



CSF3133 WEB-BASED INTERFACE DESIGN (K4)

LAB MODULE 6

SEMESTER III 2025/2026

PREPARED BY:

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NO MATRIK:

S76103

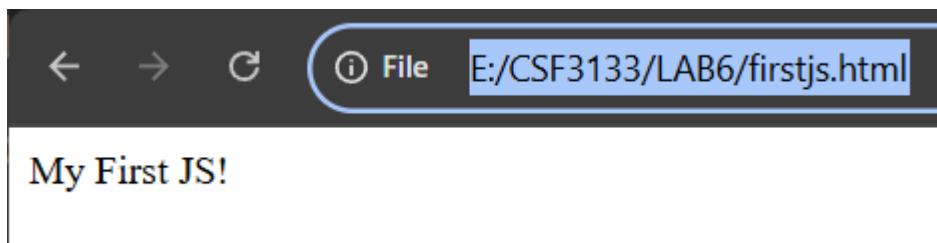
LECTURER:

TS. DR. WAN NURAL JAWAHIR BINTI HJ WAN YUSOF

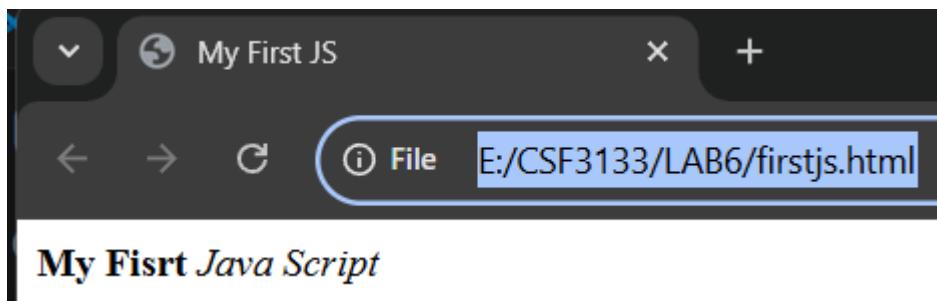
LAB MODERATOR:

PN. WAN FATIN FATIHAH BINTI YAHYA

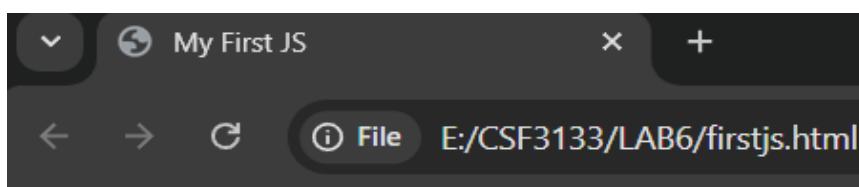
6.3 Basic JavaScript



After change the statement `document.write("My First JS!")` into: `document.write("My Fisrt " + "<i>Java Script</i>");`



6.4 getElementById()

