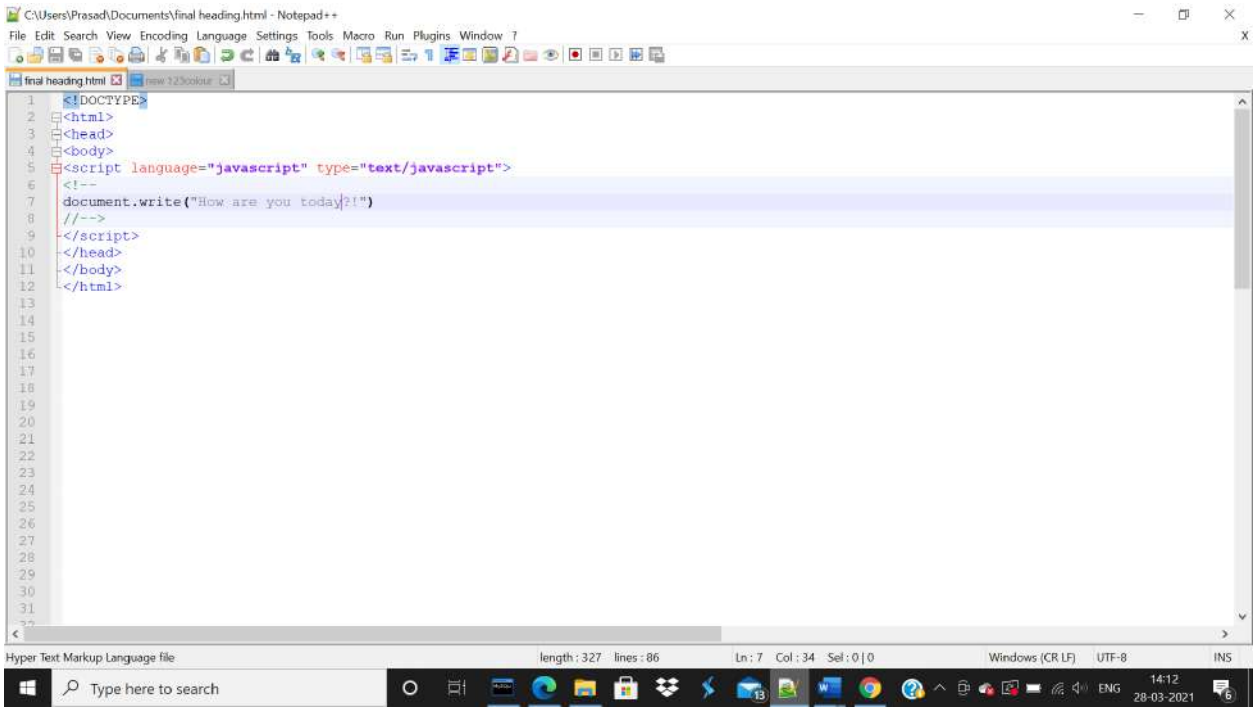
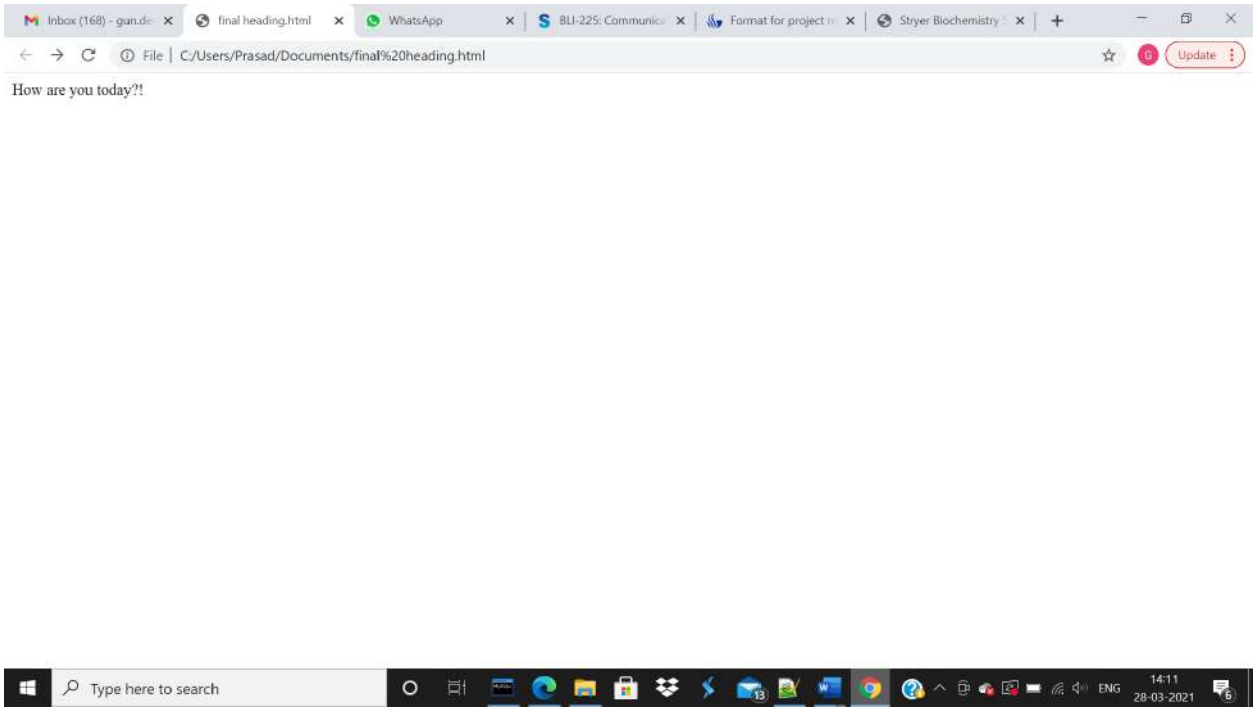
Date: 10/4/21

