

- Without parameter, with return value

```

<html>

<body>

<h1> Welcome! </h1>

<p>This is my first para example</p>

<body>

<script type="text/javascript"> function display()
{
var a= window.prompt("enter first value", "0"); var b=window.prompt ("enter secondvalue",
"0"); var prod = a * b;

return prod;
}

var product = display ();

window.alert ("the product is => " + product);

</script>

<h2> End </h2>

</body>

</html>

```

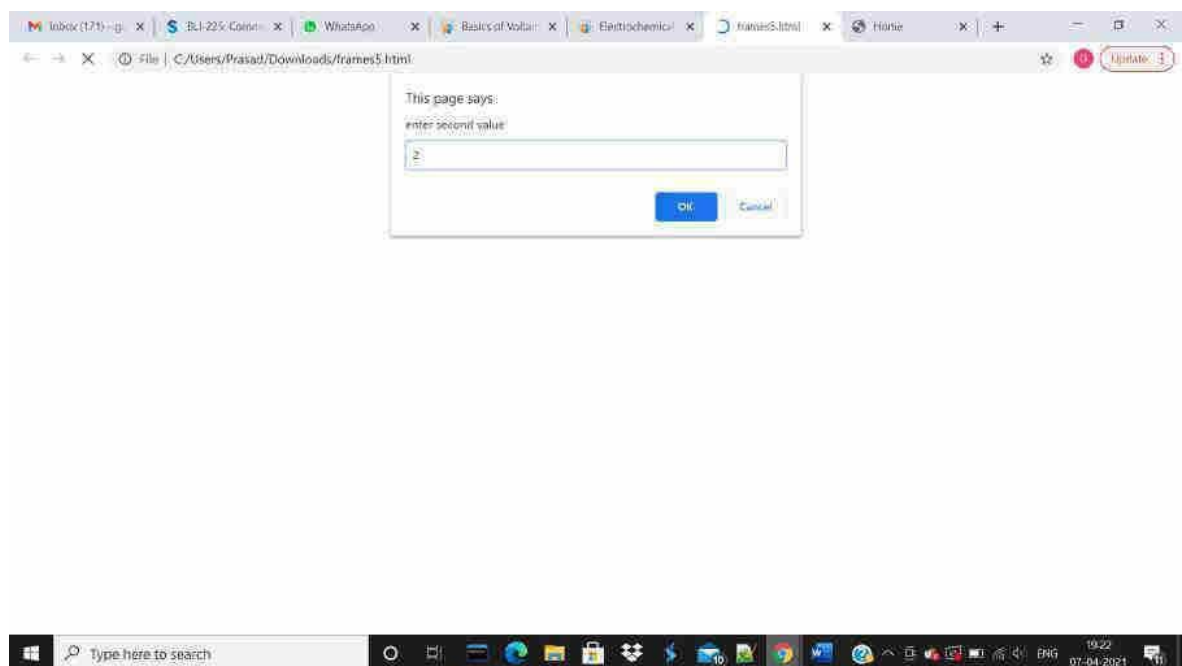
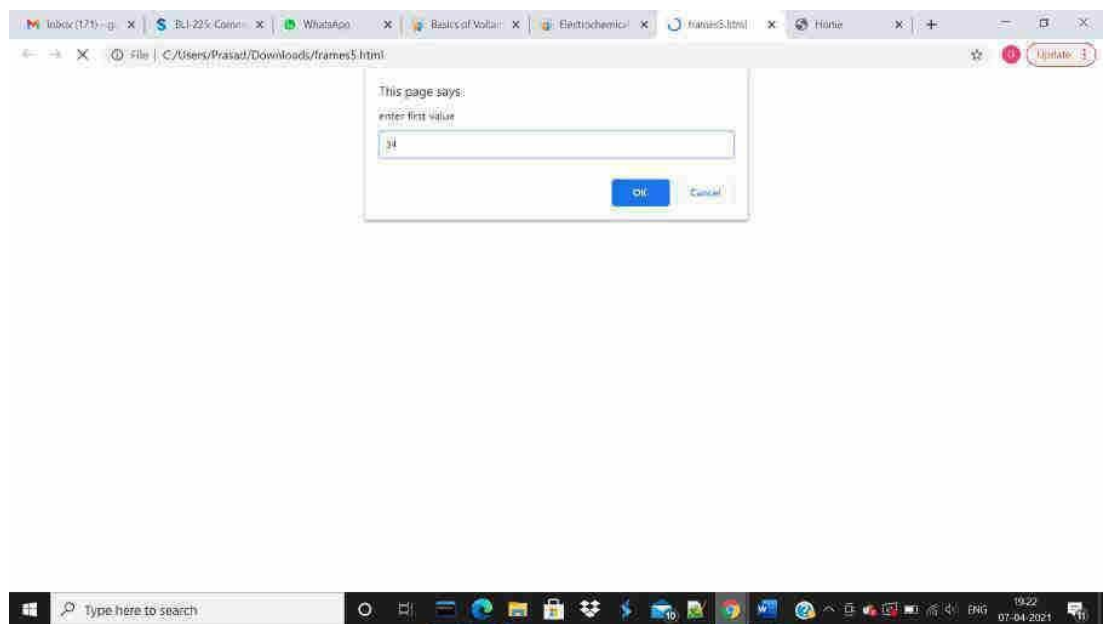
The screenshot shows a Notepad++ window with the following code:

