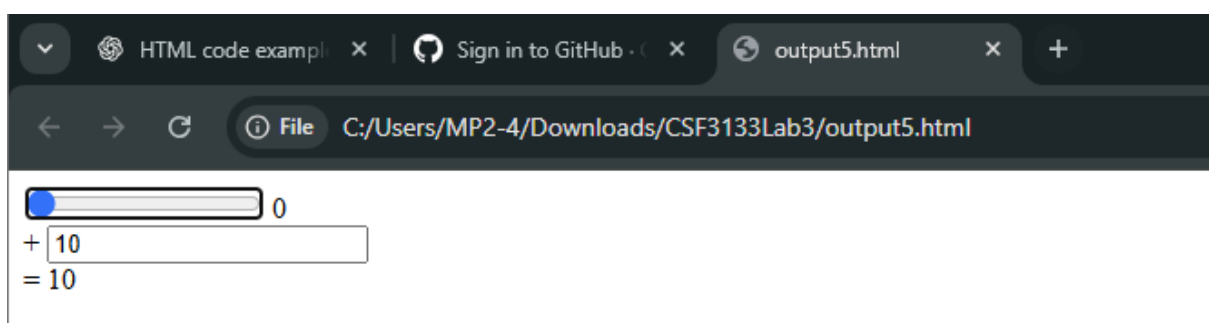
If the father name left it blank, it will call the user to enter father name because it is required in the website



For the autocomplete, it's work.



3.6.3 HTML5 <output> element



Lab Exercise 3

```
block.html  entity.html  intro5.html  input5.html  inattribute5.html  output5.html  lab3.html
C: > Users > MP2-4 > Downloads > CSF3133Lab3 > lab3.html > html > body > div > div#footer > footer > p
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>Calculator</title>
7  </head>
8  <body>
9      <!--Header Section to display header-->
10     <div style="background-color: lightgreen; height: fit-content; width: 97%; text-align: center";id = "header">
11         <h1 >Interactive Contact Form with an Inline Calculator</h1>
12         <span><i>"Calculators can only calculate - they cannot do mathematics." ~ John A. Van de Walle</i></span>
13     </div>
14
15     <div style="background-color: beige; height: fit-content; width: 97%; text-align: left";id = "content">
16         <form action="">
17             <h2>User Contact</h2>
18             Email:
19             <input type="url" name="email">
20             <br>
21             Date:
22             <input type="date" name="Tarikh">
23             <br>
24             User Satisfaction Level:
25             <input type="range" name = "satisfactionlevel">
26             <br>
27             <input type="submit" value="Simpan">
28         </form>
29     <div>
30         <form oninput="output.value = parseInt(num1.value) + parseInt(num2.value)">
31             <h2>Calculator</h2>
32
33             <p>Enter num1:</p>
34             <input type="number" id="num1" value="0">
35
36             <p>Enter num2:</p>
37             <input type="number" id="num2" value="0">
38
39             <p>Result:</p>
40             <output name="output" for="num1 num2"></output>
41         </form>
42     </div>
43 </div>
44 <div>
45
46     <div style="background-color: lightcyan; height: fit-content; width: 97%; text-align: center"; id = "footer">
47         <footer>
48             <p> Please contact <strong>018-2885967</strong> or email to <strong>s76084@ocean.umat.edu.my</strong>
49             <strong>for report/complaint this website.</strong>
50             <br>&copy; 2025 Wong Cai Yi. All rights reserved.</p>
51         </footer>
52     </div>
53 </body>
54 </html>
```


Calculator

LabReport1.pdf

Calculator

Calculator

+

C:/Users/MP2-4/Downloads/CSF3133Lab3/lab3.html

Interactive Contact Form with an Inline Calculator

"Calculators can only calculate - they cannot do mathematics." ~ John A. Van de Walle

User Contact

Email:

Date:

User Satisfaction Level:

Simpan

Calculator

Enter num1:

Enter num2:

Result: 13

Please contact 018-2885967 or email to s76084@ocean.umt.edu.my for report/complaint this website.

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