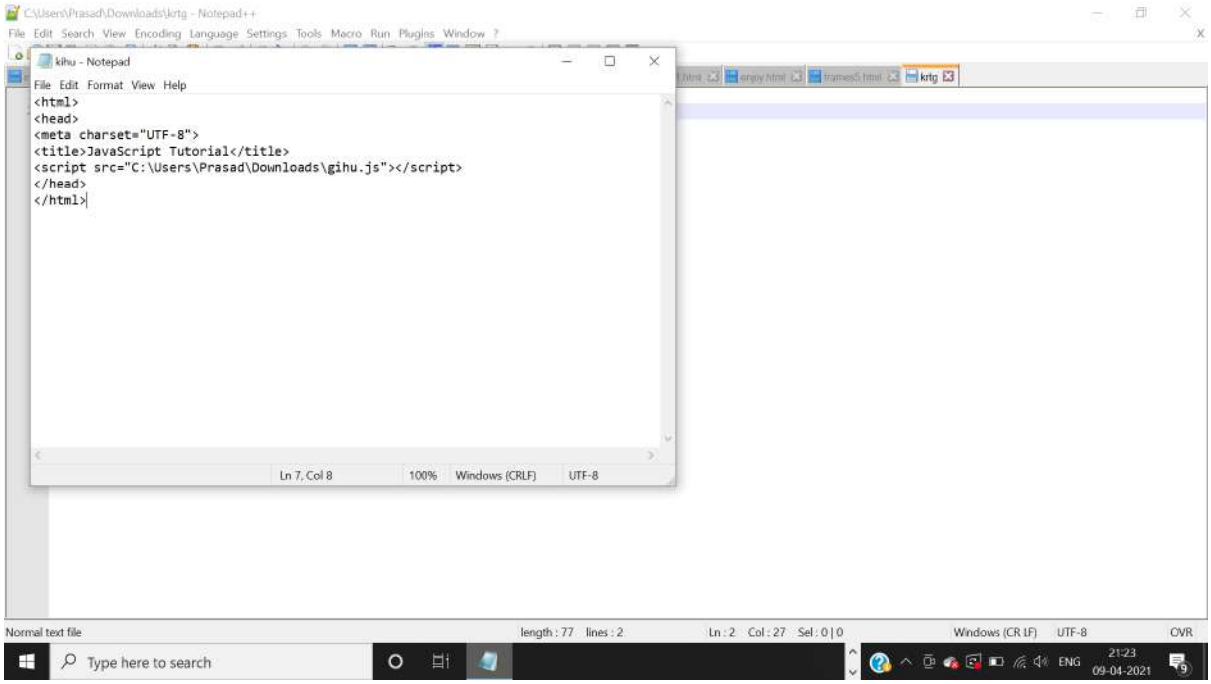
10. Working with JavaScript basics

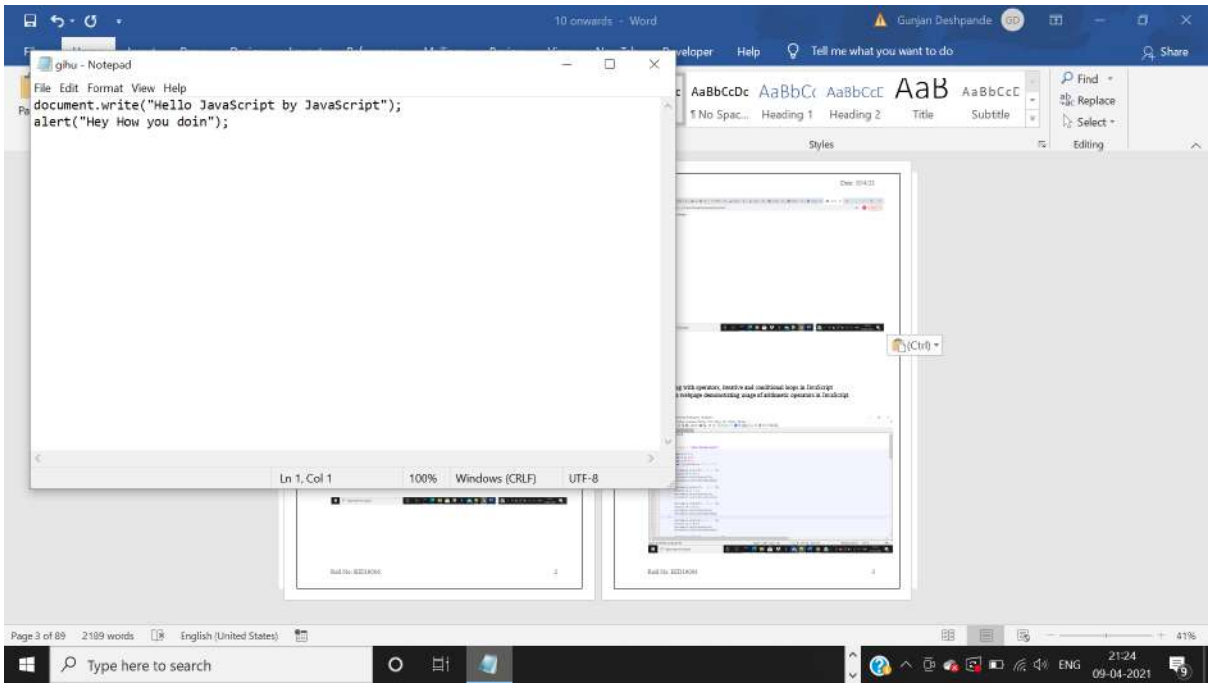
1. Write a simple program using internal JavaScript to display a message on the screen.