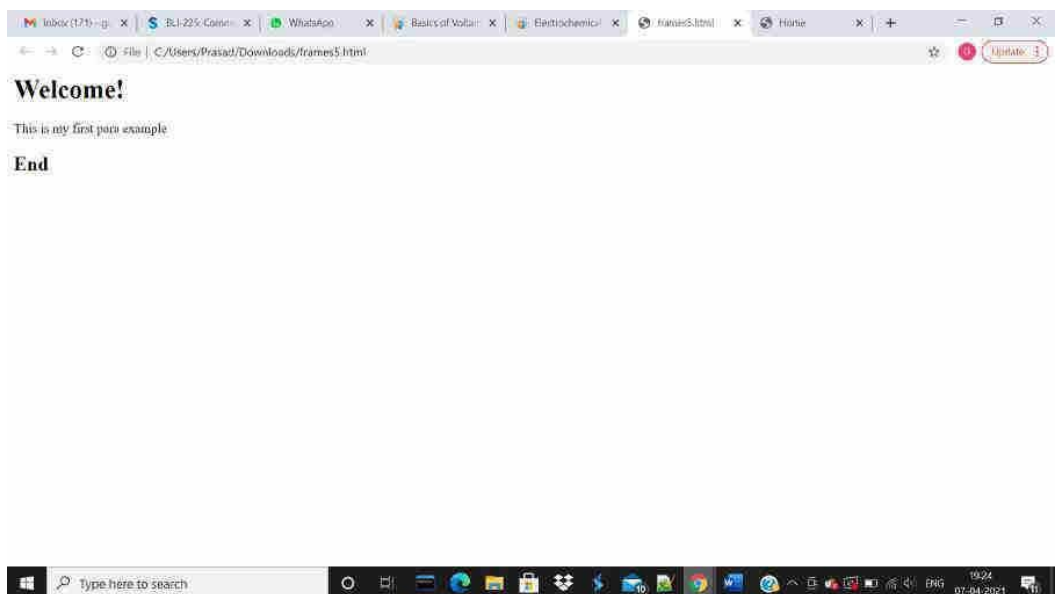
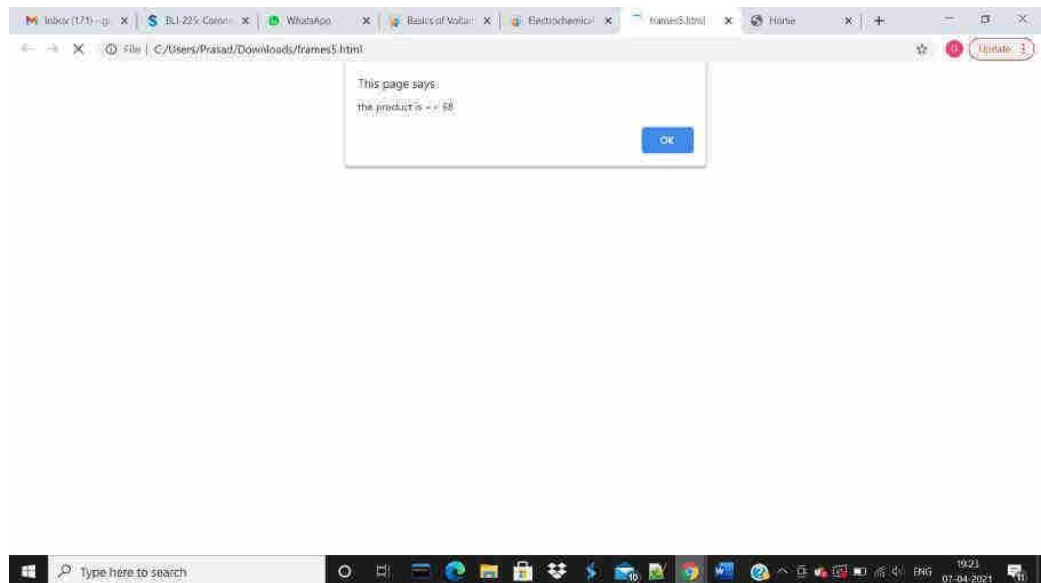
```

1 <html>
2 <body>
3 <h1> Welcome! </h1>
4 <p>This is my first para example</p>
5 <body>
6 <script type="text/javascript"> function display()
7 {
8   var a= window.prompt("enter first value", "0"); var b=window.prompt ("enter secondvalue",
9   "0"); var prod = a * b;
10  return prod;
11 }
12 var product = display ();
13 window.alert ("the product is => " + product);
14 </script>
15 <h2> End </h2>
16 </body>
17 </html>

