



BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINEERING)

COURSE NAME AND CODE:

CSF3133 – WEB-BAED INTERFACE DESIGN (K4)

LAB 6

SEMESTER I SESSION 2025/2026

PREPARED BY:

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COURSE LECTURER:

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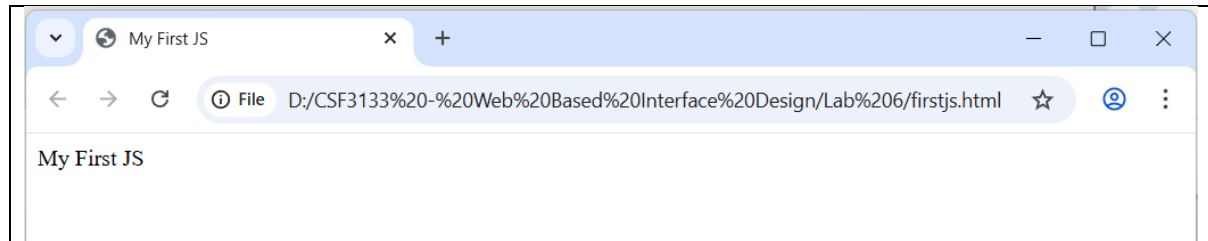
LAB MODERATOR:

PN. WAN FATIN FATIAH BINTI YAHYA

LAB 6

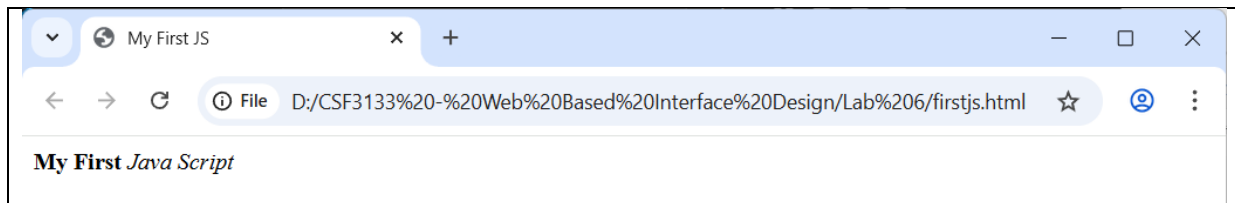
Activity 6.3 – Basic Javascript:

Result:



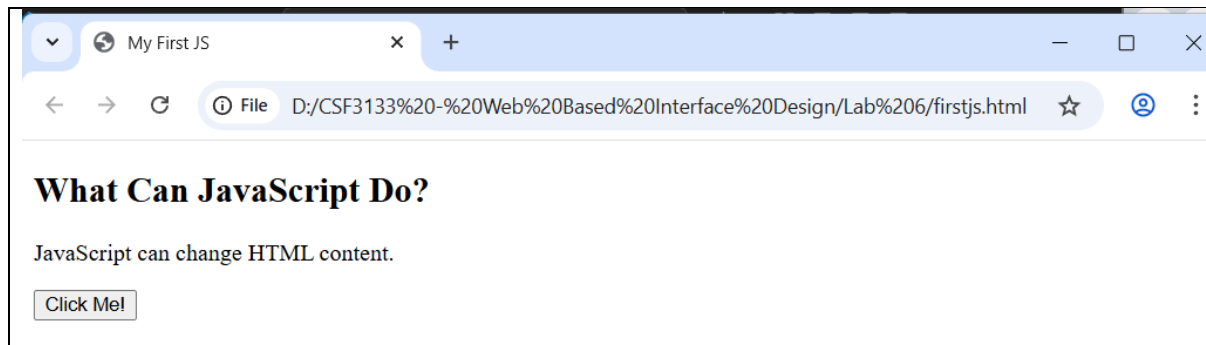
After change change the statement `document.write("My First JS!")` into `document.write(" My First "+ "<i>Java Script</i>");`

Result:



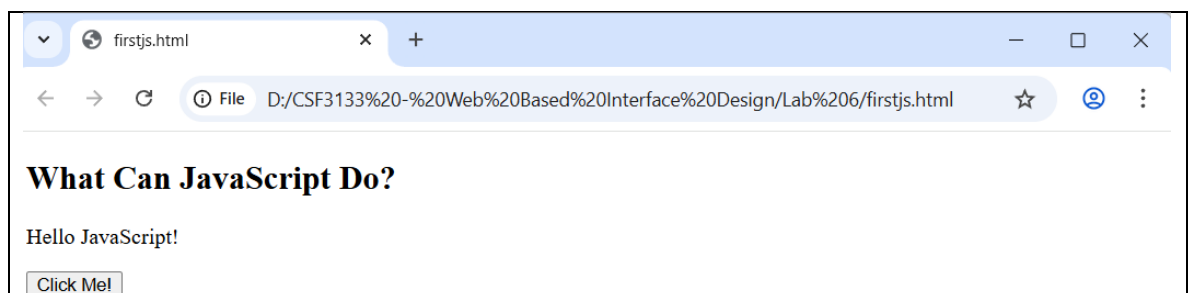
Activity 6.4 – getElementById():

Result:



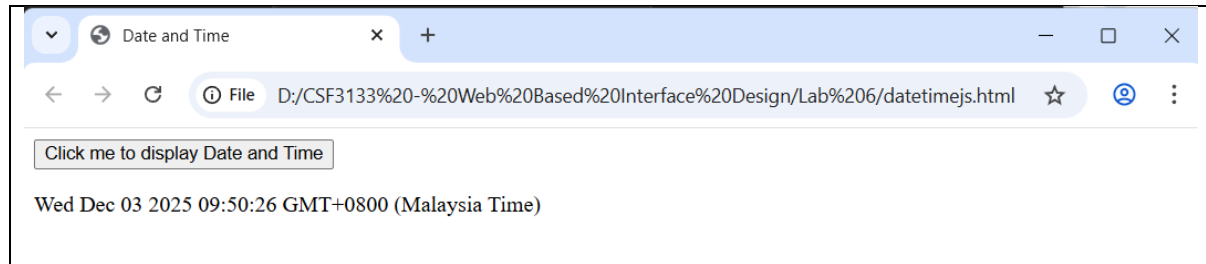
After click the Click Me

Result:



Activity 6.5 – Date and Time:

Result:

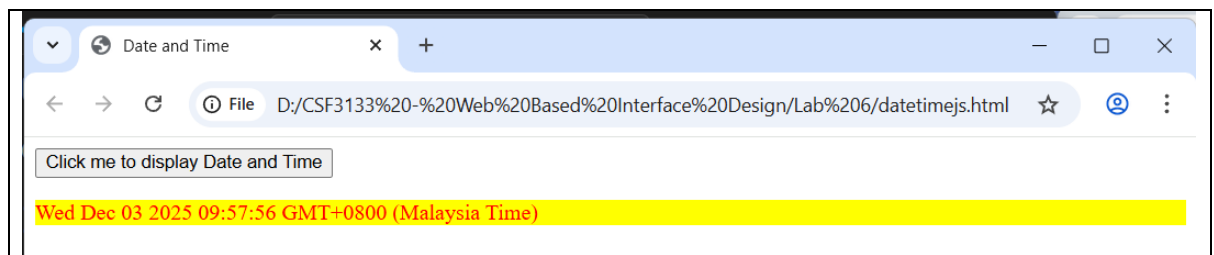


After you try to display date/time and get the result, now add these scripts to change the style of variable (demo):

```
document.getElementById("demo").style.color = "red";
```

```
document.getElementById("demo").style.backgroundColor = "yellow";
```

Result:



Activity 6.6 – Change HTML Attribute Value

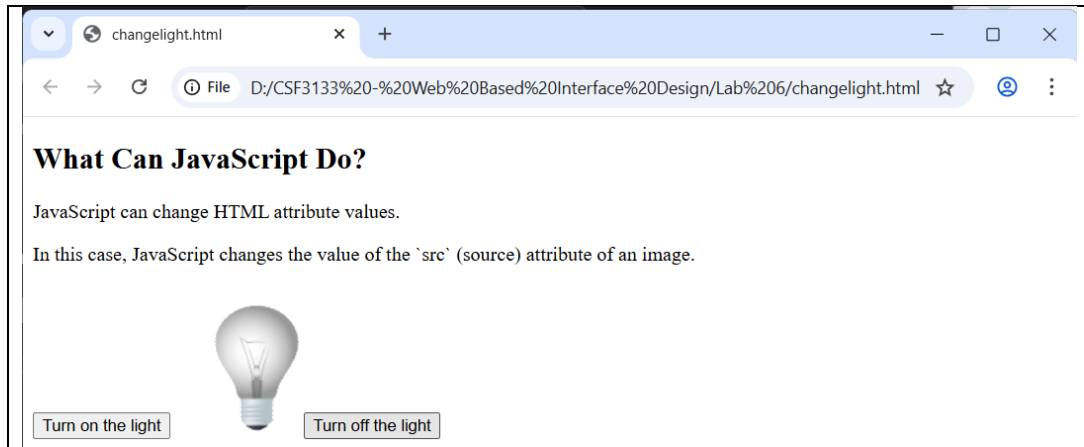
Turn on the light:

Result:



Turn off the light:

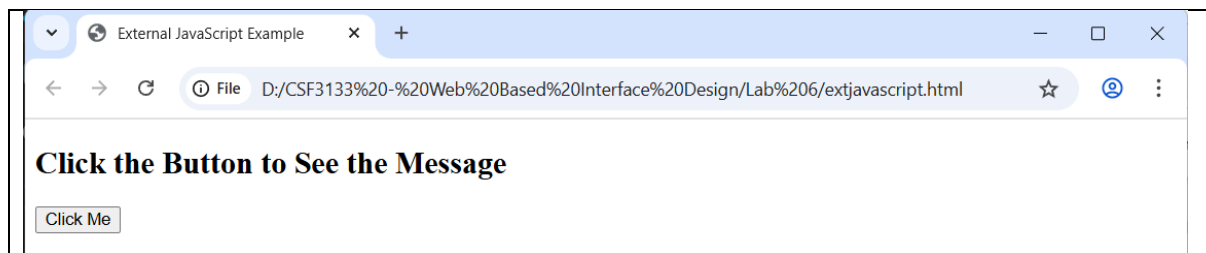
Result:



Activity 6.7 – Link to file Javascript (*.js)

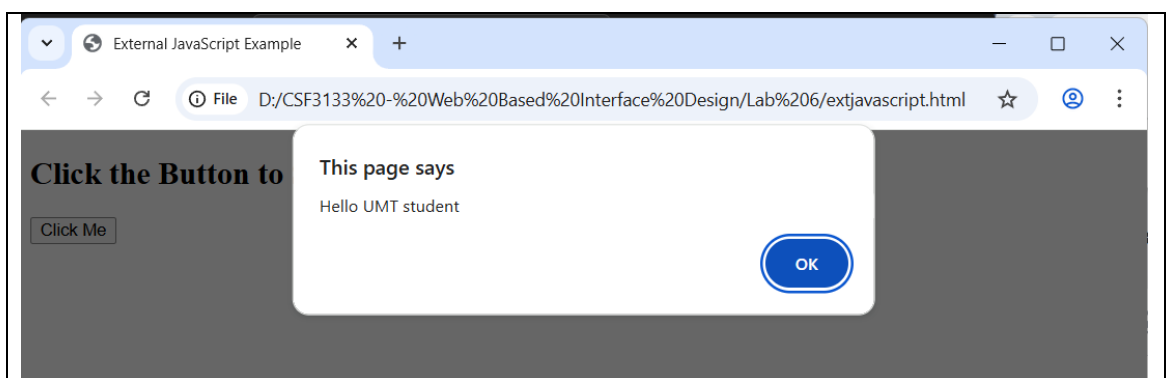
6.7.3 – External References:

Result:



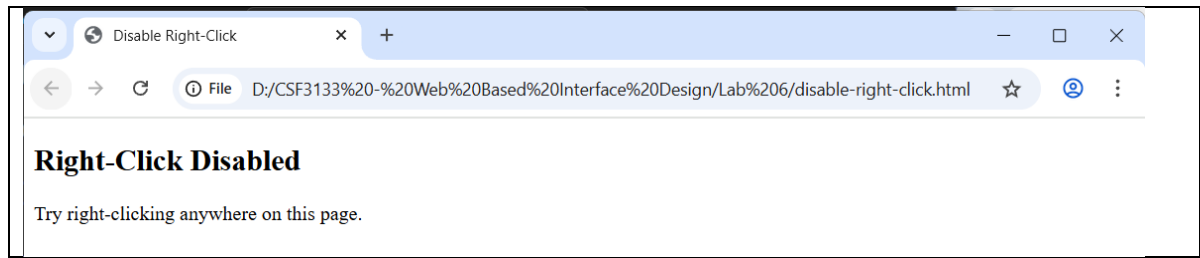
After click the button “Click Me”

Result:

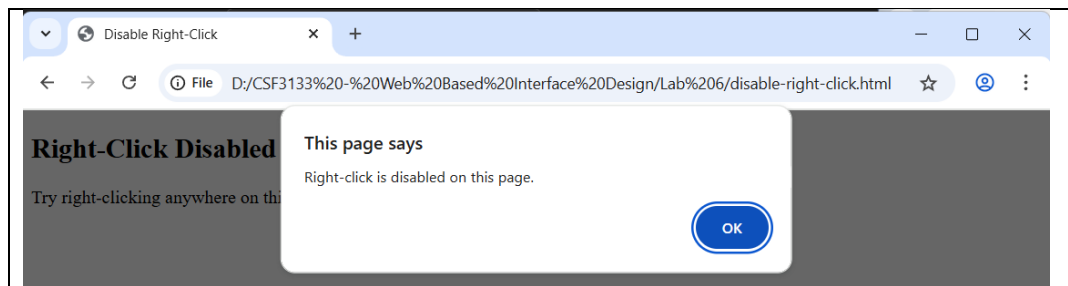


Activity 6.8 – Working with events

Result:



After right-clicking anywhere:



Activity 6.9 – Multiplication Table

Result:

A screenshot of a web browser window showing a 'Multiplication Table Generator' application. The title bar says 'Multiplication Table'. The address bar shows the file path: 'D:/CSF3133%20-%20Web%20Based%20Interface%20Design/Lab%206/multiplication-table.html'. The main content area has the heading 'Multiplication Table Generator'. Below the heading, there are two input fields: 'Enter number of rows:' with the value '6' and 'Enter number of columns:' with the value '2'. Below these fields is a 'Generate Table' button. Below the button is a multiplication table with 6 rows and 2 columns.