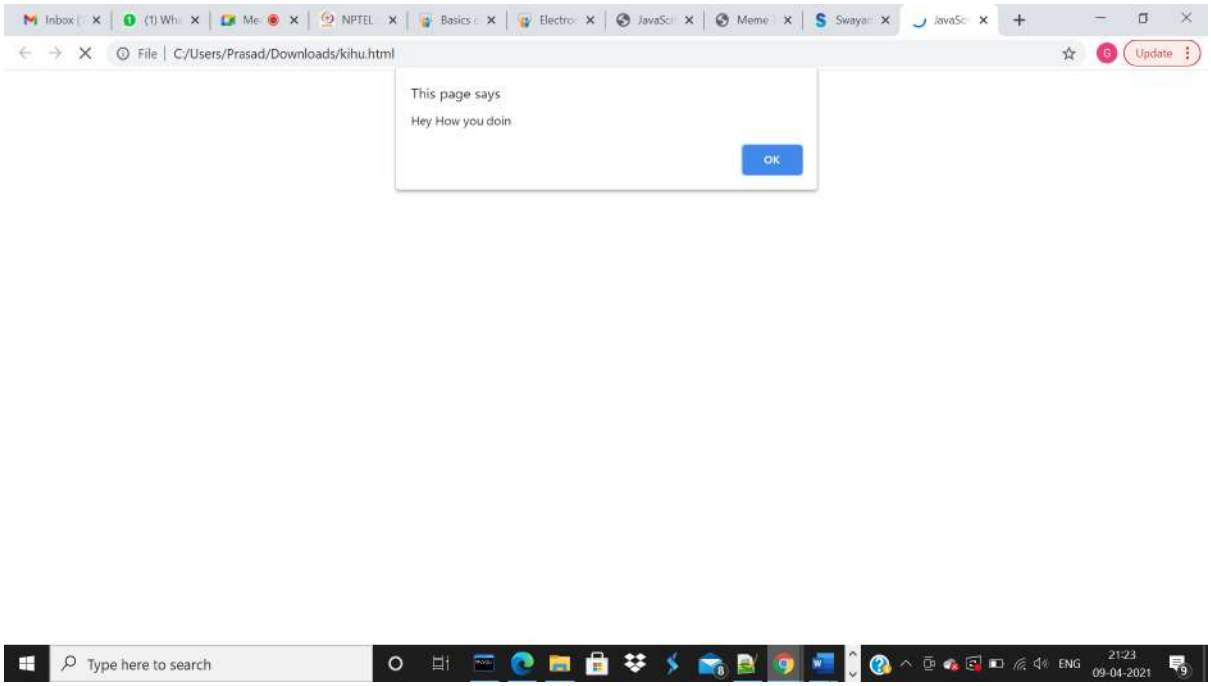


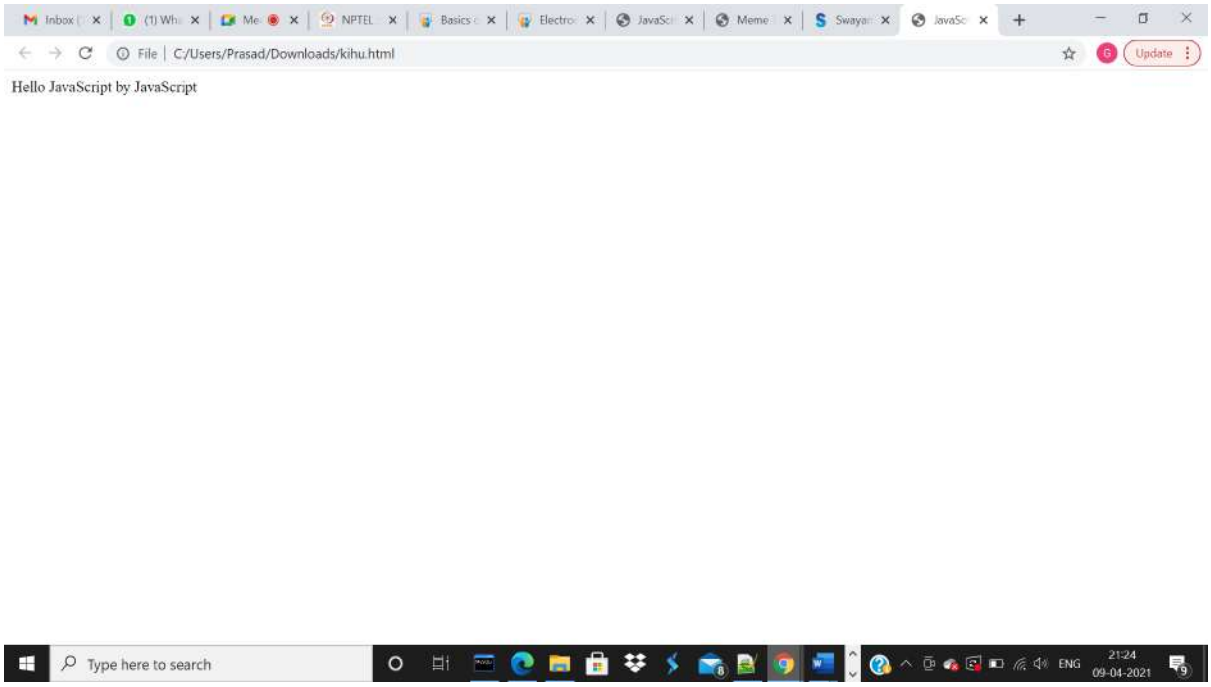


2. Write a simple program using external JavaScript to display a message on the screen.



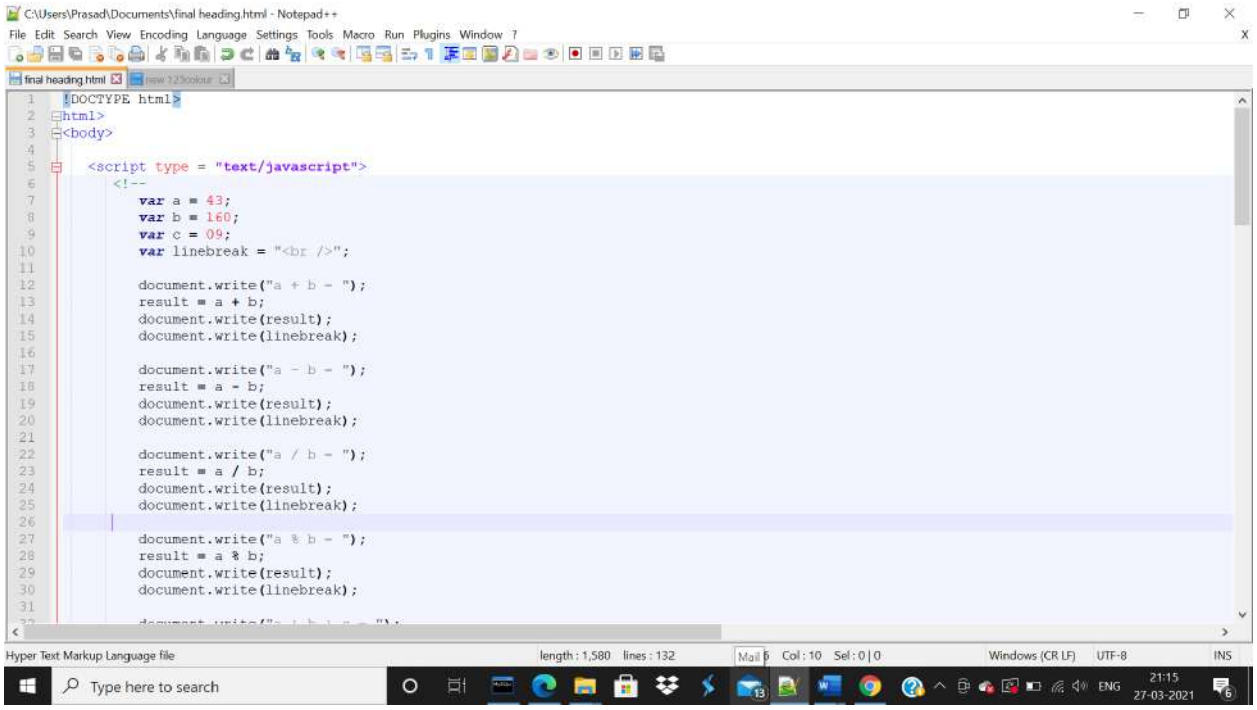


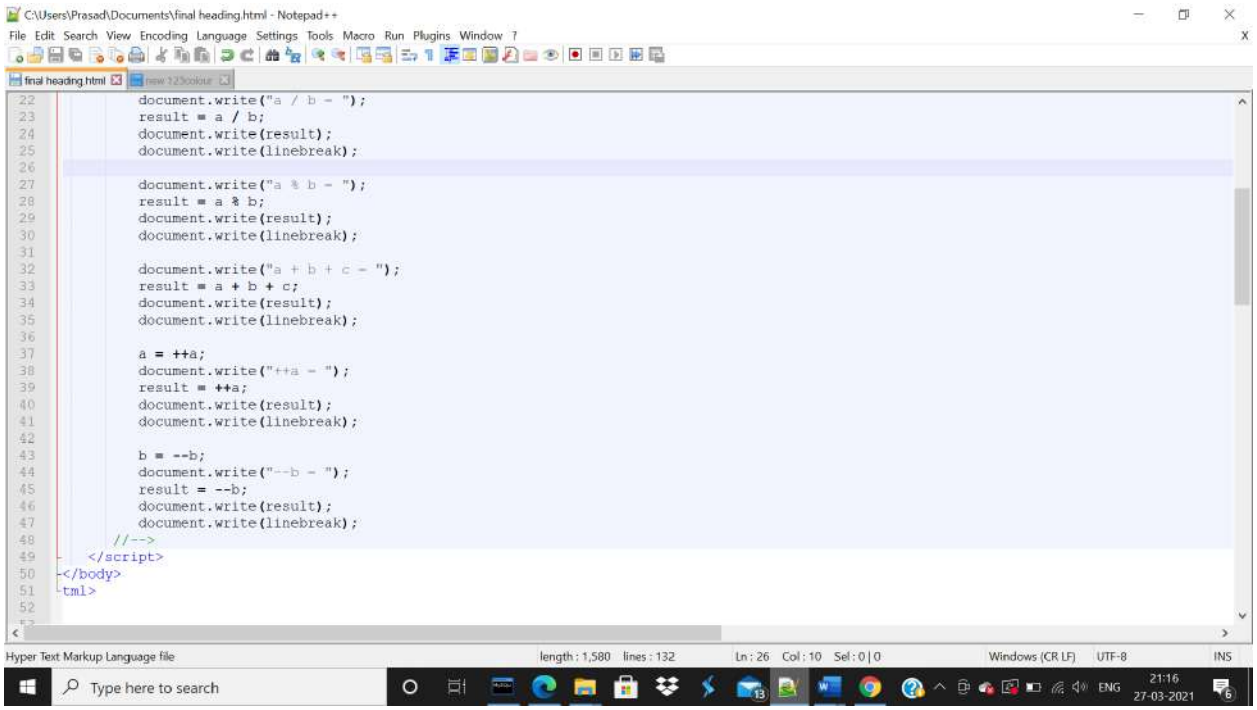

File | C:/Users/Prasad/Downloads/kihu.html
Update
This page says
Hey How you doin
OK
Type here to search
ENG
21:23
09-04-2021

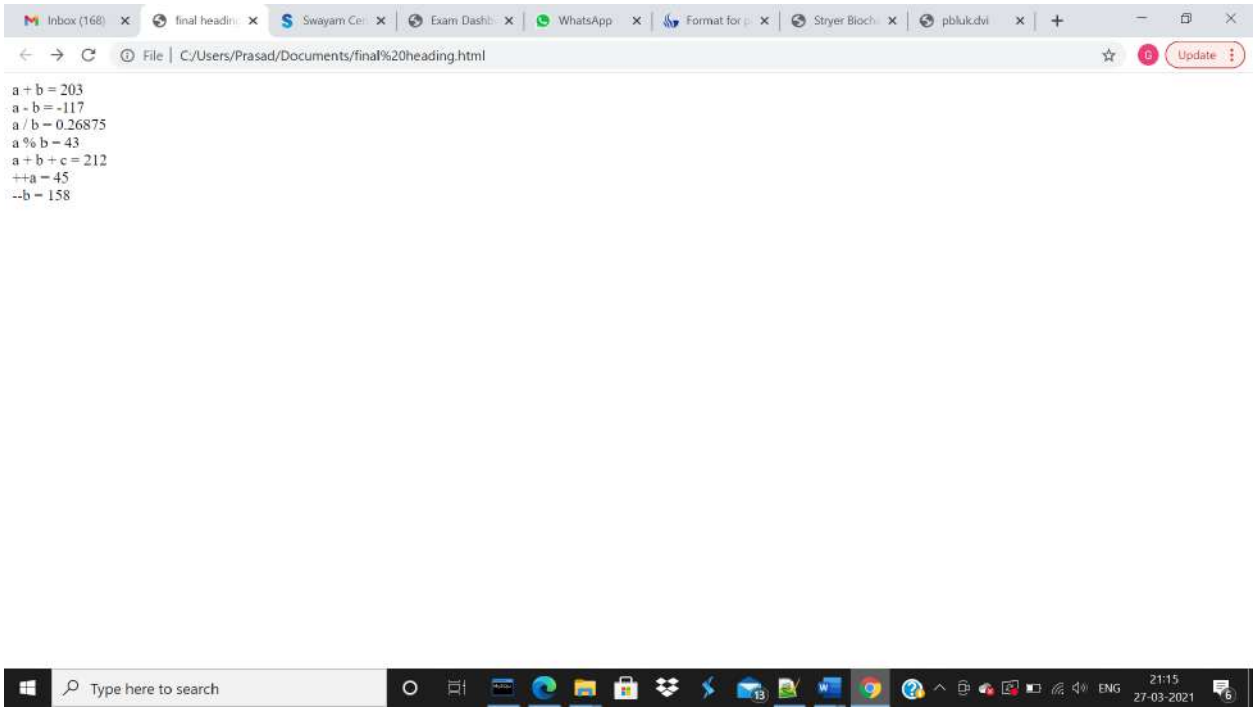

File | C:/Users/Prasad/Downloads/kihu.html
Update
Hello JavaScript by JavaScript
Type here to search
ENG
21:24
09-04-2021

11. Working with operators, iterative and conditional loops in JavaScript

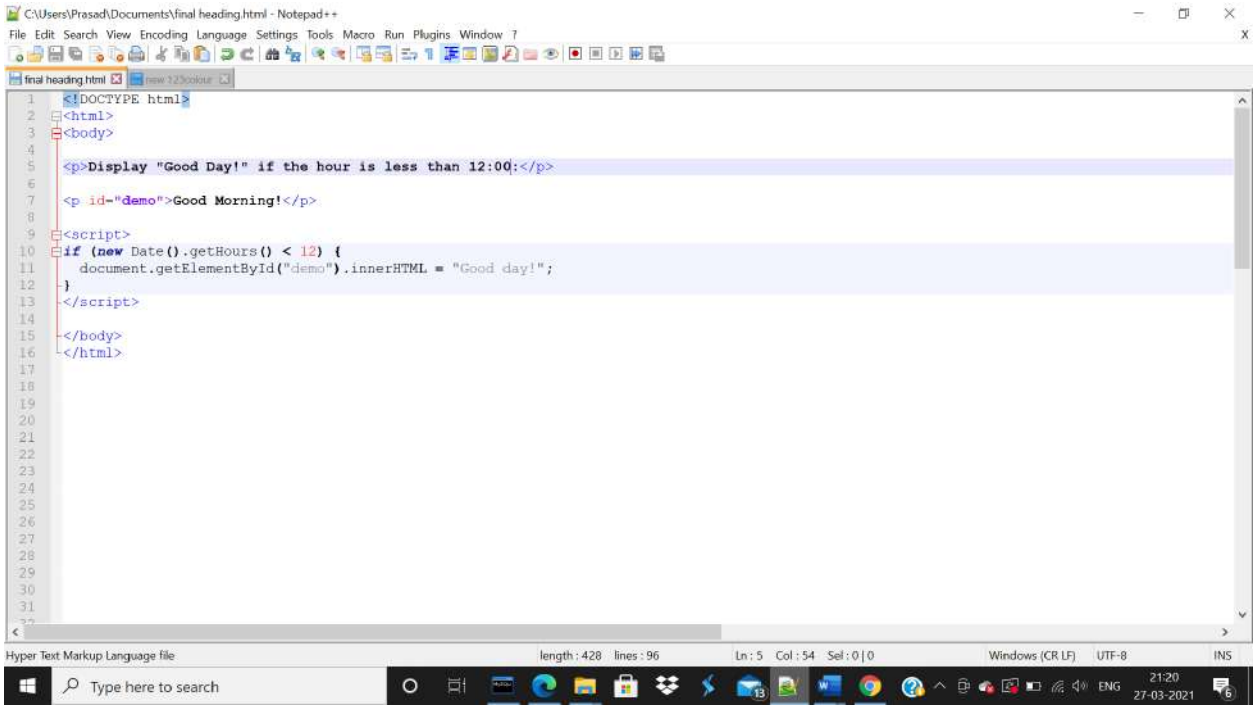
1. Create a webpage demonstrating usage of arithmetic operators in JavaScript.