```

The status bar at the bottom indicates: length: 397 lines: 20. The taskbar at the very bottom shows the date and time as 07-04-2021 19:21.





2. Create a webpage to calculate perimeter of any 3 geometric shapes(make use of html forms and dialogue box)

Code:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

Area AND Perimeter

```
</head>
```

```
<body>
```

```
<h2>
```

Welcome !

```
</h2>
```

```
<p> The Triangle Square and Circle are of side is 20cm </p>
```

```
<p>
```

Press the button to get the area and perimeter of all the shapes.

```
</p>
```

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

```
<p id = "para1"></p>
```

```
<p id = "para2"></p>
```

```
<p id = "para3"></p>
```

```
<p id = "para4"></p>
```

```
<p id = "para5"></p>
```

```
<button onclick = "fun()"> CLICK </button>
```

```
<script> var r =
```

```
20;
```

```
function fun()
```

```
{
```

```
document.getElementById('para').innerHTML = 'The area of triangle with side 20cm is: '  
+ 0.432 *r * r ;
```

```
document.getElementById('para1').innerHTML = 'The perimeter of triangle with side20cm  
is: ' + 3 * r ;
```

```
document.getElementById('para2').innerHTML = 'The area of corcle with radius 20cm is:' +  
3.14 * r * r ;
```

```
document.getElementById('para3').innerHTML = 'The perimeter of circle with radius20cm  
is: ' + 2 * 3.14 * r ;
```

```
document.getElementById('para4').innerHTML = 'The area of Square with side 20cm is: '  
+ r * r ;
```