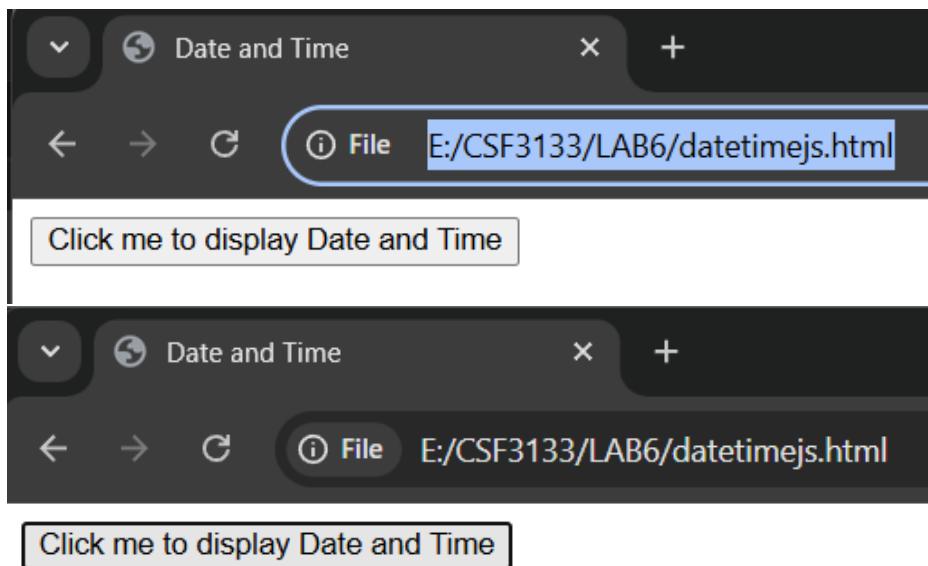


What Can JavaScript Do?

Hello JavaScript!

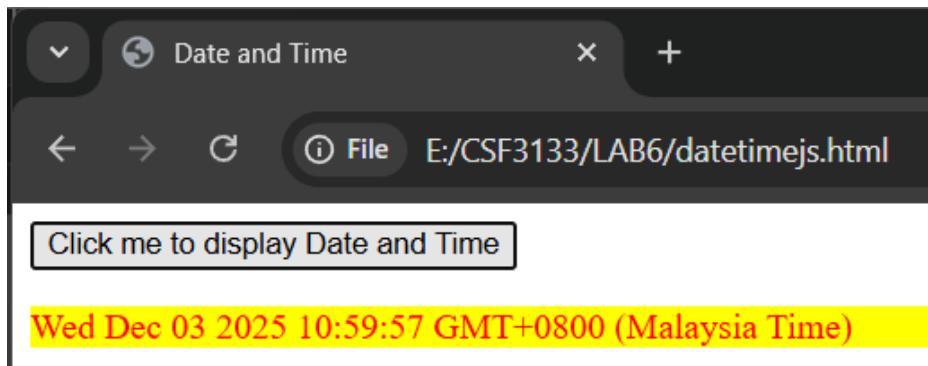
Click Me!

6.4 Date and Time

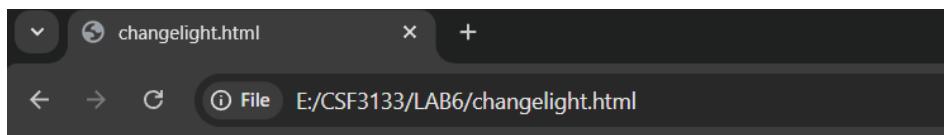


Wed Dec 03 2025 10:53:35 GMT+0800 (Malaysia Time)

Add these script to change the style of variable(demo):

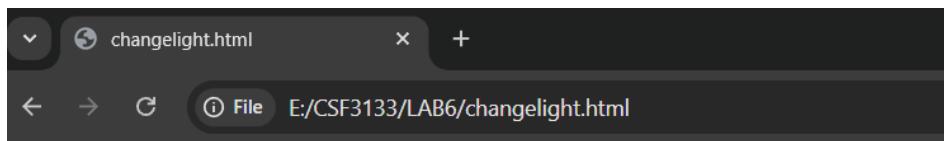


6.6 Change the HTML Attribute Value



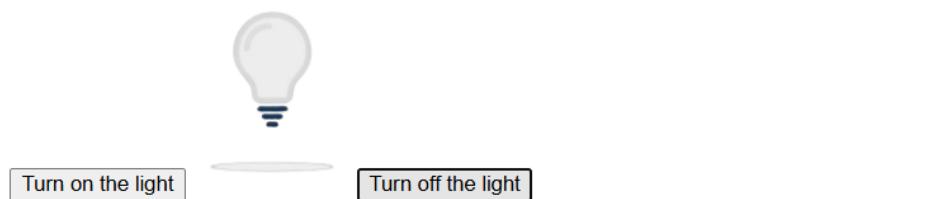
What Can JavaScript \index{JavaScript} Do?