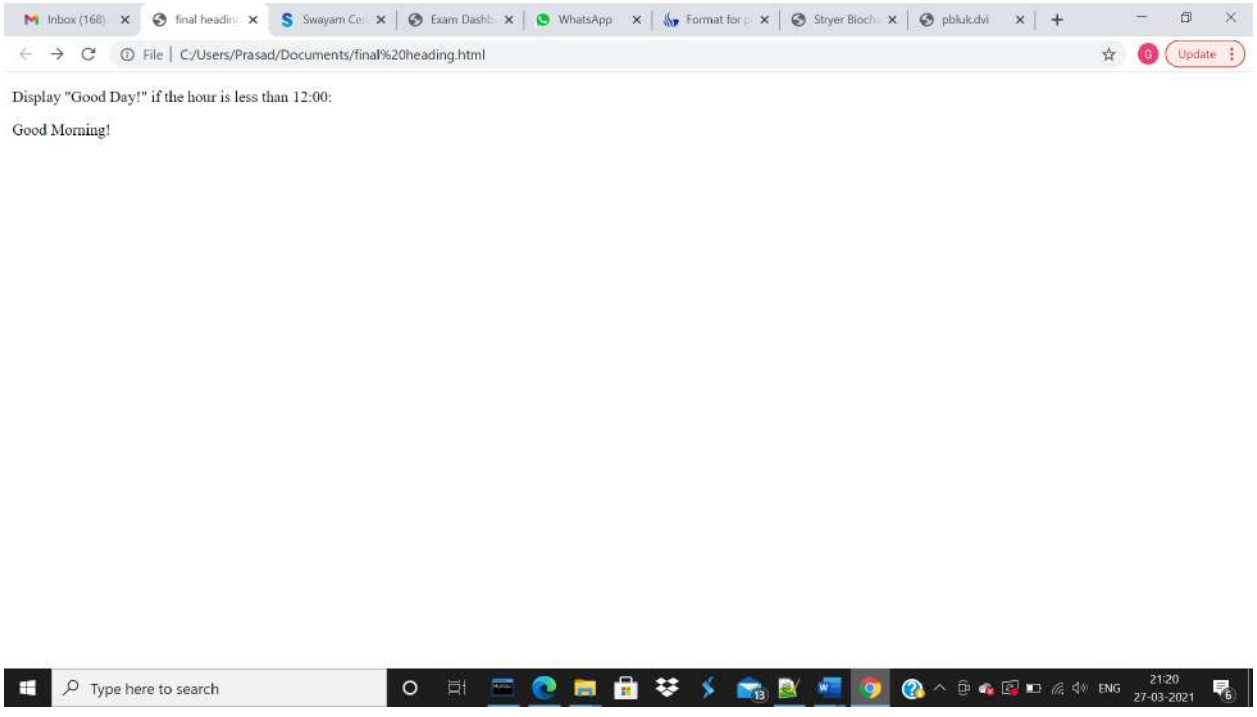




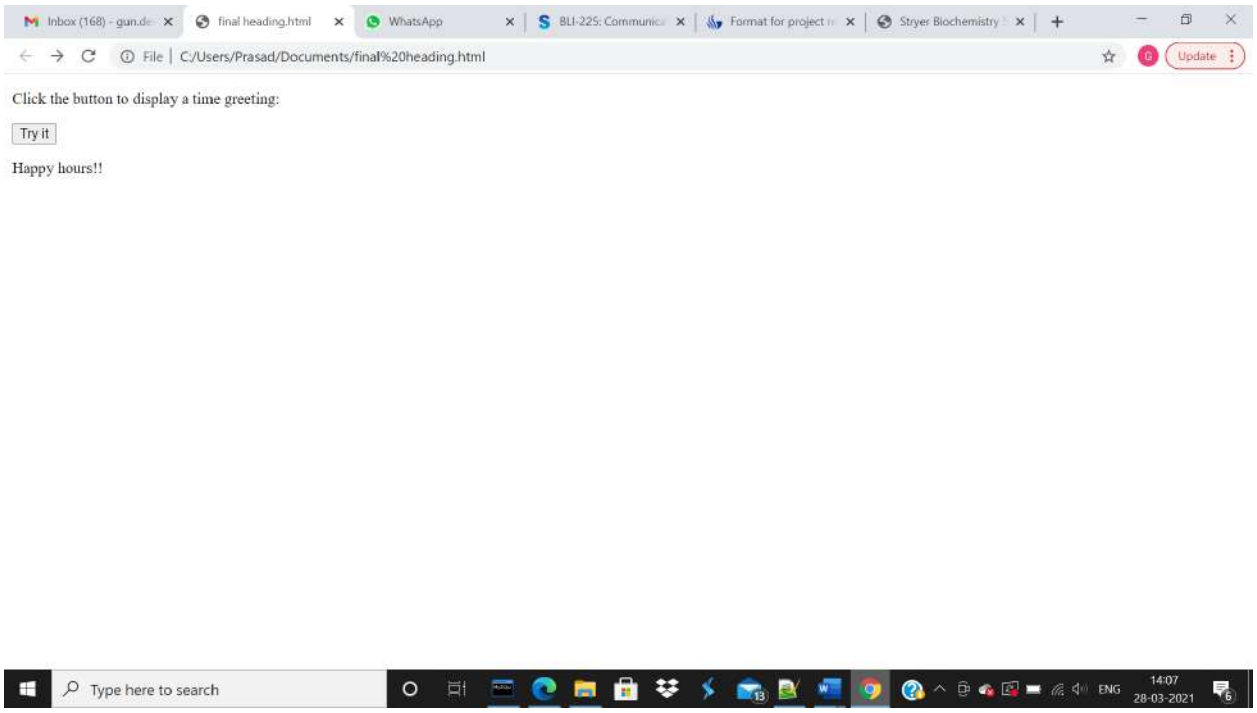

Inbox (168)
final heading
Swayam Cer
Exam Dashb
WhatsApp
Format for p
Stryer Bioch
pbluk.dvi
File | C:/Users/Prasad/Documents/final%20heading.html
Update
a + b = 203
a - b = -117
a / b = 0.26875
a % b = 43
a + b + c = 212
++a = 45
--b = 158
Type here to search
ENG
21:15
27-03-2021

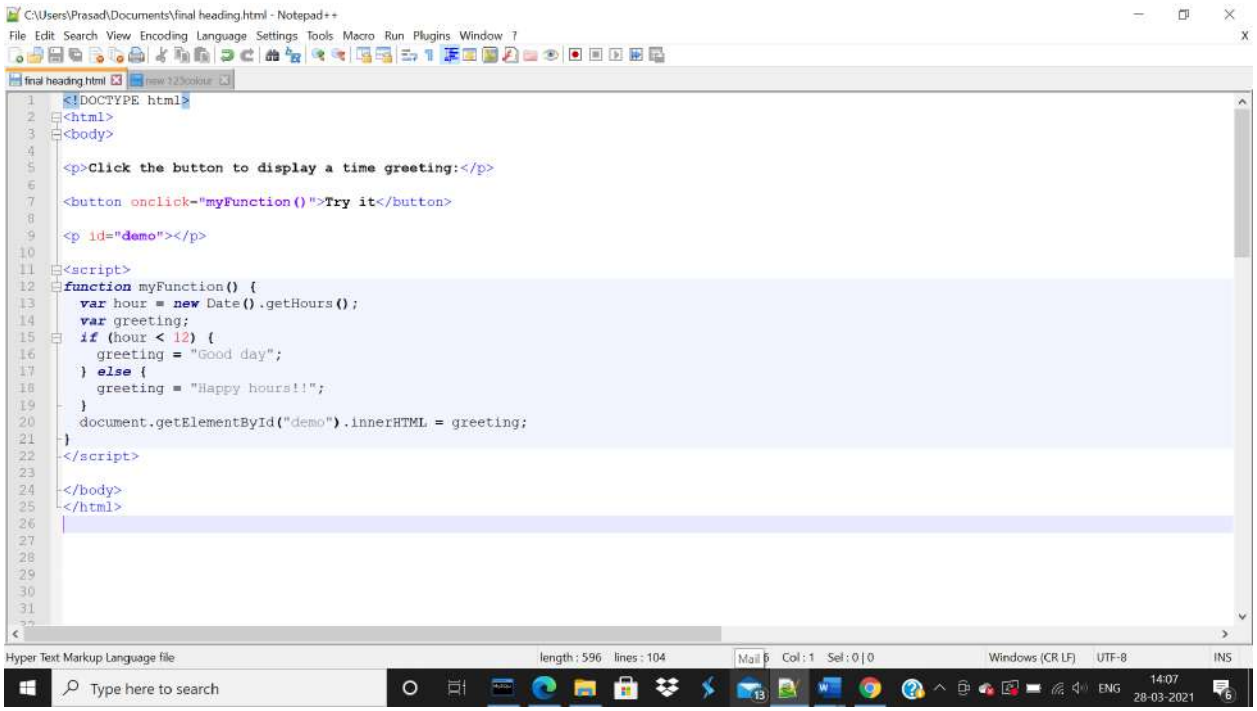
2. Create a webpage demonstrating usage of if statement in JavaScript