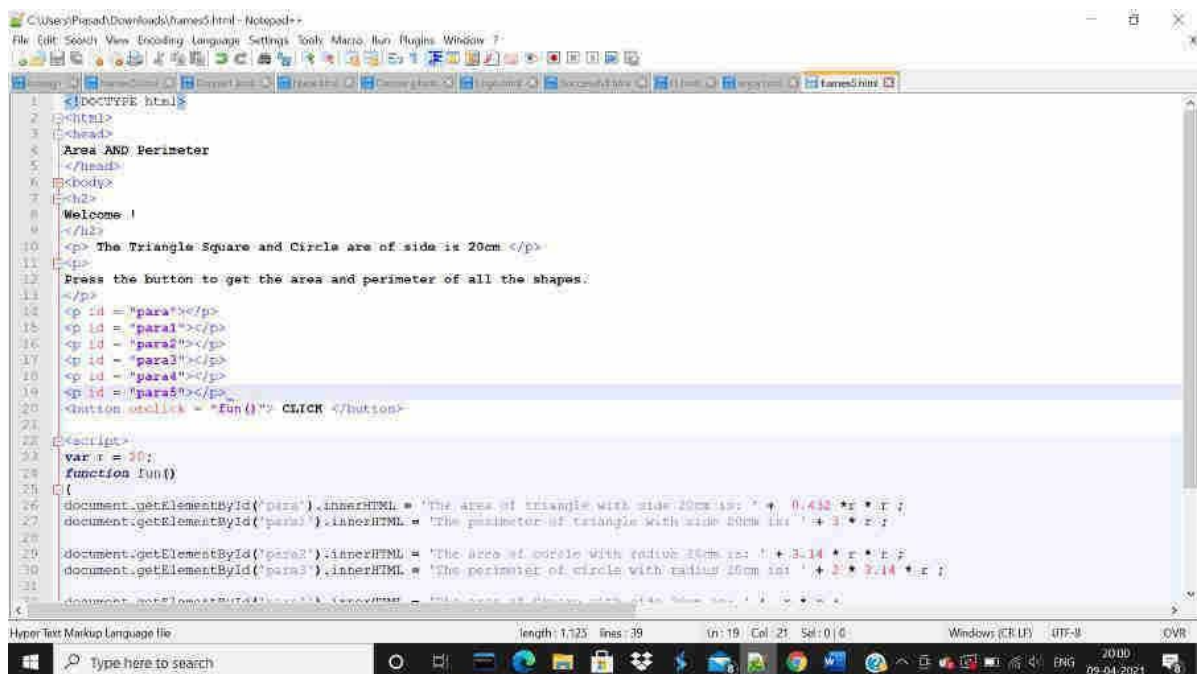
```
document.getElementById('para5').innerHTML = 'The perimeter of Square with side20cm  
is: ' + 4 * r ;
```

```
}
```

```
</script>
```

```
</body>
```

```
</html>
```

