



Web-Based Interface Design

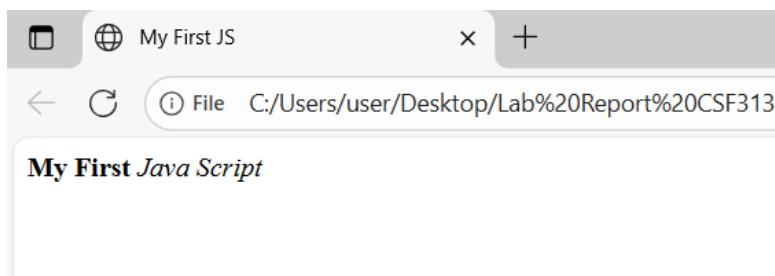
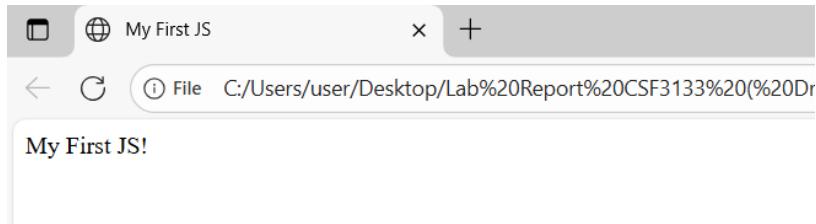
(CSF3133)

Lab Report 6

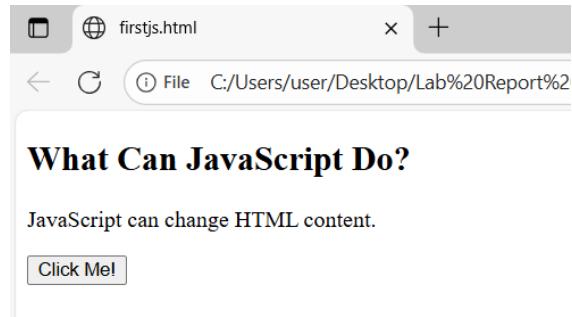
NAME	NURFATIHAH NADZIHA BINTI BAKRI
NO MATRIC	S75963
DATE	03.12.2025
GROUP	K4
PROGRAMME	COMPUTER SCIENCE (SOFTWARE ENGINEERING)

6. Lab Activities

6.3 Basic Javascript



6.4 getElementById()



6.5 Date and Time

A screenshot of a web browser window titled "Date and Time". The address bar shows the file path "C:/Users/user/Desktop/Lab%20Report%20CSF31". Below the address bar is a button labeled "Click me to display Date and Time". Underneath the button, the text "Wed Dec 03 2025 23:08:49 GMT+0800 (Malaysia Time)" is displayed.

A screenshot of a web browser window titled "Date and Time". The address bar shows the file path "C:/Users/user/Desktop/Lab%20Report%20CSF31". Below the address bar is a button labeled "Click me to display Date and Time". Underneath the button, the text "Wed Dec 03 2025 23:13:58 GMT+0800 (Malaysia Time)" is displayed, highlighted in yellow.

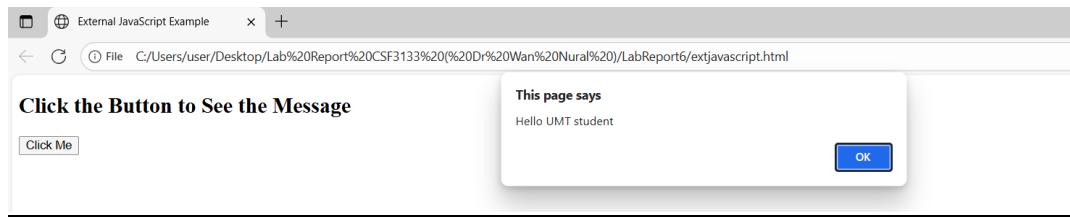
6.6 Change HTML Attribute Values

A screenshot of a web browser window titled "changelight.html". The address bar shows the file path "C:/Users/user/Desktop/Lab%20Report%20CSF3133%20(%20Dr%20Wan%20Nural%20)/LabRep". The main content area features a glowing yellow lightbulb icon. Below the lightbulb are two buttons: "Turn on the light" on the left and "Turn off the light" on the right.

