UNIVERSITI TUN HUSSEIN ONN MALAYSIA

FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

(FSKTM)

SEMESTER I 2024/2025

WEB DEVELOPMENT

BIC 21203

SECTION 04

LAB ASSIGNMENT 04

TITLE

CLIENT-SIDE SCRIPTING

LECTURER

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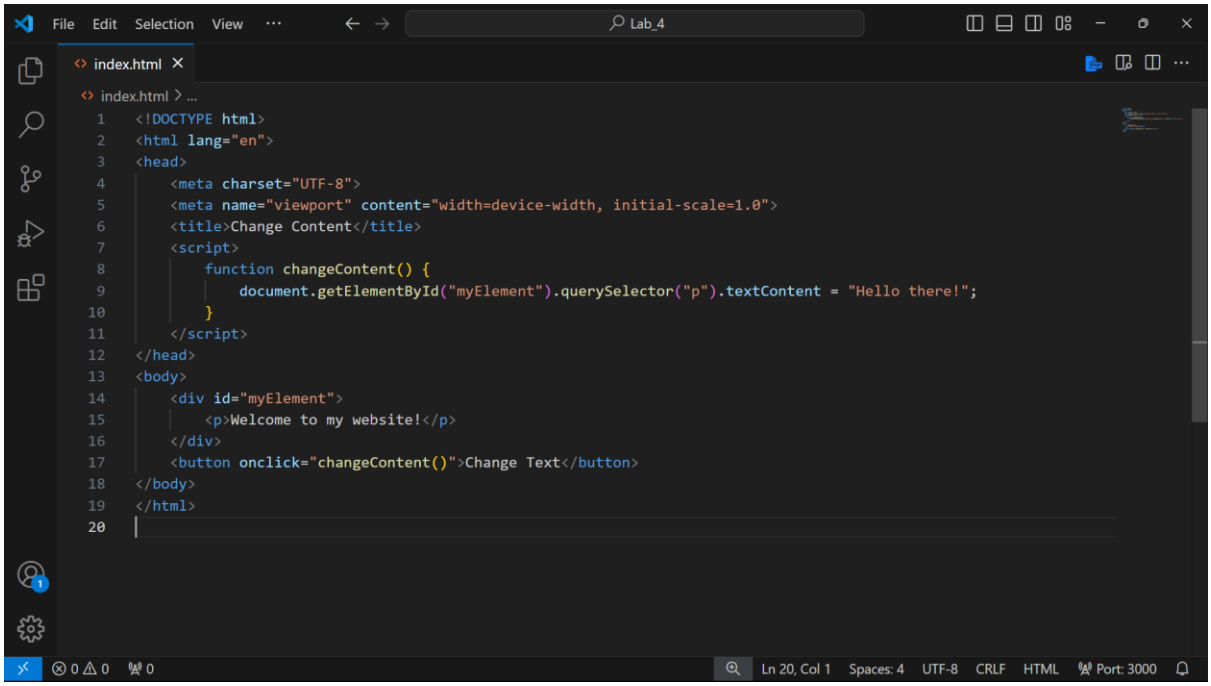
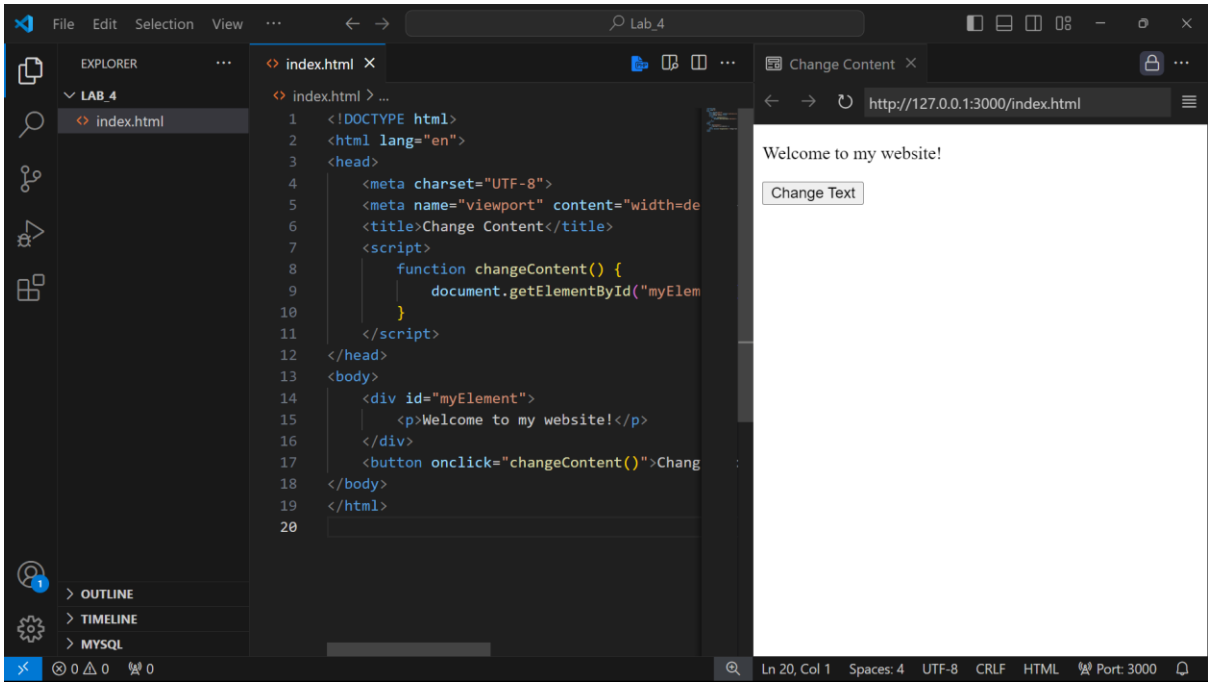
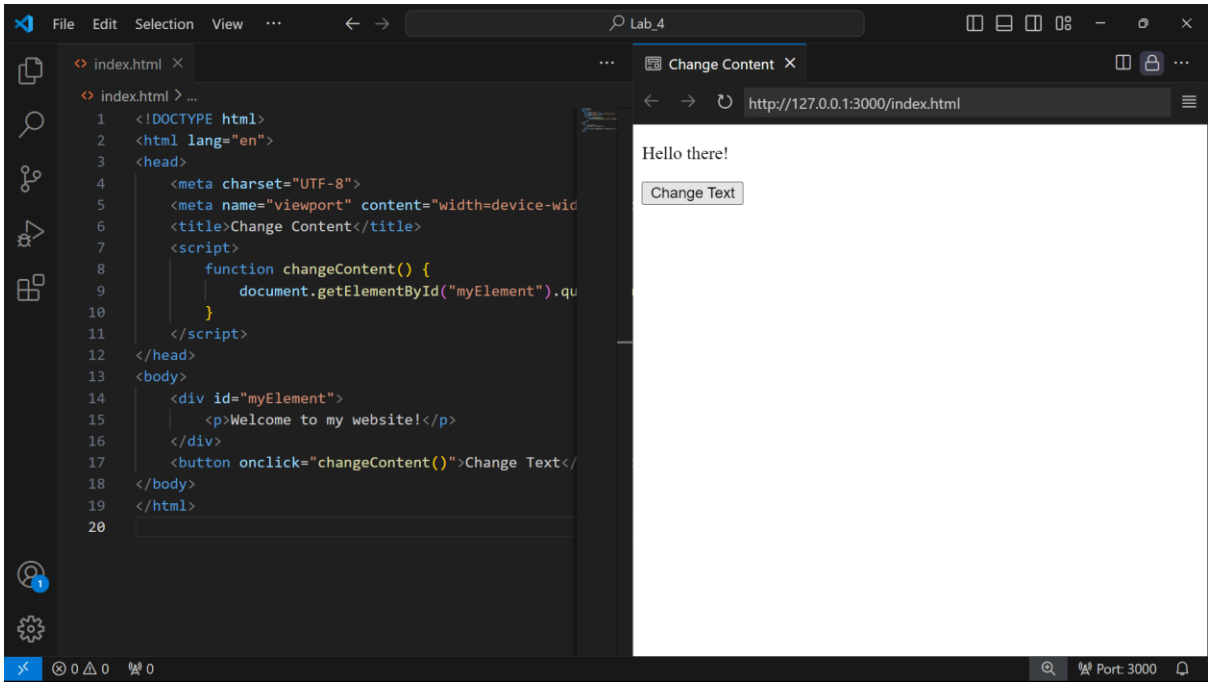
Instruction: Answer all questions. Write your answer and screenshot the output in Mi Word. Submit through Author in PDF format.