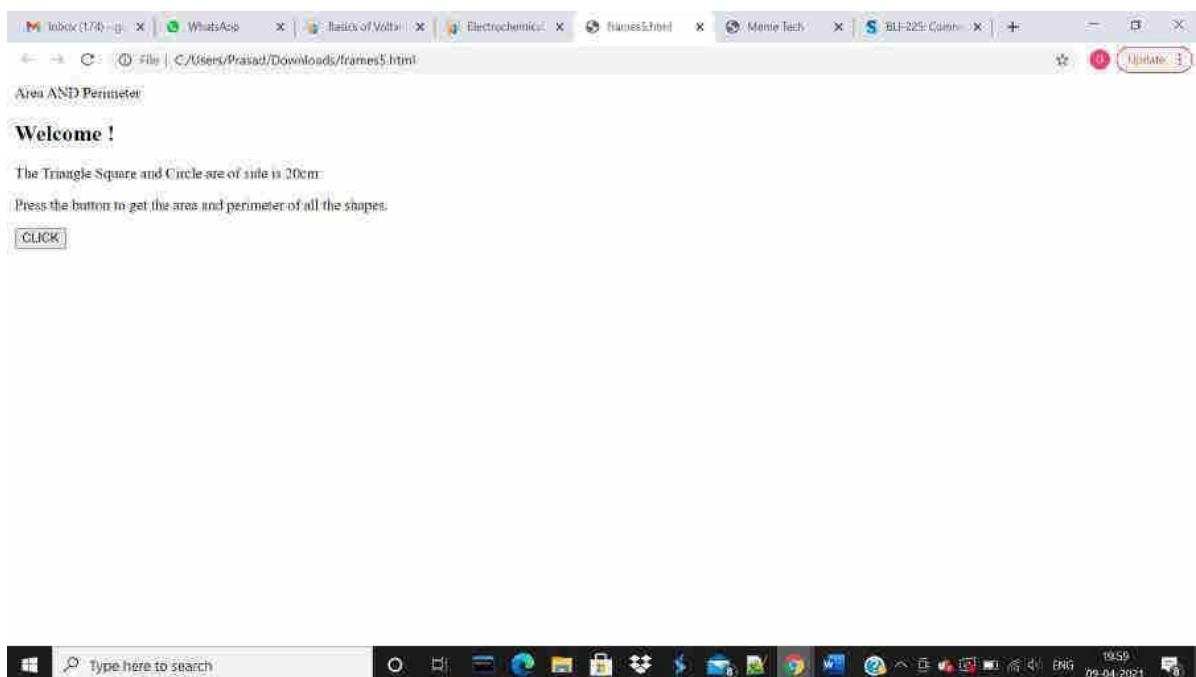


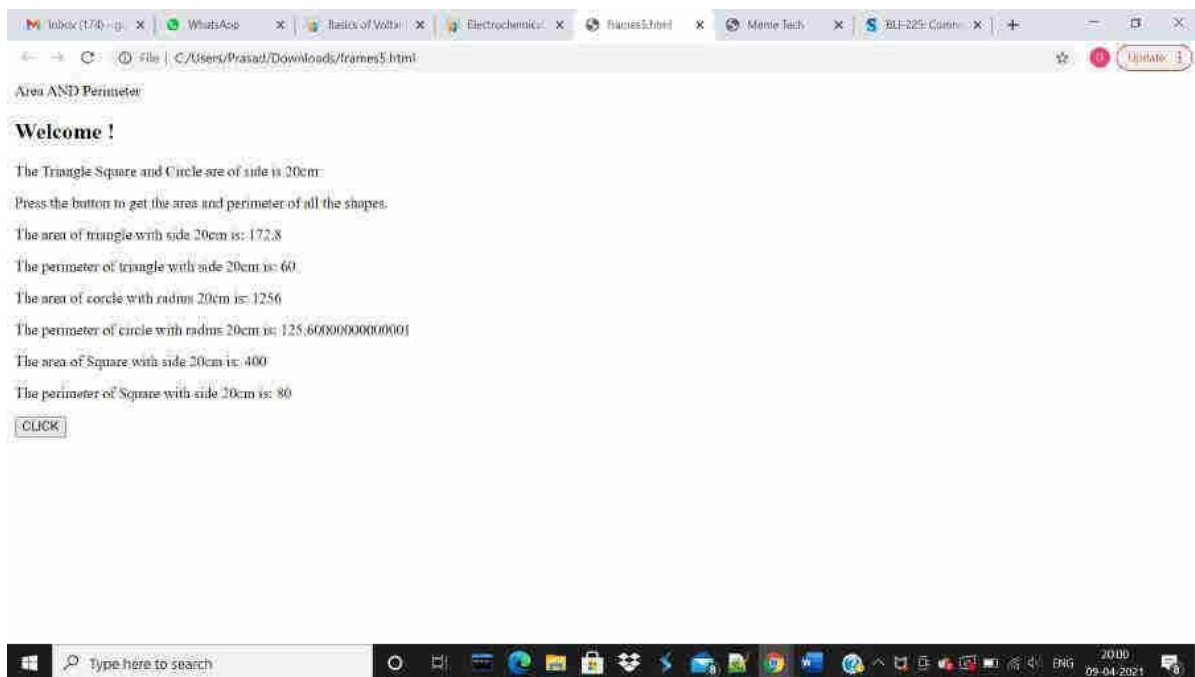
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   Area AND Perimeter
5 </head>
6 <body>
7   <h2>
8     Welcome !
9   </h2>
10  <p> The Triangle Square and Circle are of side-is 20cm </p>
11  <p>
12    Press the button to get the area and perimeter of all the shapes.
13  </p>
14  <p id = "para"></p>
15  <p id = "para1"></p>
16  <p id = "para2"></p>
17  <p id = "para3"></p>
18  <p id = "para4"></p>
19  <p id = "para5"></p>
20  <button onclick = "fun()"> CLICK </button>
21
22  <script>
23    var r = 20;
24    function fun()
25    {
26      document.getElementById('para').innerHTML = 'The area of triangle with side 20cm is: ' + 0.432 * r * r ;
27      document.getElementById('para1').innerHTML = 'The perimeter of triangle with side 20cm is: ' + 3 * r ;
28
29      document.getElementById('para2').innerHTML = 'The area of corcle With radius 20cm is: ' + 3.14 * r * r ;
30      document.getElementById('para3').innerHTML = 'The perimeter of circle with radius 20cm is: ' + 2 * 3.14 * r ;
31
32      document.getElementById('para4').innerHTML = 'The area of Square with side 20cm is: ' + r * r ;
33      document.getElementById('para5').innerHTML = 'The perimeter of Square with side 20cm is: ' + 4 * r ;
34    }
35  </script>
36 </body>
37 </html>
```