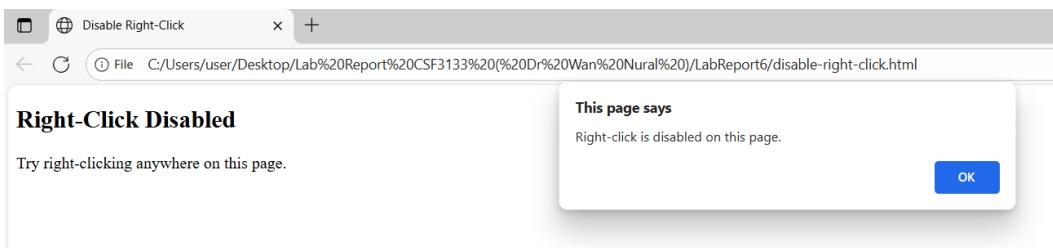
A screenshot of a web browser window titled "changelight.html". The address bar shows the file path "C:/Users/user/Desktop/Lab%20Report%20CSF3133%20(%20Dr%20Wan%20Nural%20)/LabRep". The main content area features a dark, unlit lightbulb icon. Below the lightbulb are two buttons: "Turn on the light" on the left and "Turn off the light" on the right.

6.7 Link to file Javascript

External References:



6.8 Working with events



6.9 Multiplication Table

1	2	3
2	4	6

6.10 Client-side validation

Form Validation:

The screenshot shows a browser window titled "Form Validation". The address bar indicates the file path: C:/Users/user/Desktop/Lab%20Report%20CSF3133%20(%20Dr%20Wan%20Nural%20)/LabReport6/form-validation.html. The page content is titled "Form Validation Example". It contains a "First Name:" label with an input field and a "Submit" button. A modal dialog box is displayed, stating "This page says" followed by "First Name must be filled out." with an "OK" button.

Numeric Input Validation:

The screenshot shows a browser window titled "Form Validation". The address bar indicates the file path: C:/Users/user/Desktop/Lab%20Report%20CSF3133%20(%20Dr%20Wan%20Nural%20)/LabReport6/numeric-validation.html. The page content is titled "Numeric Input Validation Example". It contains an "Enter Your Age:" label with an input field and a "Submit" button. A modal dialog box is displayed, stating "This page says" followed by "Age field cannot be empty." with an "OK" button.

The screenshot shows a browser window titled "Form Validation". The address bar indicates the file path: C:/Users/user/Desktop/Lab%20Report%20CSF3133%20(%20Dr%20Wan%20Nural%20)/LabReport6/numeric-validation.html. The page content is titled "Numeric Input Validation Example". It contains an "Enter Your Age:" label with an input field containing "teha" and a "Submit" button. A modal dialog box is displayed, stating "This page says" followed by "Please enter a valid numeric value." with an "OK" button.