JavaScript \index{JavaScript} changes the value of the 'src' (source) attributes of an image.



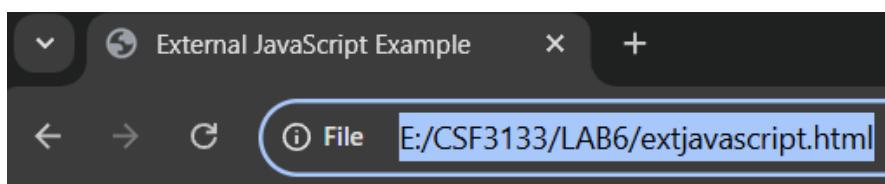
What Can JavaScript \index{JavaScript} Do?

JavaScript \index{JavaScript} changes the value of the 'src' (source) attributes of an image.



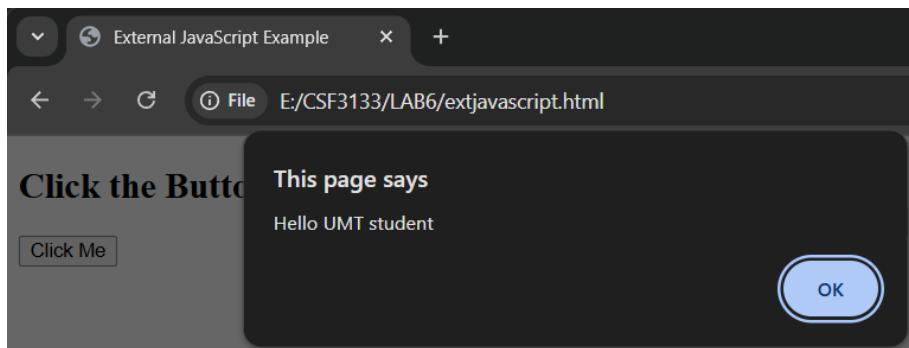
6.7 Link to file Javascript

6.7.3 External References

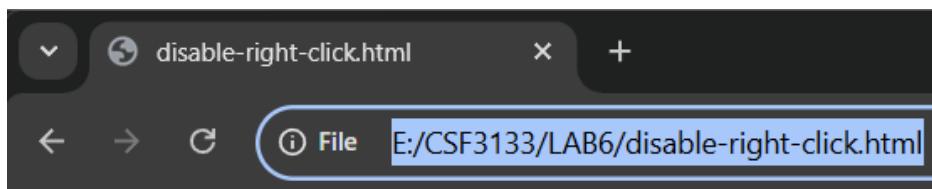


Click the Button to See the Message





6.8 Working with event



Right-Click Disabled

Try right-clicking anywhere on this page

6.9 Multiplication Table

A screenshot of a web browser window titled "Multiplication Table". The address bar shows the file path "E:/CSF3133/LAB6/multiplication-table.html". The main content area features a title "Multiplication Table Generator" and two input fields: "Enter number of rows: 6" and "Enter number of columns: 4". Below these fields is a button labeled "Generate Table". At the bottom of the page, a 6x4 multiplication table is displayed, showing the products of numbers from 1 to 6.

6.10 Client-side validation

6.10.1 Form Validation

A screenshot of a web browser window titled "Form Validation". The address bar shows the URL "E:/CSF3133/LAB6/form-validation.html?fname=aida". The page content is titled "Form Validat" (partially cut off). It contains a form with a label "First Name:" followed by an empty input field and a green "Submit" button. A modal dialog box is displayed, containing the text "This page says" and "First Name must be filled out.", with an "OK" button.

A screenshot of a web browser window titled "Form Validation". The address bar shows the URL "E:/CSF3133/LAB6/form-validation.html?fname=aida". The page content is titled "Form Validation Example". It contains a form with a label "First Name:" followed by an empty input field and a green "Submit" button.