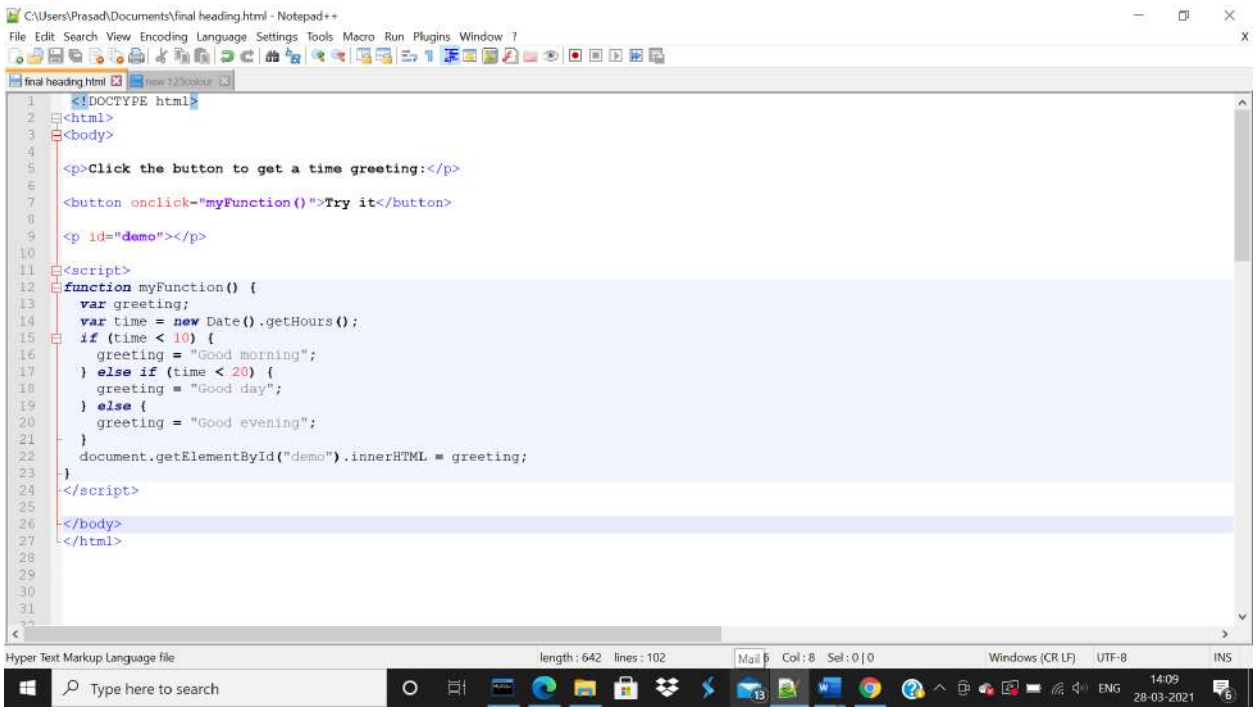


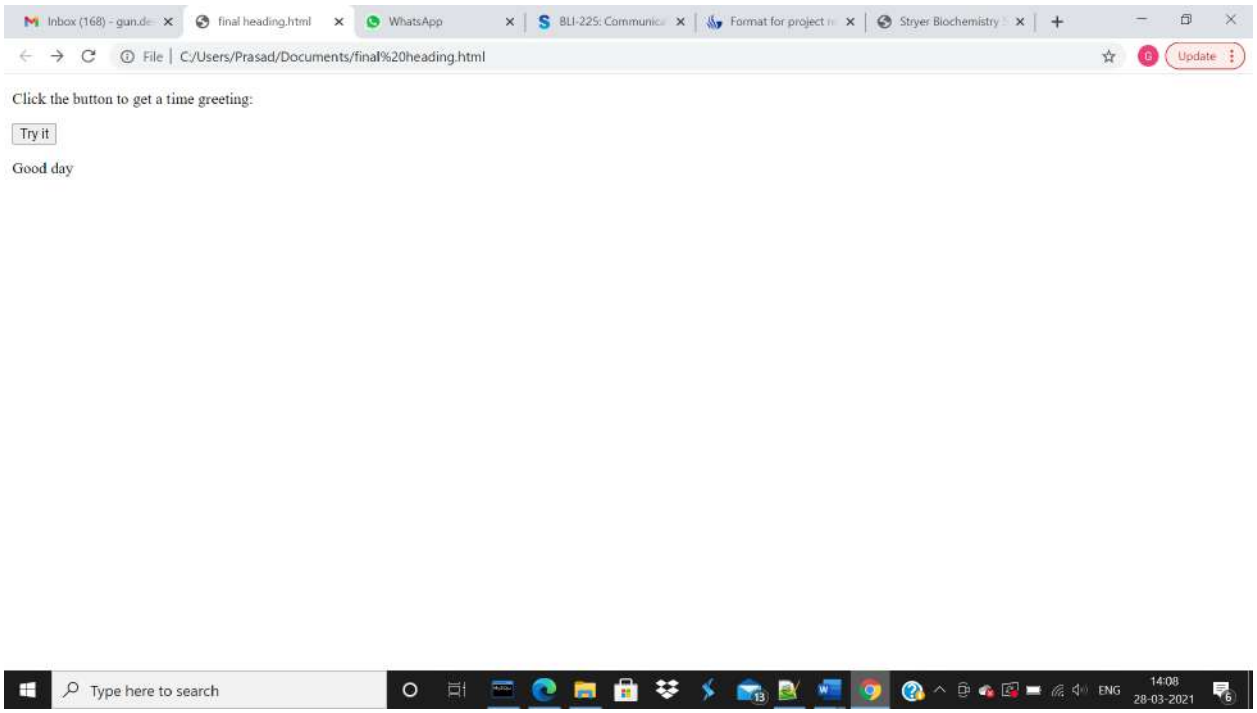
3. Create a webpage demonstrating usage of if…else statement in JavaScript