```

1 <h2>
2 Welcome !
3 </h2>
4
5 <p> The Triangle Square and Circle are of side is 20cm </p>
6 </p>
7 Press the button to get the area and perimeter of all the shapes.
8
9 </p>
10 <p id = "para"></p>
11 <p id = "para1"></p>
12 <p id = "para2"></p>
13 <p id = "para3"></p>
14 <p id = "para4"></p>
15 <p id = "para5"></p>
16 <button onclick = "fun()"> CLICK </button>
17
18 <script>
19 var x = 20;
20 function fun()
21 {
22 document.getElementById("para").innerHTML = "The area of triangle with side 20cm is: " + 0.432 * x * x;
23 document.getElementById("para1").innerHTML = "The perimeter of triangle with side 20cm is: " + 3 * x;
24
25 document.getElementById("para2").innerHTML = "The area of circle with radius 20cm is: " + 3.14 * x * x;
26 document.getElementById("para3").innerHTML = "The perimeter of circle with radius 20cm is: " + 2 * 3.14 * x;
27
28 document.getElementById("para4").innerHTML = "The area of Square with side 20cm is: " + x * x;
29 document.getElementById("para5").innerHTML = "The perimeter of Square with side 20cm is: " + 4 * x;
30 }
31 </script>
32 </body>
33 </html>

```





14. Working with JavaScript events

1. Create a webpage demonstrate onClick event.

Code:

```
<!DOCTYPE html>

<html>

<body>

<h1>The onclick Event</h1>

<p>This is the function for onclick Even: The onclick event is used to trigger a function when an element is clicked on.</p>

<p>Click the button to trigger a function that will output "How Java" in a p element with id="demo".</p>