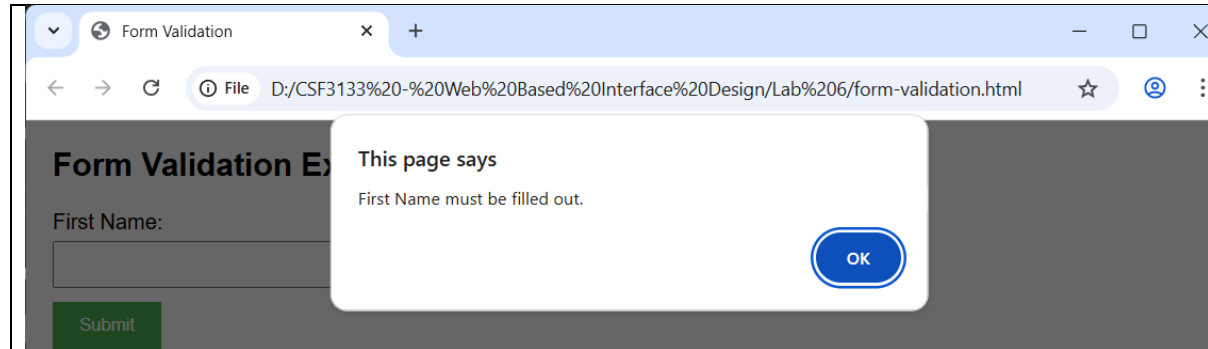
1	2
2	4
3	6
4	8
5	10
6	12

Activity 6.10 – Client-side validation

6.10.1 – Form Validation

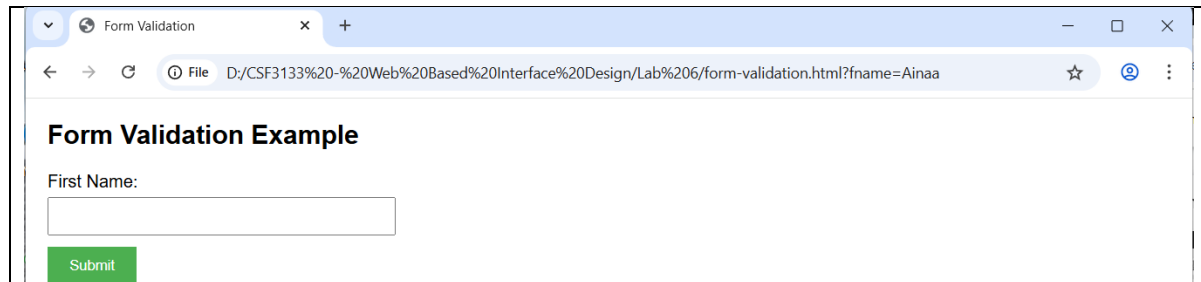
Case 1: Leave the "**First Name**" field empty and click Submit. An alert should appear saying, "**First Name must be filled out.**".

Result:



Case 2: Fill in the "**First Name**" field and click Submit. The form should submit successfully.

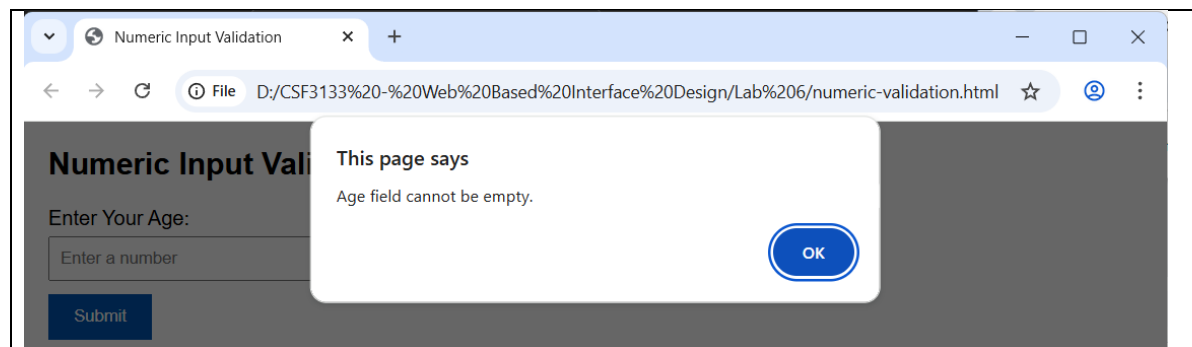
Result:



6.10.2 – Numeric Input Validation:

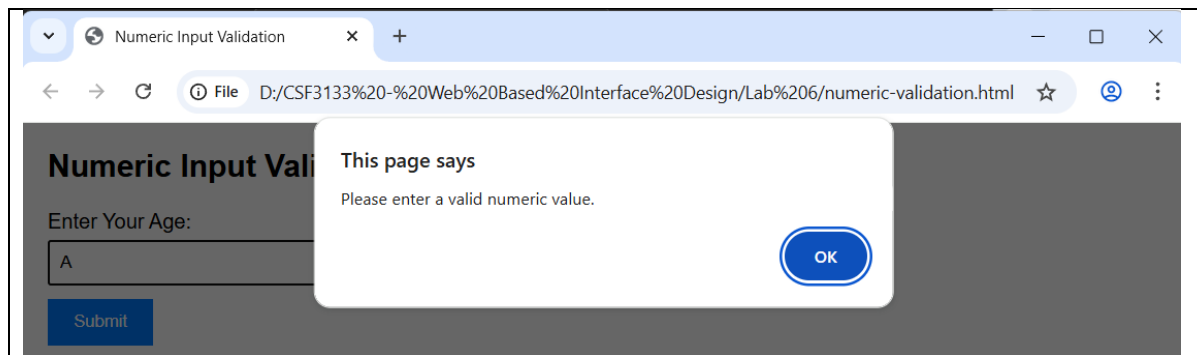
Case 1: Leave the input field empty and click Submit. An alert should appear saying, "**Age field cannot be empty.**".

Result:



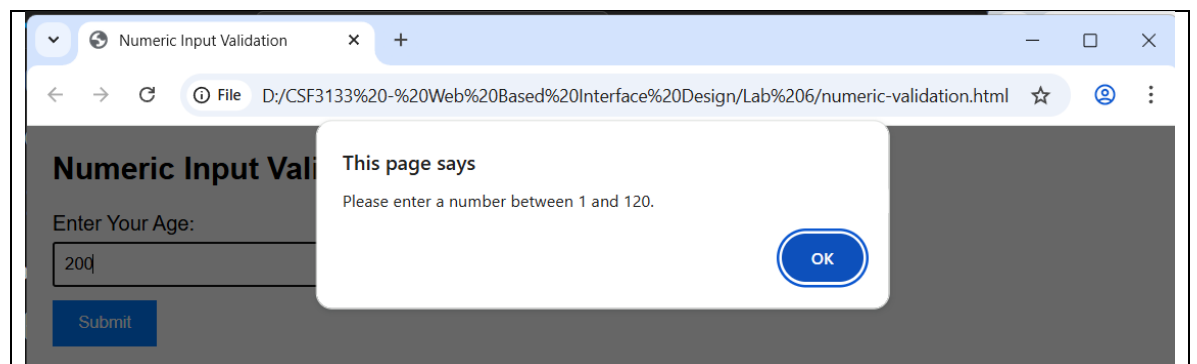
Case 2: Enter non-numeric characters and click Submit. An alert should appear saying, **"Please enter a valid numeric value"**.

Result:



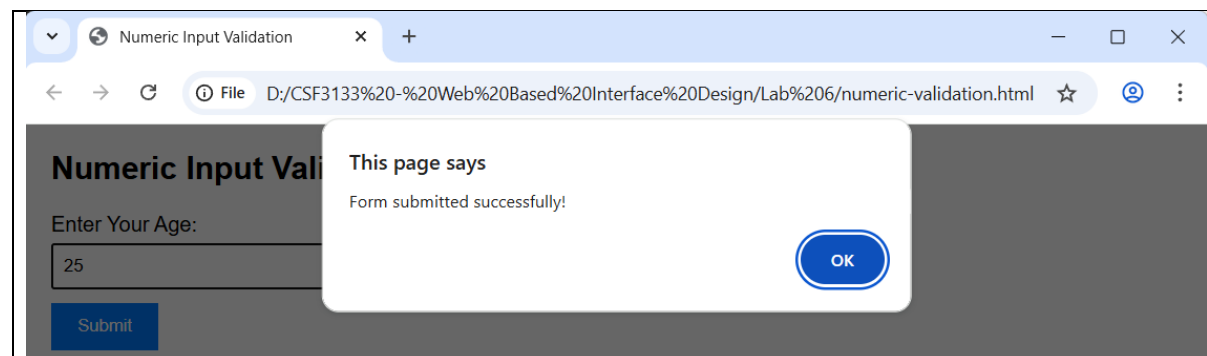
Case 3: Enter a number outside the range (e.g., -5 or 200) and click Submit. An alert should appear saying, **"Please enter a number between 1 and 120."**.

