



BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINEERING)

COURSE NAME AND CODE:

CSF3133 – WEB-BASED INTERFACE DESIGN (K4)

LAB 3

SEMESTER I SESSION 2025/2026

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LAB 3

Activity 3.2 – Block and Inline Elements

A screenshot of a web browser window titled "block.html". The address bar shows the file path: D:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/block.html. The main content area displays the following text:

Block Elements

This is a block element

This is a paragraph (block element)

- List item 1
- List item 2

A screenshot of a web browser window titled "block.html". The address bar shows the file path: D:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/block.html. The main content area displays the following text:

Inline Elements

This is an inline element [This is a link \(inline element\)](#) **This is bold text (inline element)**

Activity 3.3 – Using <div> to Organize Content

Result:

A screenshot of a web browser window titled "div.html". The address bar shows the file path: D:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/div.html. The main content area displays the following text:

Header Section
Navigation Bar
Main Content Area
Sidebar Content
Footer Section

A screenshot of a web browser window titled "div.html". The address bar shows the file path: E:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/div.html. The main content area displays the following text with colored horizontal bars:

Header Section
Navigation Bar
Main Content Area
Sidebar Content
Footer Section

The bars are color-coded: Header Section (light blue), Navigation Bar (green), Main Content Area (light gray), Sidebar Content (gray), and Footer Section (red).

Activity 3.4 – Understanding HTML Entities

Result:



A screenshot of a web browser window titled "entity.html". The address bar shows the file path "D:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/entity.html". The main content area displays the following text:

Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan >

Website ini adalah hakmilik Ainaa Nadhirah ©

After adding more entities:



A screenshot of a web browser window titled "entity.html". The address bar shows the file path "E:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/entity.html". The main content area displays the following text:

Contoh Penggunaan Entiti HTML

Tag html terdiri daripada simbol < dan >

Pound symbol: £

Euro symbol: €

Copyright symbol: ©

Registered symbol: ®

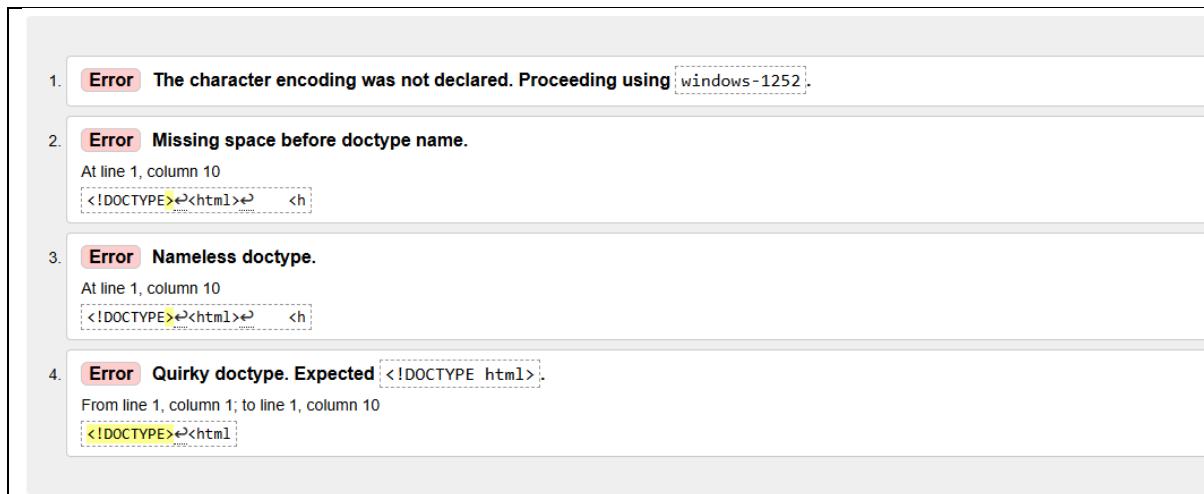
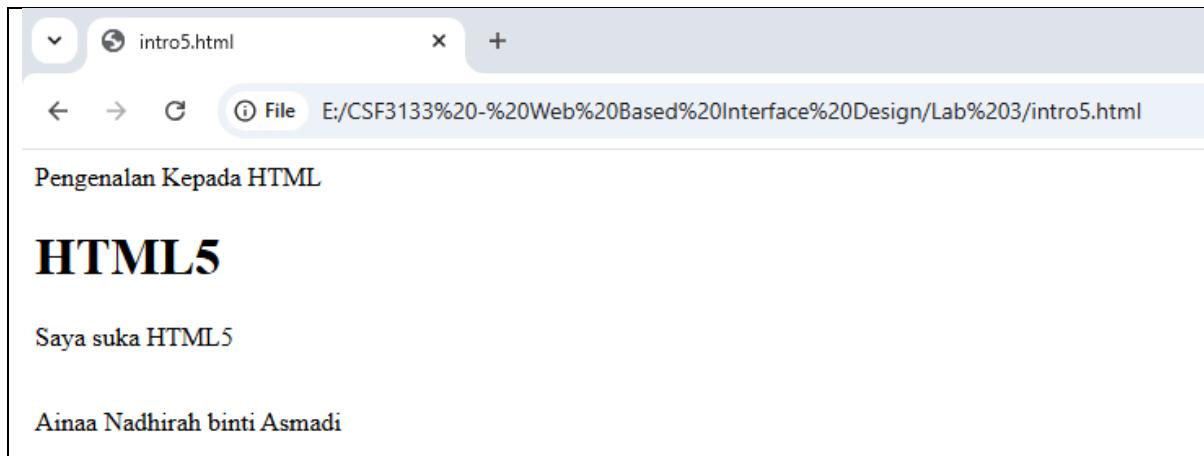
Less than: <