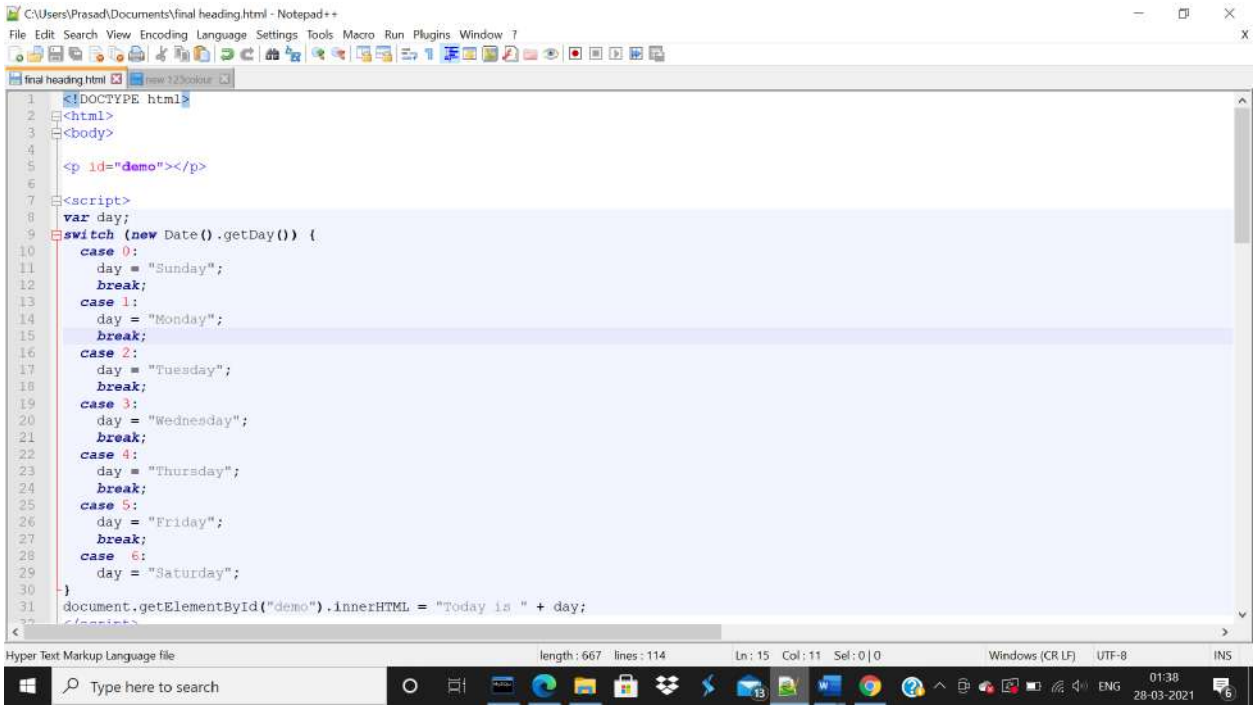


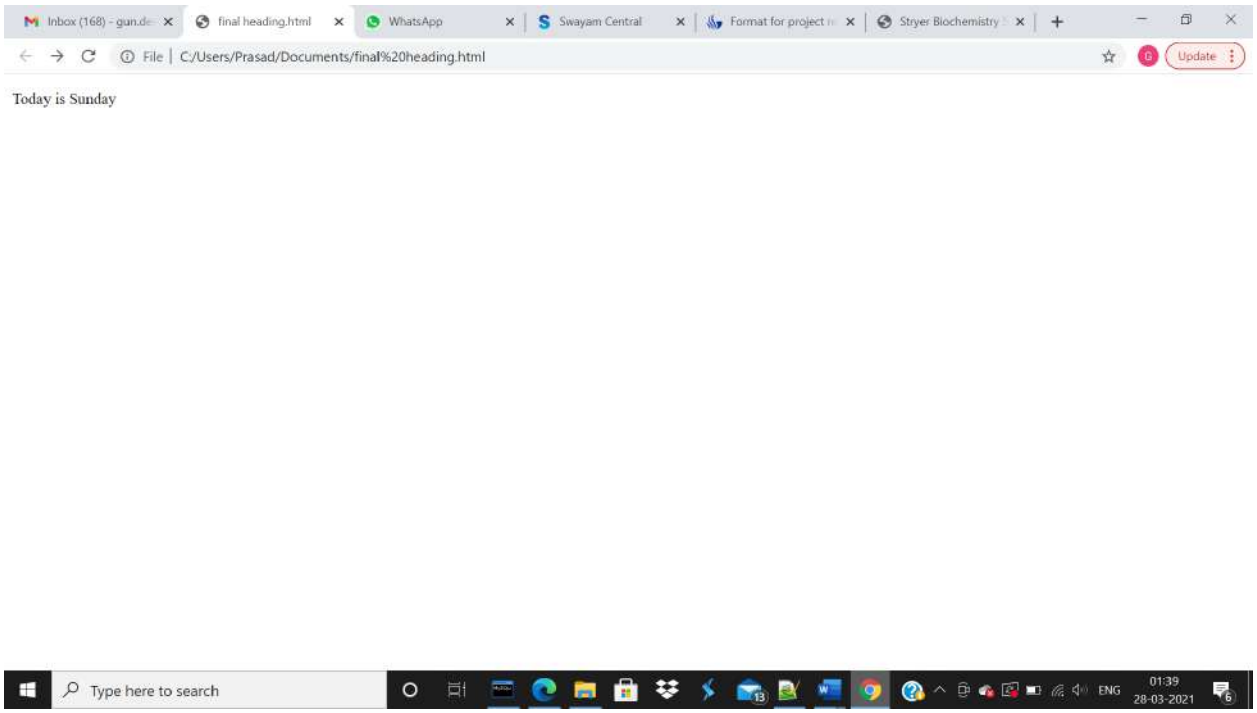
4. Create a webpage demonstrating usage of if… else if statement in JavaScript





5. Create a webpage demonstrating use of switch in JavaScript



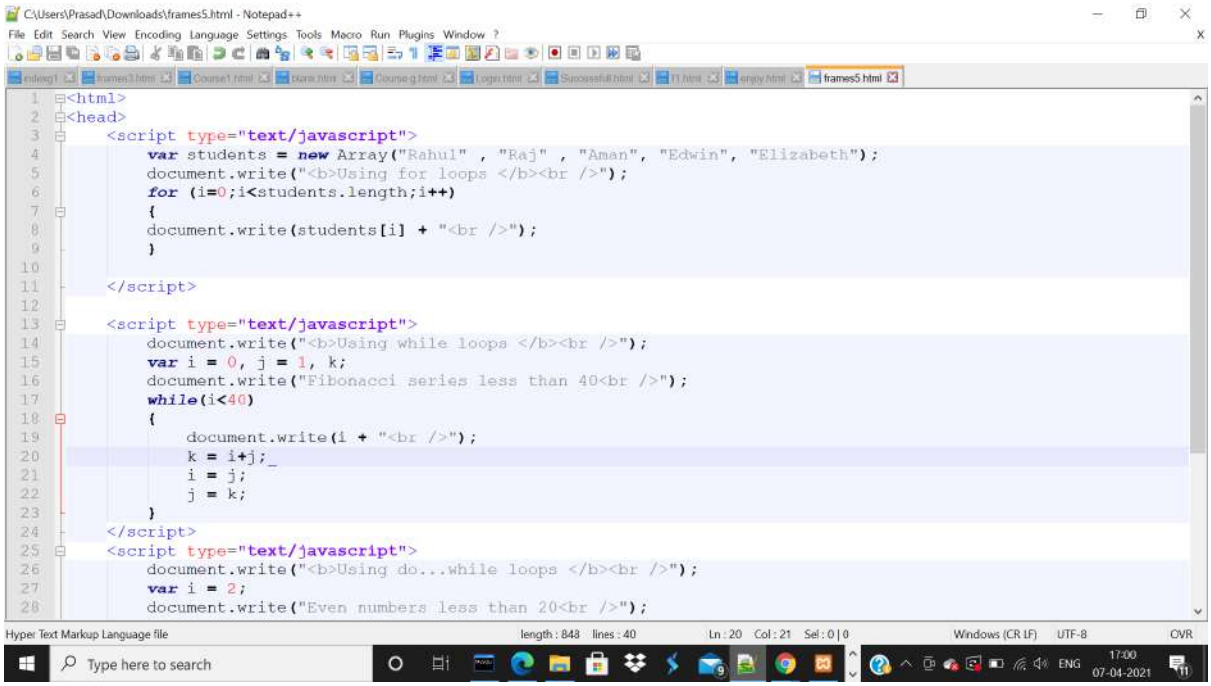


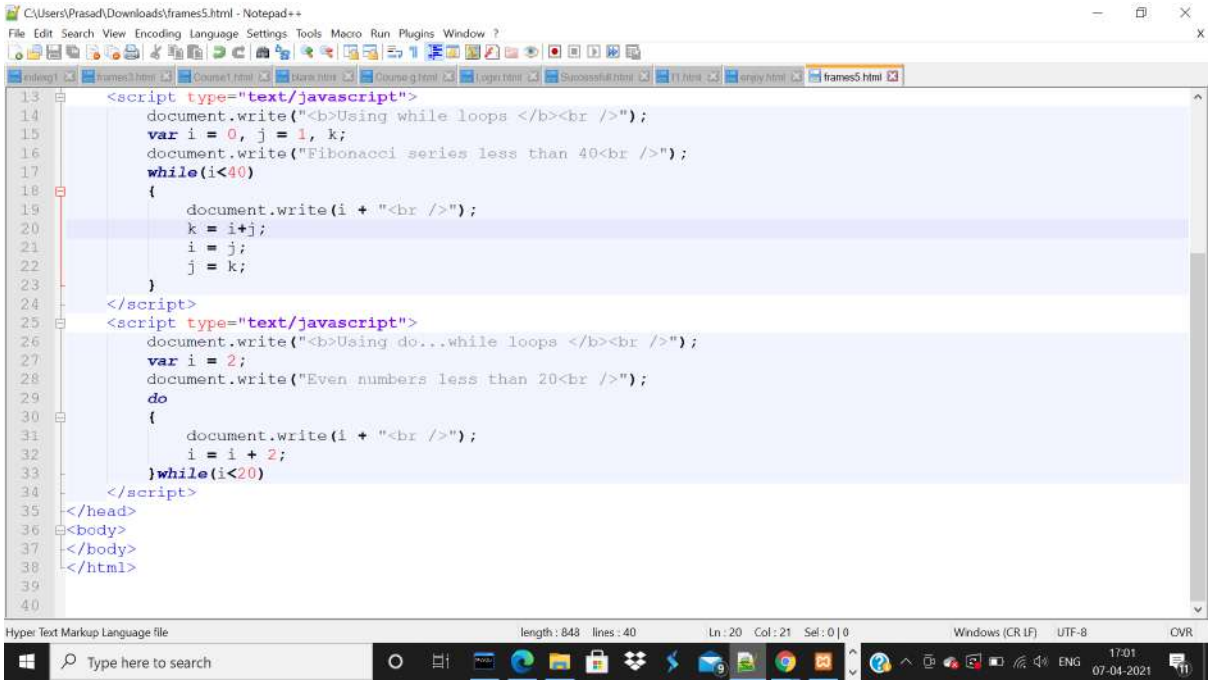
6. Create a webpage demonstrating use of
   i. while loop in JavaScript
   ii. do..while loop in JavaScript
   iii. for loop
   iv. For in loop

Code:

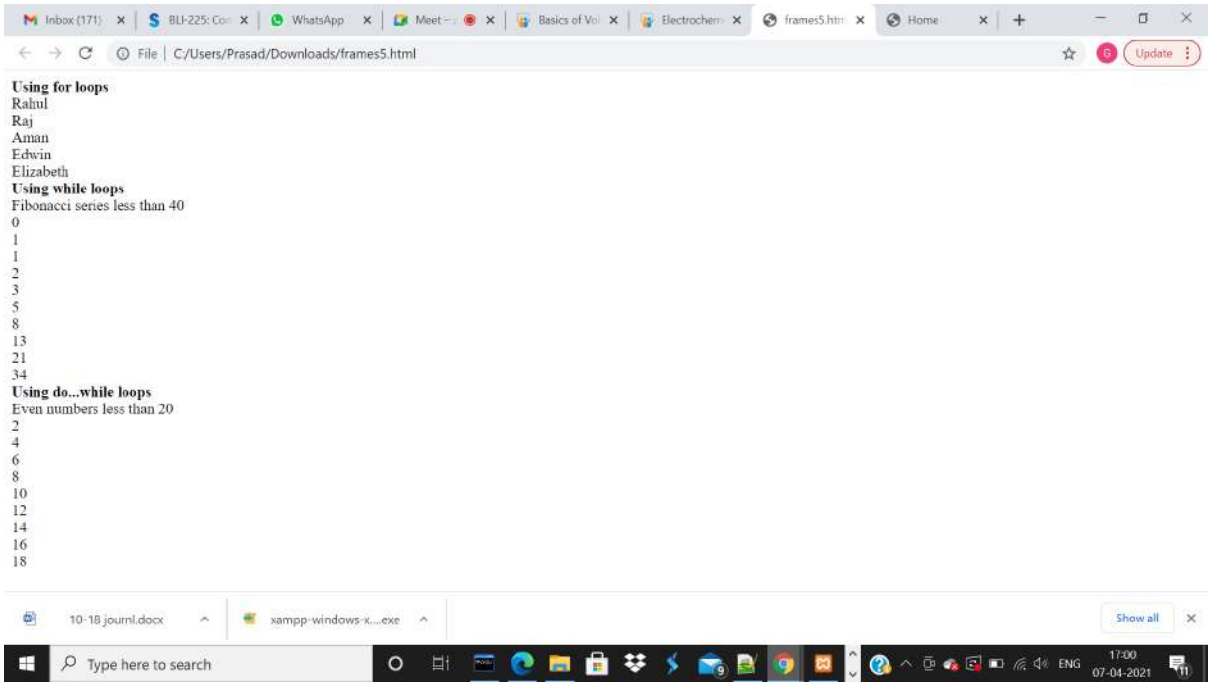
```
<html>
<head>
    <script type="text/javascript">
        var students = new Array("Rahul" , "Raj" , "Aman", "Edwin",
"Elizabeth");
        document.write("<b>Using for loops </b><br />");
        for (i=0;i<students.length;i++)
        {
        document.write(students[i] + "<br />");
        }
    </script>
    <script type="text/javascript">
        document.write("<b>Using while loops </b><br />");
        var i = 0, j = 1, k;
        document.write("Fibonacci series less than 40<br />");
        while(i<40)
        {
            document.write(i + "<br />");
            k = i+j;
            i = j;
            j = k;
        }
    </script>
    <script type="text/javascript">
        document.write("<b>Using do...while loops </b><br />");
        var i = 2;
```

```
                document.write("Even numbers less than 20<br />");
                do
                {
                        document.write(i + "<br />");
                        i = i + 2;
                }while(i<20)
        </script>
</head>
<body>
</body>
</html>
```





```
    <script type="text/javascript">
        document.write("<b>Using while loops </b><br />");
        var i = 0, j = 1, k;
        document.write("Fibonacci series less than 40<br />");
        while(i<40)
        {
            document.write(i + "<br />");
            k = i+j;
            i = j;
            j = k;
        }
    </script>
    <script type="text/javascript">
        document.write("<b>Using do...while loops </b><br />");
        var i = 2;
        document.write("Even numbers less than 20<br />");
        do
        {
            document.write(i + "<br />");
            i = i + 2;
        }while(i<20)
    </script>
</head>
<body>
</body>
</html>
```

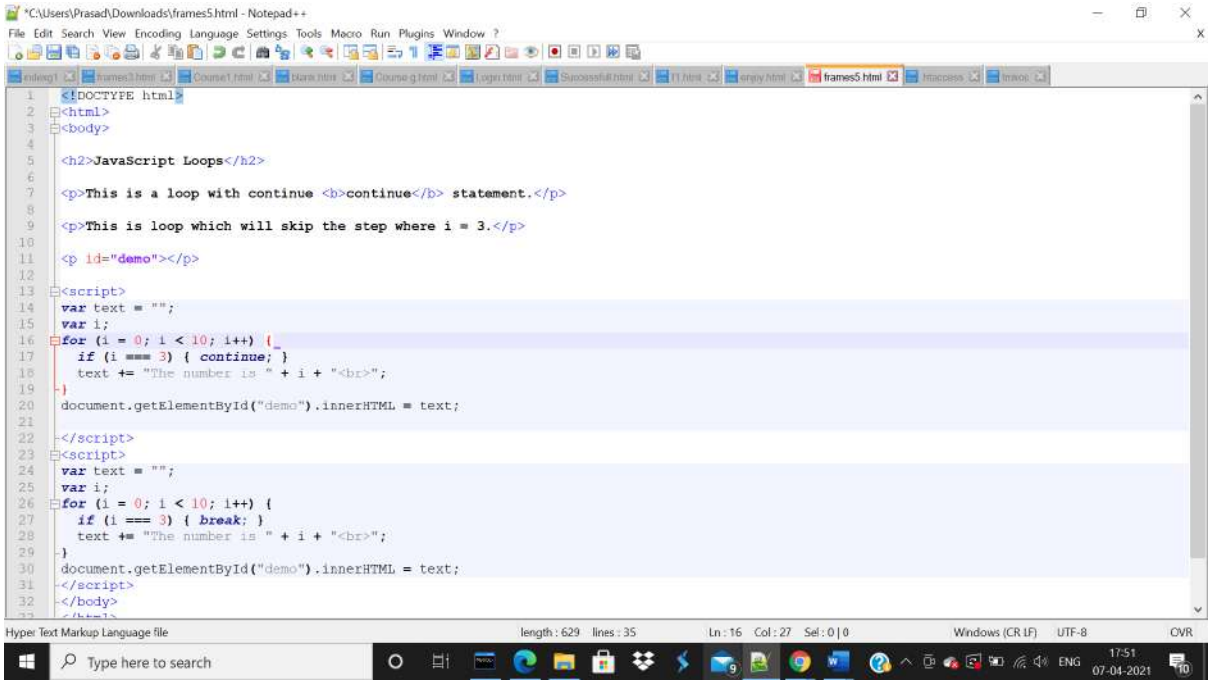


Using for loops
Rahul
Raj
Aman
Edwin
Elizabeth
Using while loops
Fibonacci series less than 40
0
1
1
2
3
5
8
13
21
34
Using do...while loops
Even numbers less than 20
2
4
6
8
10
12
14
16
18

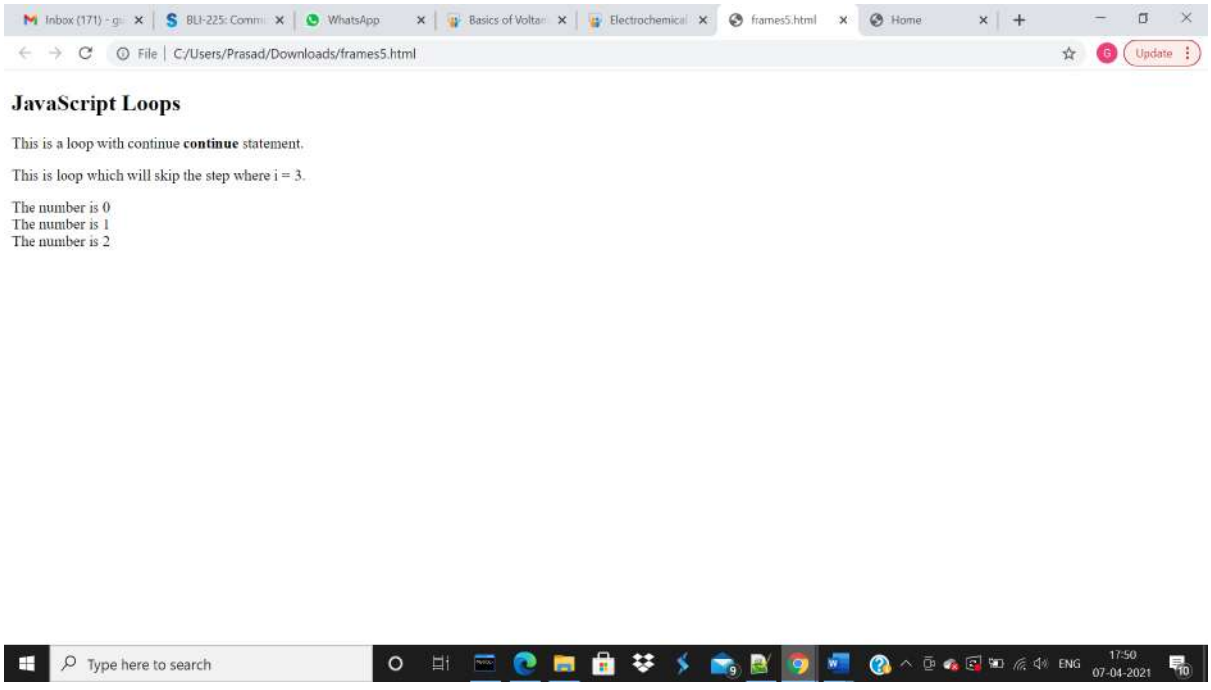
7. Create a webpage demonstrating use of control statements, break and continue.

Code:

```
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript Loops</h2>
<p>This is a loop with continue <b>continue</b> statement.</p>
<p>This is loop which will skip the step where i = 3.</p>
<p id="demo"></p>
<script>
var text = "";
var i;
for (i = 0; i < 10; i++) {
  if (i === 3) { continue; }
  text += "The number is " + i + "<br>";
}
document.getElementById("demo").innerHTML = text;
</script>
<script>
var text = "";
var i;
for (i = 0; i < 10; i++) {
  if (i === 3) { break; }
  text += "The number is " + i + "<br>";
}
document.getElementById("demo").innerHTML = text;
</script>
</body>
</html>
```



```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript Loops</h2>

<p>This is a loop with continue <b>continue</b> statement.</p>

<p>This is loop which will skip the step where i = 3.</p>

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

<script>
var text = "";
var i;
for (i = 0; i < 10; i++) {
  if (i === 3) { continue; }
  text += "The number is " + i + "<br>";
}
document.getElementById("demo").innerHTML = text;

</script>
<script>
var text = "";
var i;
for (i = 0; i < 10; i++) {
  if (i === 3) { break; }
  text += "The number is " + i + "<br>";
}
document.getElementById("demo").innerHTML = text;
</script>
</body>
```



JavaScript Loops

This is a loop with continue **continue** statement.

This is loop which will skip the step where i = 3.