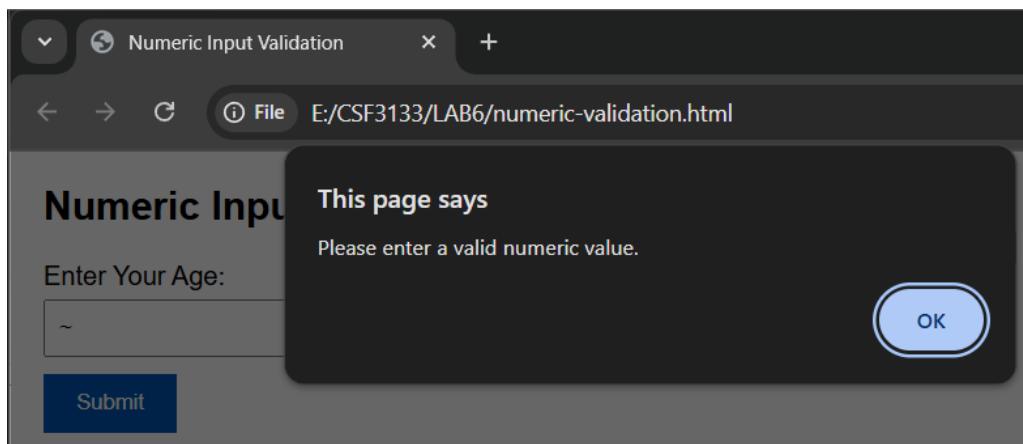
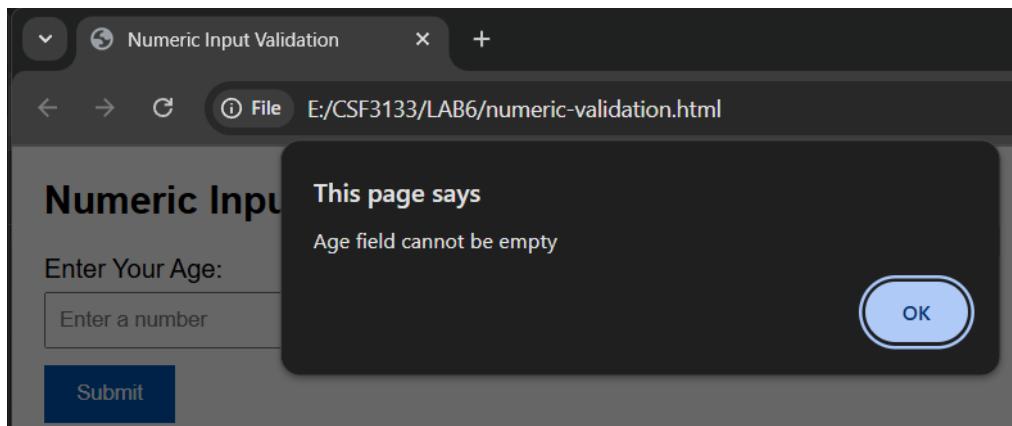
6.10.2 Numeric Input Validation

A screenshot of a web browser window titled "Numeric Input Validation". The address bar shows the URL "E:/CSF3133/LAB6/numeric-validation.html?age=30". The page content is titled "Numeric Input Validation Example". It contains a form with a label "Enter Your Age:" followed by an empty input field and a blue "Submit" button.