<button onclick="myFunction()">Click me</button>

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

<script>

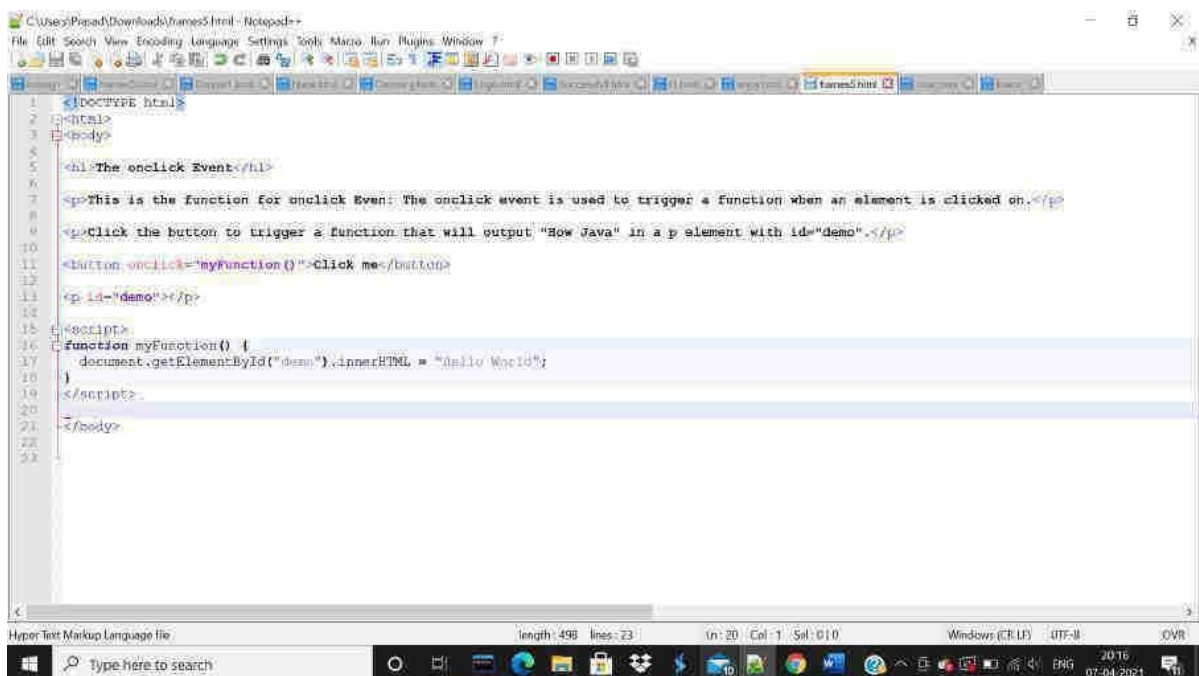
function myFunction() { document.getElementById("demo").innerHTML