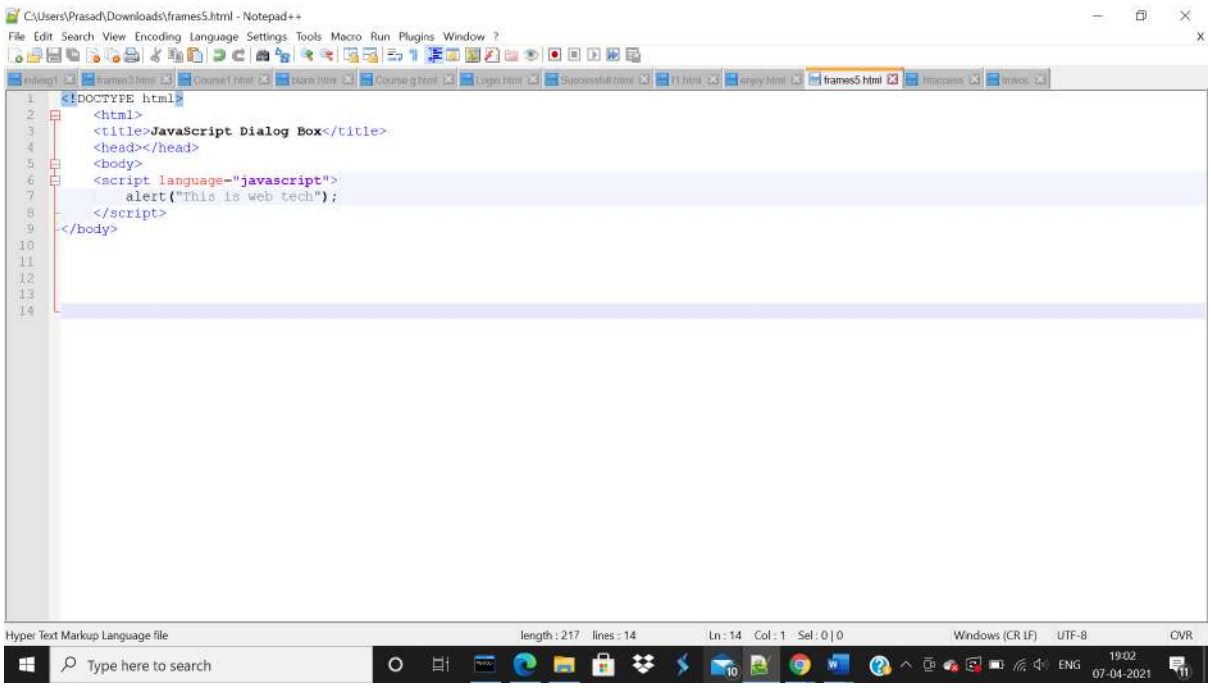
The number is 0
The number is 1
The number is 2

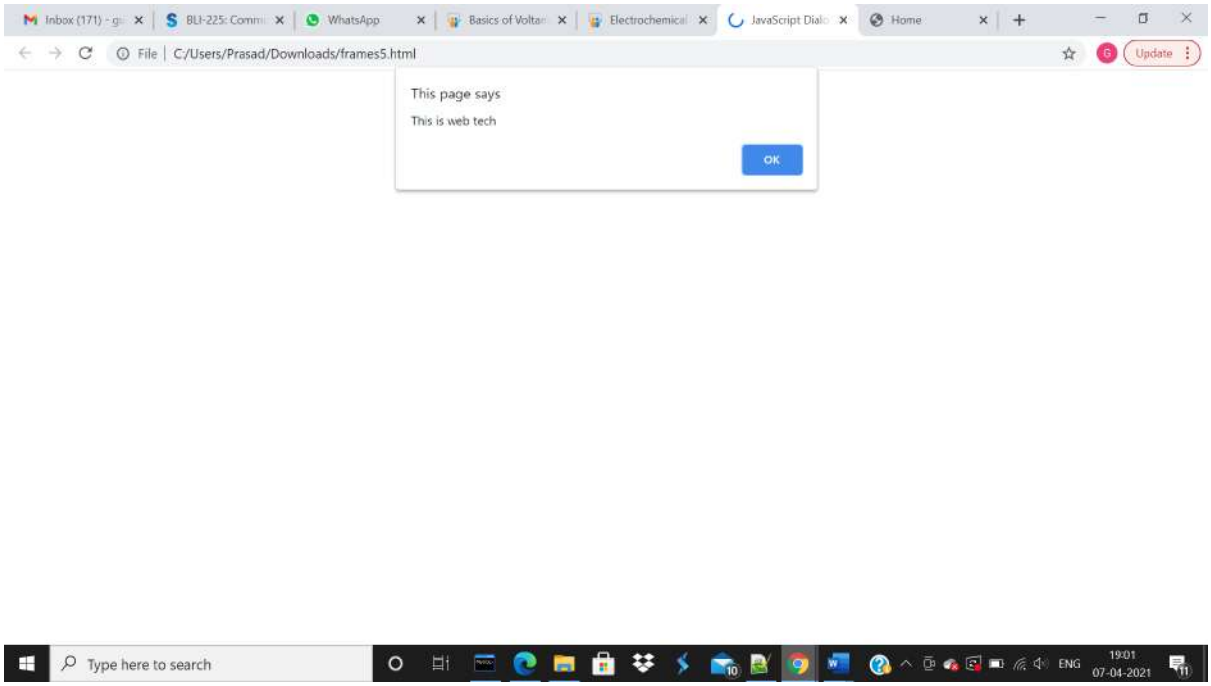
12. Working with JavaScript pop-up boxes

1. Create a webpage highlighting a proper scenario of using a dialogue box.

Code:

```
<!DOCTYPE html>
    <html>
    <title>JavaScript Dialog Box</title>
    <head></head>
    <body>
    <script language="javascript">
       alert("This is web tech");
    </script>
</body>
```

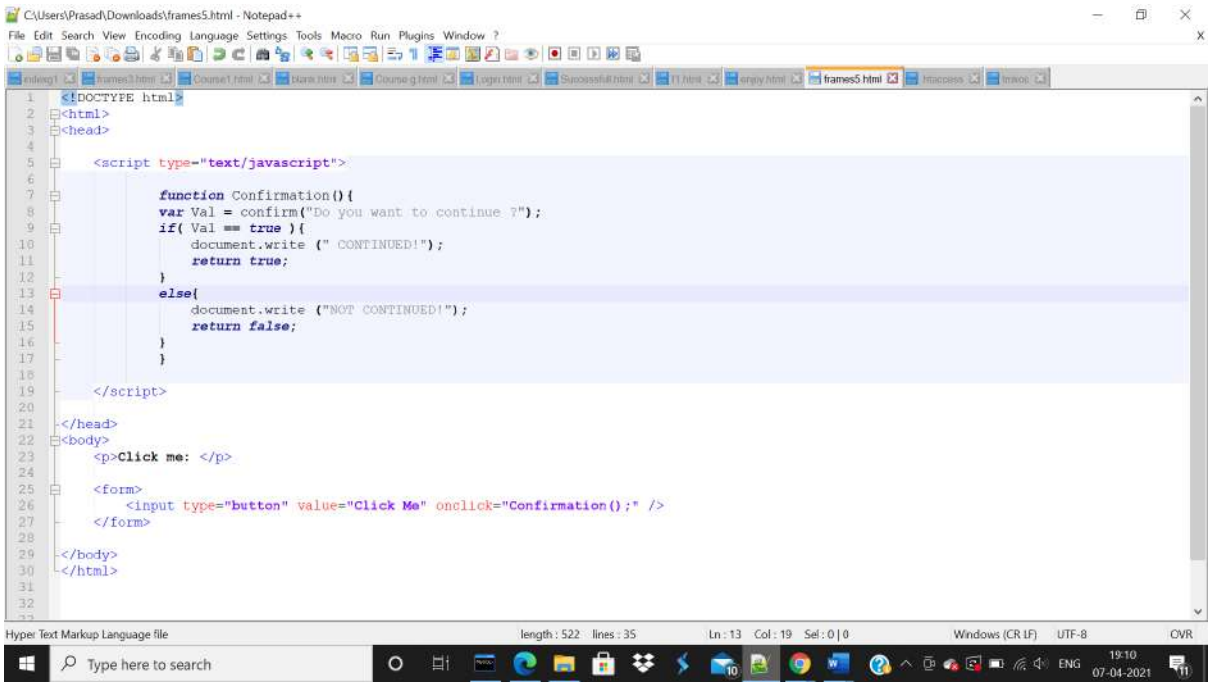



Inbox (171) - g
BLI-225: Comm
WhatsApp
Basics of Voltar
Electrochemical
JavaScript Dialo
Home
File | C:/Users/Prasad/Downloads/frames5.html
Update
This page says
This is web tech
OK
Type here to search
ENG
19:01
07-04-2021

2. Create a webpage highlighting a proper scenario of using a confirm box.

Code:

```
<!DOCTYPE html>
<html>
<head>
    <script type="text/javascript">
                    function Confirmation(){
                    var Val = confirm("Do you want to continue ?");
                    if( Val == true ){
                            document.write (" CONTINUED!");
                            return true;
                    }
                    else{
                            document.write ("NOT CONTINUED!");
                            return false;
                    }
                    }
    </script>
</head>
<body>
    <p>Click me: </p>
    <form>
            <input type="button" value="Click Me" onclick="Confirmation();" />
    </form>
</body>
</html>
```



```
<!DOCTYPE html>
<html>
<head>

    <script type="text/javascript">

            function Confirmation(){
            var Val = confirm("Do you want to continue ?");
            if( Val == true ){
                document.write (" CONTINUED!");
                return true;
            }
            else{
                document.write ("NOT CONTINUED!");
                return false;
            }
            }

    </script>

</head>
<body>
    <p>Click me: </p>

    <form>
        <input type="button" value="Click Me" onclick="Confirmation();" />
    </form>

</body>
</html>
```