1. Write an HTML with JavaScript statements to change the content of the <p> to there!".

```
<div id="myElement">
```

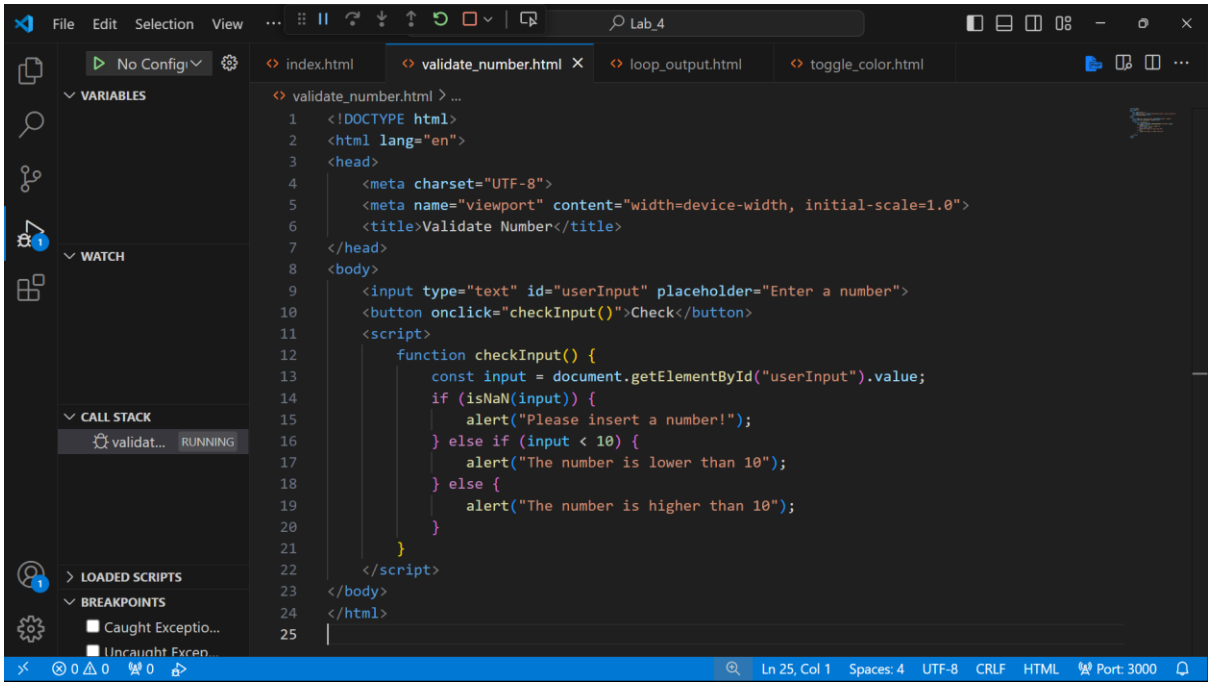


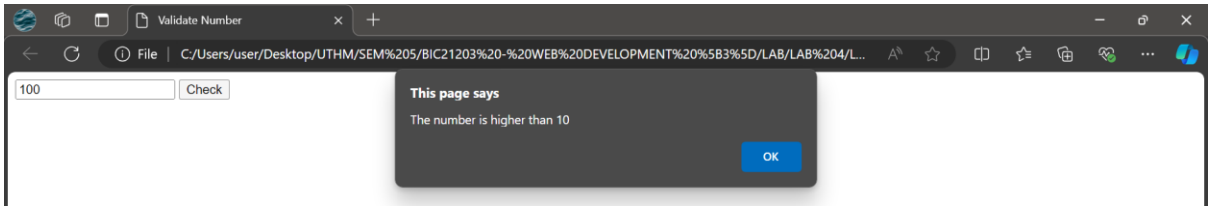



File Edit Selection View
Lab_4
index.html
index.html > ...
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-wid
6 <title>Change Content</title>
7 <script>
8 function changeContent() {
9 document.getElementById("myElement").qu
10 }
11 </script>
12 </head>
13 <body>
14
15 Welcome to my website!
16
17 <button onclick="changeContent()">Change Text</
18 </body>
19 </html>
20
Change Content
http://127.0.0.1:3000/index.html
Hello there!
Change Text
0 0 0
Port: 3000