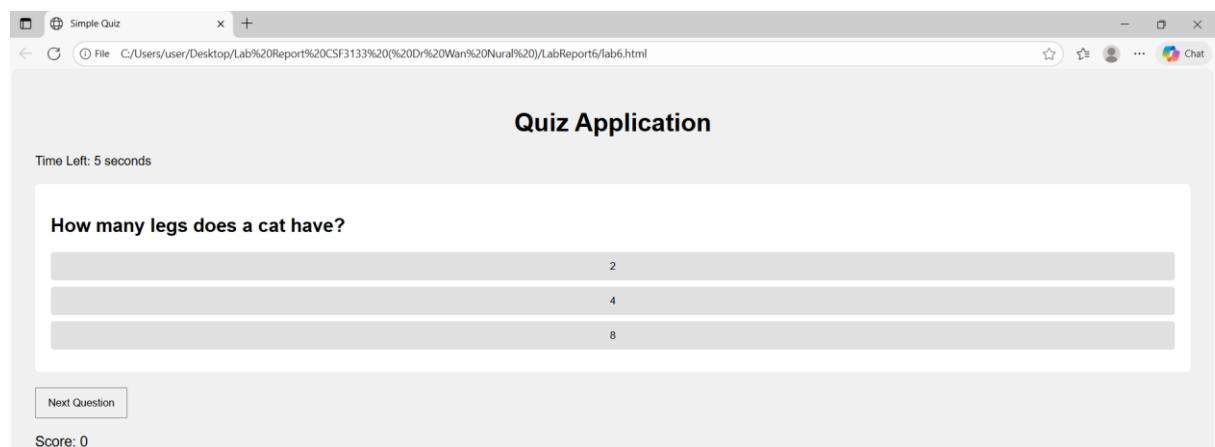
The screenshot shows a browser window titled "Form Validation". The address bar indicates the file path: C:/Users/user/Desktop/Lab%20Report%20CSF3133%20(%20Dr%20Wan%20Nural%20)/LabReport6/numeric-validation.html. The page content is titled "Numeric Input Validation Example". It contains an "Enter Your Age:" label with an input field containing "234" and a "Submit" button. A modal dialog box is displayed, stating "This page says" followed by "Please enter a number between 1 and 120." with an "OK" button.

The screenshot shows a browser window titled "Form Validation". The address bar indicates the file path: C:/Users/user/Desktop/Lab%20Report%20CSF3133%20(%20Dr%20Wan%20Nural%20)/LabReport6/numeric-validation.html. The page content is titled "Numeric Input Validation Example". It contains an "Enter Your Age:" label with an input field containing "50" and a "Submit" button. A modal dialog box is displayed, stating "This page says" followed by "Form submitted successfully!" with an "OK" button.

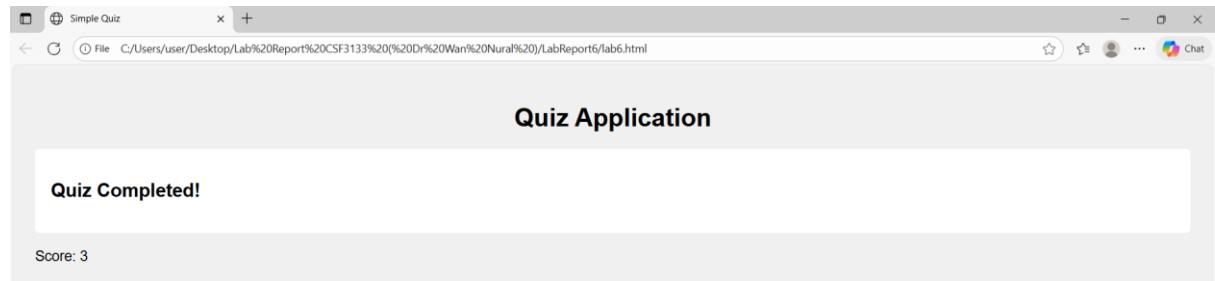
6.11 Math Function



6.12 Lab Exercise 6



The screenshot shows a Windows-style application window titled "Simple Quiz". The URL in the address bar is "C:/Users/user/Desktop/Lab%20Report%20CSF3133%20(%20Dr%20Wan%20Nural%20)/LabReport6/lab6.html". The main content area is titled "Quiz Application" and displays the question "How many legs does a cat have?". Below the question are three horizontal buttons labeled "2", "4", and "8". At the bottom left is a "Next Question" button, and at the bottom center is a "Score: 0" message.



The second screenshot shows the same application window after the quiz has been completed. The title "Quiz Application" remains, but the question and options are no longer present. Instead, there is a large white rectangular area containing the text "Quiz Completed!". At the bottom center, the score is displayed as "Score: 3".