Greater than: >

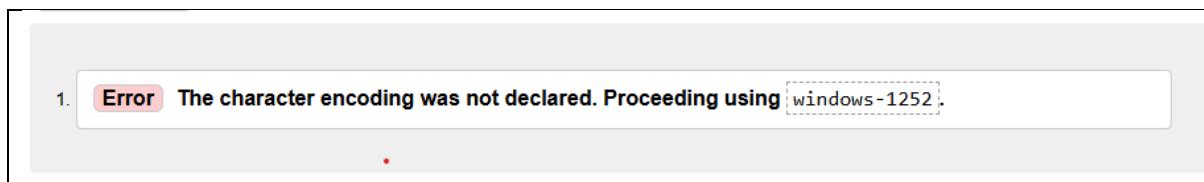
This sentence has extra spaces.

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Activity 3.5 – Hypertext Mark Up Language 5 (HTML 5)



After fix the html code:



Activity 3.6 – Form Elements in HTML5

3.6.1 – Input Elements in HTML5

A screenshot of a web browser window titled "input5.html". The address bar shows the file path: D:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/input5.html. The page contains the following form fields:

- Pilih warna kegemaran anda:
- Carian:
- Tarikh:
- Masa:
- Bulan dan Tahun:
- Laman Web:
- Minggu:
- Email:

After testing using the following data:

- Website: urlsaya
- Email: my email

A screenshot of a web browser window titled "input5.html". The address bar shows the file path: E:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/input5.html. The page contains the same form fields as the previous screenshot, but with different values entered:

- Pilih warna kegemaran anda:
- Carian:
- Tarikh:
- Masa:
- Bulan dan Tahun:
- Laman Web:
- Minggu:
- Email: (An error message box is displayed: ! Please enter a URL.)
- Hantar

3.6.2 – Attributes for Input HTML5

Nama Pelajar:

Nama Bapa:

Simpan

Question 4: Which text box has a flashing cursor?

Answer: The “*Nama Pelajar*”(Student Name) text box because it has the attribute autofocus.

Nama Pelajar:

Nama Bapa:

Simpan

After enter the letter ‘A’ into the ‘Student Name’

Nama Pelajar:

Nama Bapa:

Simpan

3.6.3 – HTML5 <output> element

Result:

A screenshot of a web browser window titled "output5.html". The address bar shows the file path "D:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/output5.html". The content area displays a horizontal slider with a value of 0, a text input field containing "10", and a calculated result "= 15".

3.7 – Lab Exercise 3

Result:

A screenshot of a web browser window titled "Contact Form with Inline Calculations". The address bar shows the file path "D:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%203/lab3.html". The page content includes a title "Contact Us", a message "Your feedback matters!", and several form fields. The satisfaction level is set to 5. Below the form is a section with two input fields for "Number 1" and "Number 2", and a calculated "Sum". At the bottom, there is contact information and a copyright notice.

Contact Us

Your feedback matters!

Email:

Date to contact: dd/mm/yyyy

Satisfaction level:

Number 1: Number 2:

Sum:

Contact us at calculator123@gmail.com

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