2. Based on the HTML code below, write an HTML with a JavaScript function that uses if else condition to validate if the number entered is lower or higher than 10. If it is lower than 10, then make an alert of “The number is lower than 10”, otherwise “The number is higher than 10”. If the user entered other than numbers (eg:alphabets), alert “Please insert a number!”.

```
<input type="text" id="userInput" placeholder="Enter a number">
<button onclick="checkInput()">Check</button>
```



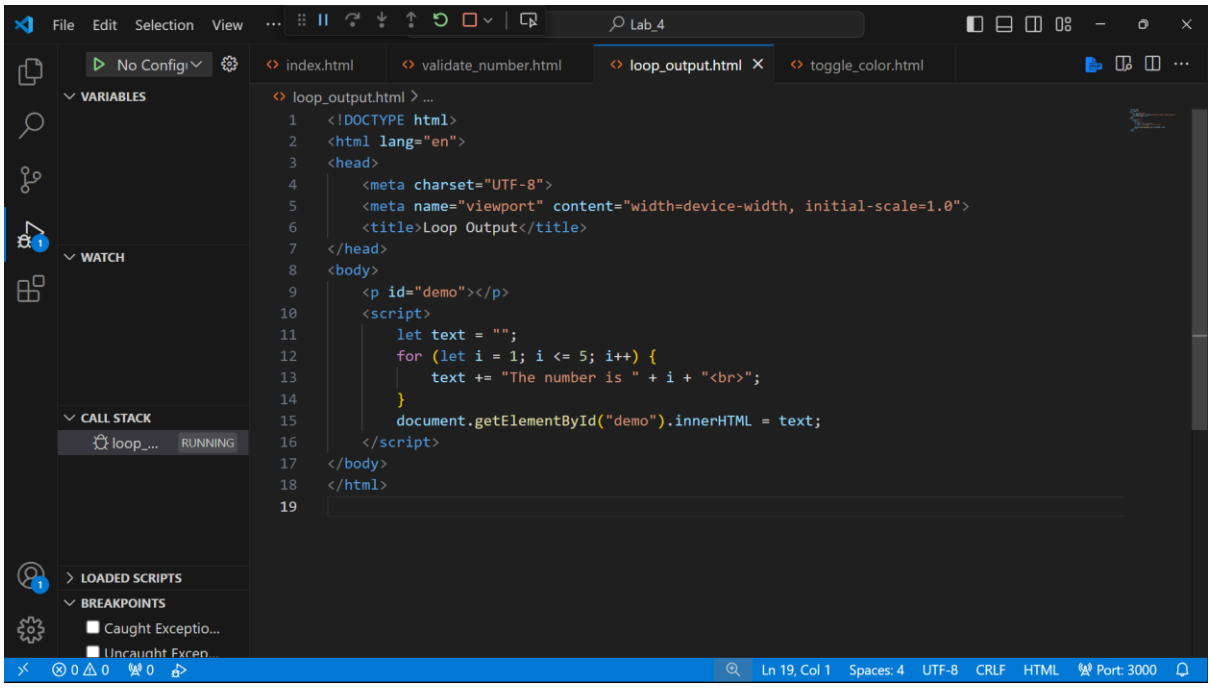


3. Complete the JavaScript code below to produce the following output. Write your answer in a complete HTML code.

```
<p id="demo"></p>

    <script>
      let text = "";

      for (let i = 0; //your answer) {


      text += "The number is " //your answer
    }

    document.getElementById("demo").innerHTML = text;
    </script>
```