Result:



Case 4: Enter a valid number (e.g., 25) and click Submit. A success message will appear.

Result:



Activity 6.11 – Math Function

6.11.1 - Guess a Number:

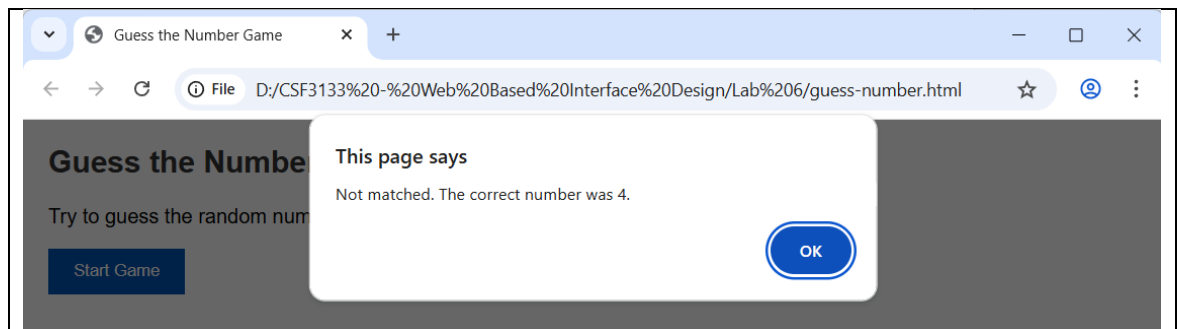
If guess matches the random number:

Result:



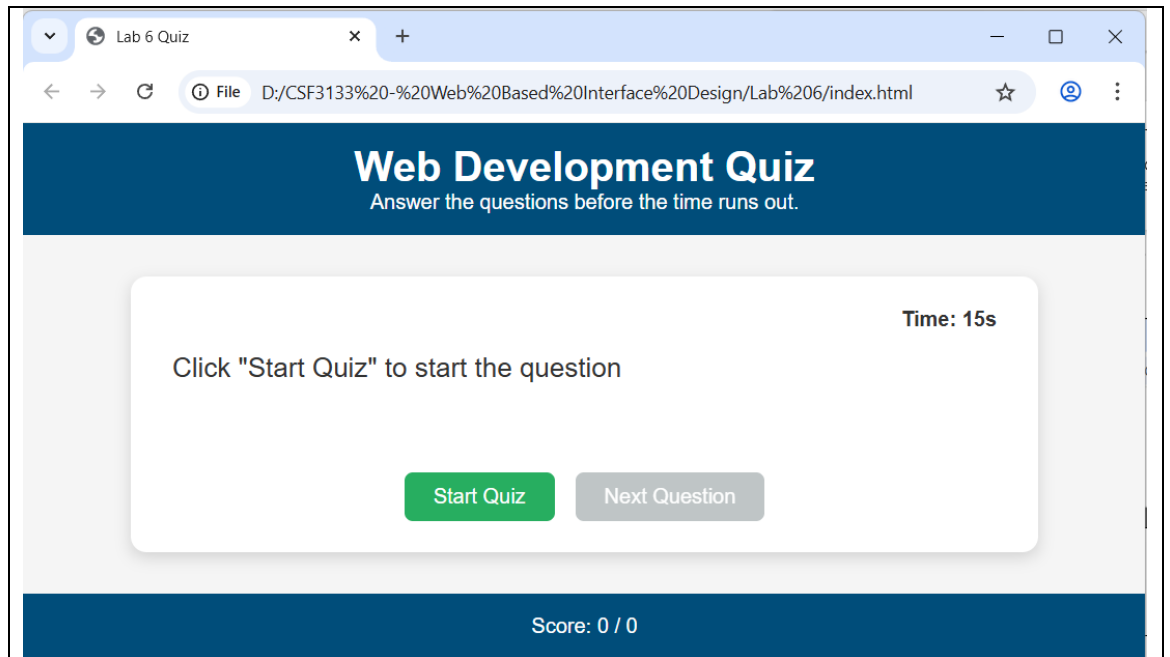
If guess is incorrect, along with the correct number:

Result:

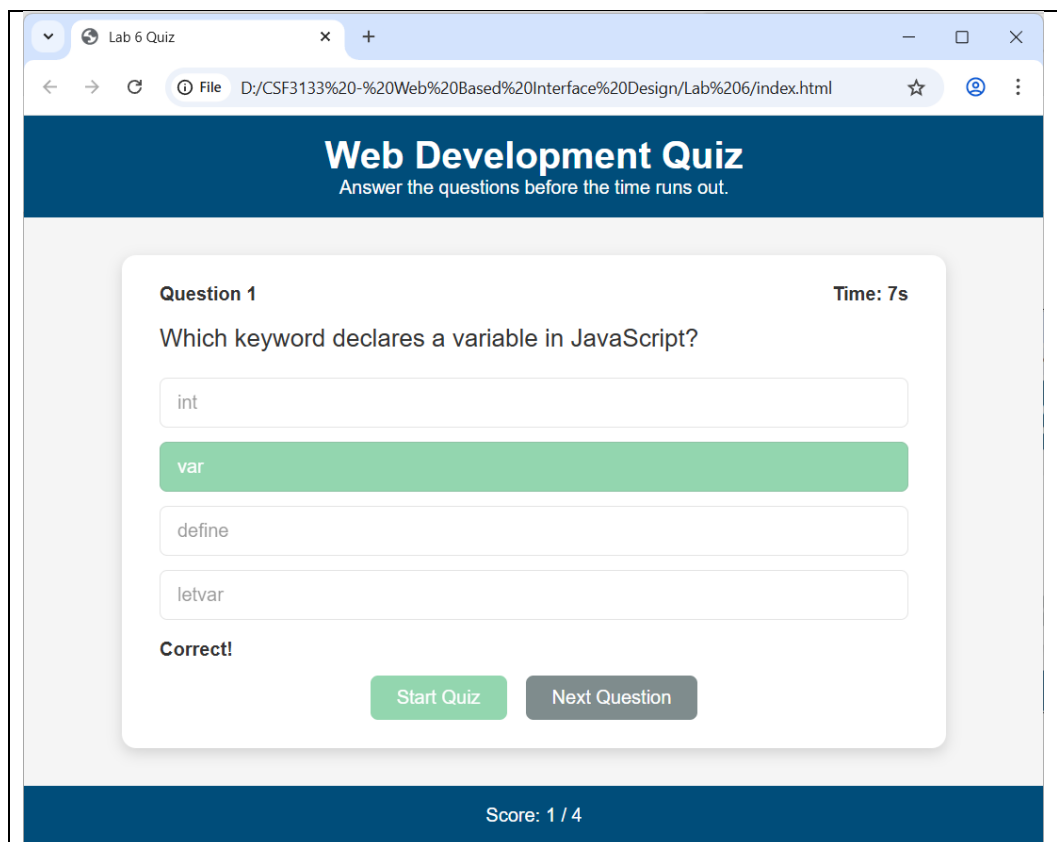


Lab Exercise 6:

Result:



When the answer is correct:



When the answer is incorrect:

Result:

Web Development Quiz

Answer the questions before the time runs out.

Question 1 Time: 14s

Which CSS property changes the text color?

font-style

background-color

color

text-decoration

Incorrect.

Start Quiz Next Question

Score: 0 / 4

When you didn't answer the question:

Result:

Web Development Quiz

Answer the questions before the time runs out.

Question 2 Time: 0s

Which keyword declares a variable in JavaScript?

int

var

define

letvar

Time is up!

Start Quiz Next Question

Score: 0 / 4