Numeric Input Validation Example

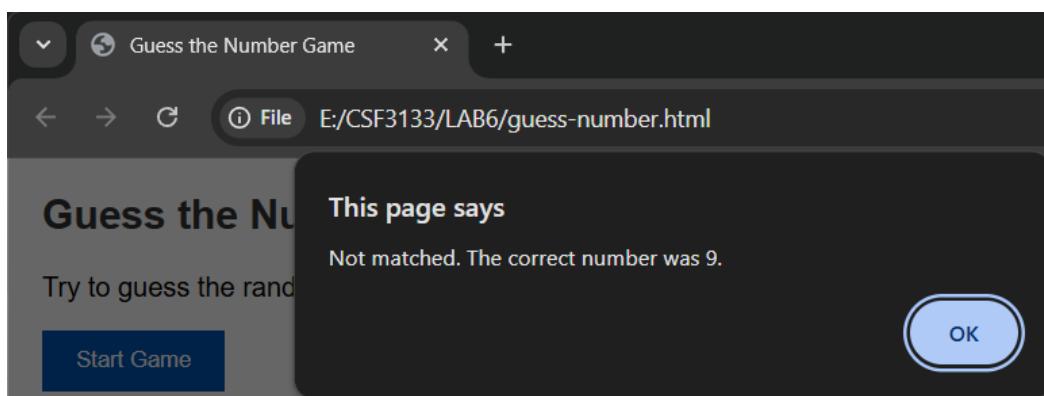
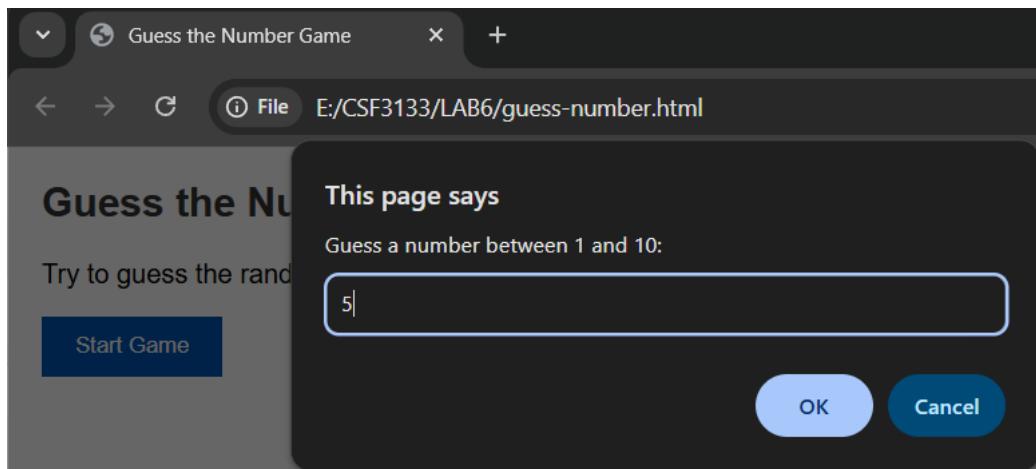
Enter Your Age:

Submit



6.11.1 Guess a Number

A screenshot of a web browser window titled "Guess the Number Game". The address bar shows the file path "E:/CSF3133/LAB6/guess-number.html". The main content area features a large title "Guess the Number Game" and a subtitle "Try to guess the random number between 1 and 10!". Below the subtitle is a blue button labeled "Start Game".



Lab Exercise

The screenshot shows a web browser window with the title bar "Quiz Application". The address bar displays "E:/CSF3133/LAB6/index.html". The main content area has a dark blue header with the text "Web Development Quiz" and "Please answer all questions and submit.". Below this is a white form area containing four numbered questions with multiple-choice options. At the bottom is a blue "Submit Quiz" button. A footer bar at the bottom of the page reads "Lab Exercise 6 – Quiz Application".

1. What does HTML stand for?

- Hyper Text Markup Language
- High Text Machine Language
- Home Tool Markup Language

2. Which language is used for styling web pages?

- HTML
- CSS
- JavaScript

3. Which is NOT a JavaScript framework?

- React
- Angular
- Django

4. Which tag is used to link JavaScript file?

- <js>
- <script>
- <link>

Submit Quiz

Lab Exercise 6 – Quiz Application

After click the Submit

The screenshot shows the same quiz application interface. The "Submit Quiz" button is visible. Below it, the text "Your Score: 3 / 4" is displayed in a large, bold, black font.