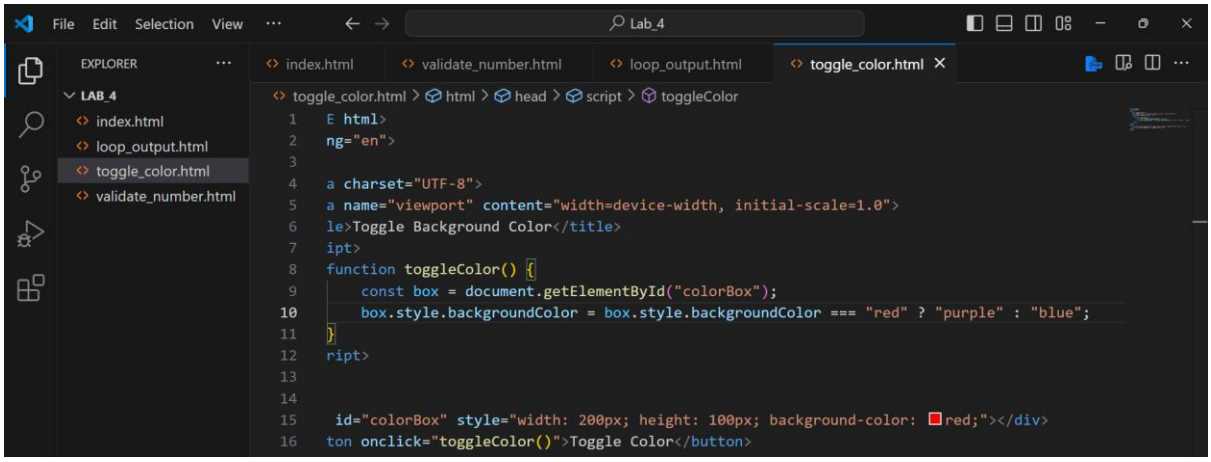
Output:

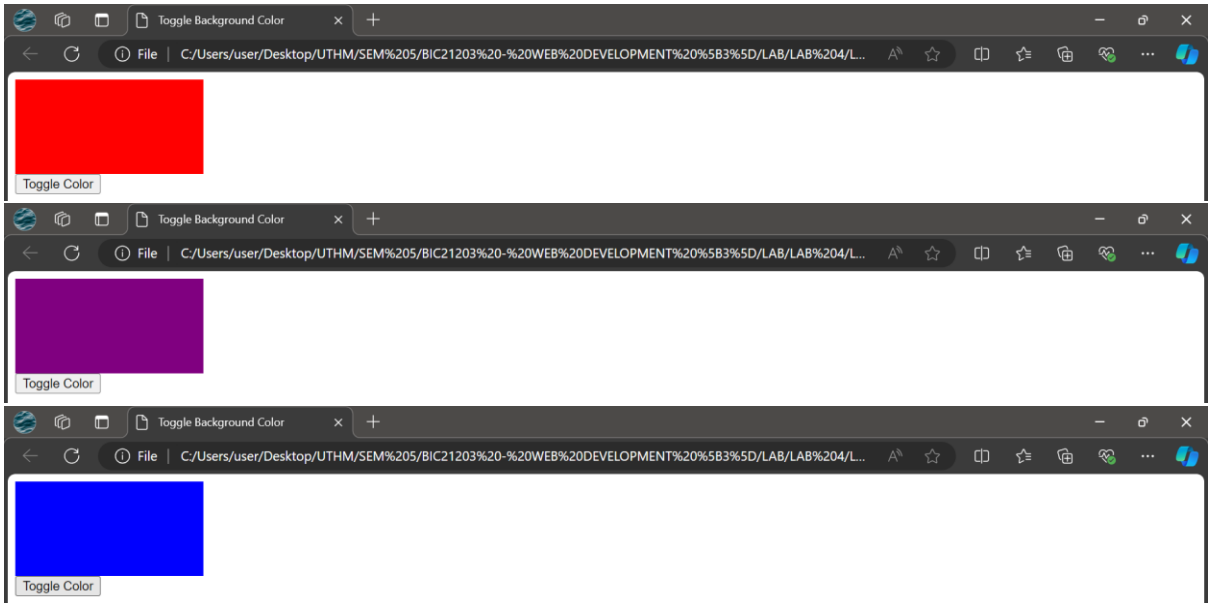
```
The number is 1
The number is 2
The number is 3
The number is 4
The number is 5
```



4. Write an HTML code with JavaScript that includes a button to toggle the background color of a `<div>` element between red and blue each time the button is clicked.

```
<div id="colorBox" style="width: 200px; height: 100px; background-
color: red;"></div>
<button onclick="toggleColor()">Toggle Color</button>
```





GITHUB LINK:

https://github.com/wanai220118/Lab_4