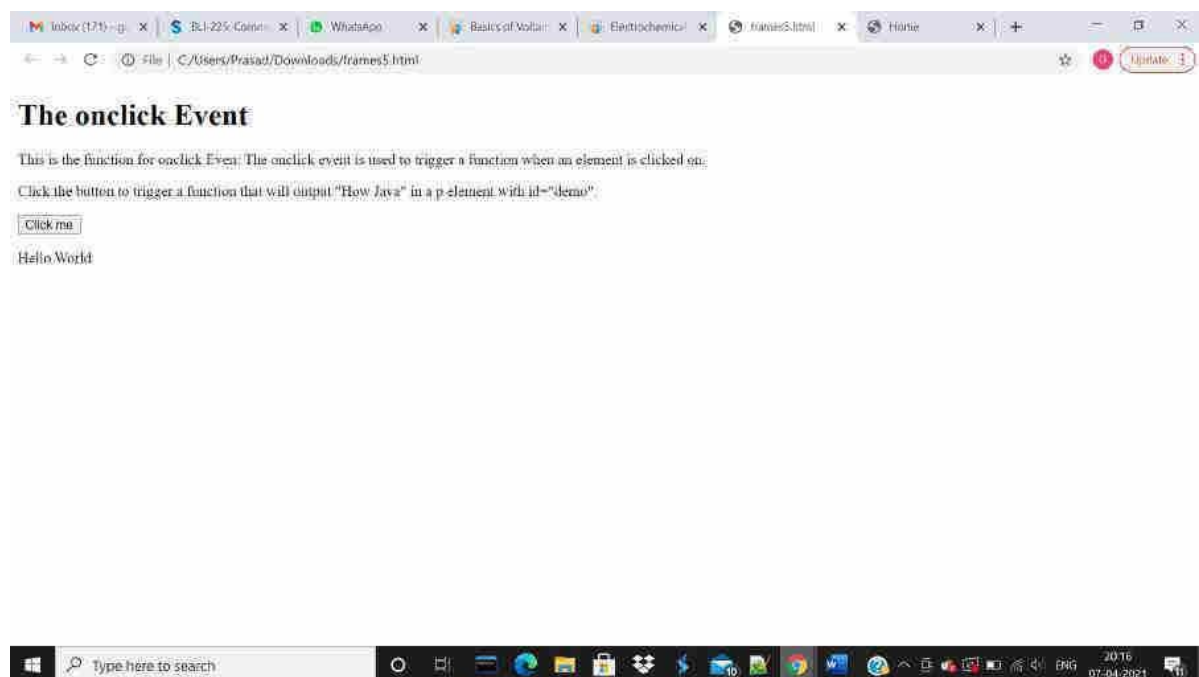
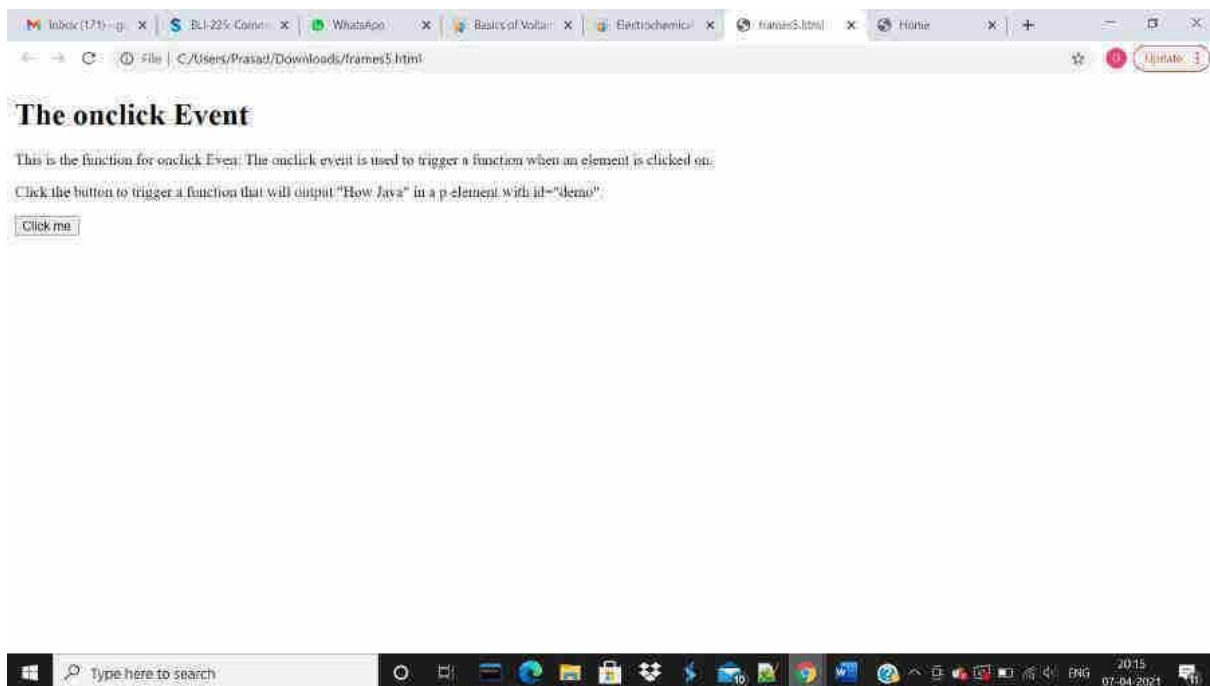
= "Hello World";

}

</script>

</body>
```





2. Create a webpage demonstrate onFocus event.

Code:

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
Enter your name: <input type="text" onFocus="myFunction(this)">
```

```
<p>When the input field gets focus, a function is triggered which changes the  
background-color.</p>
```

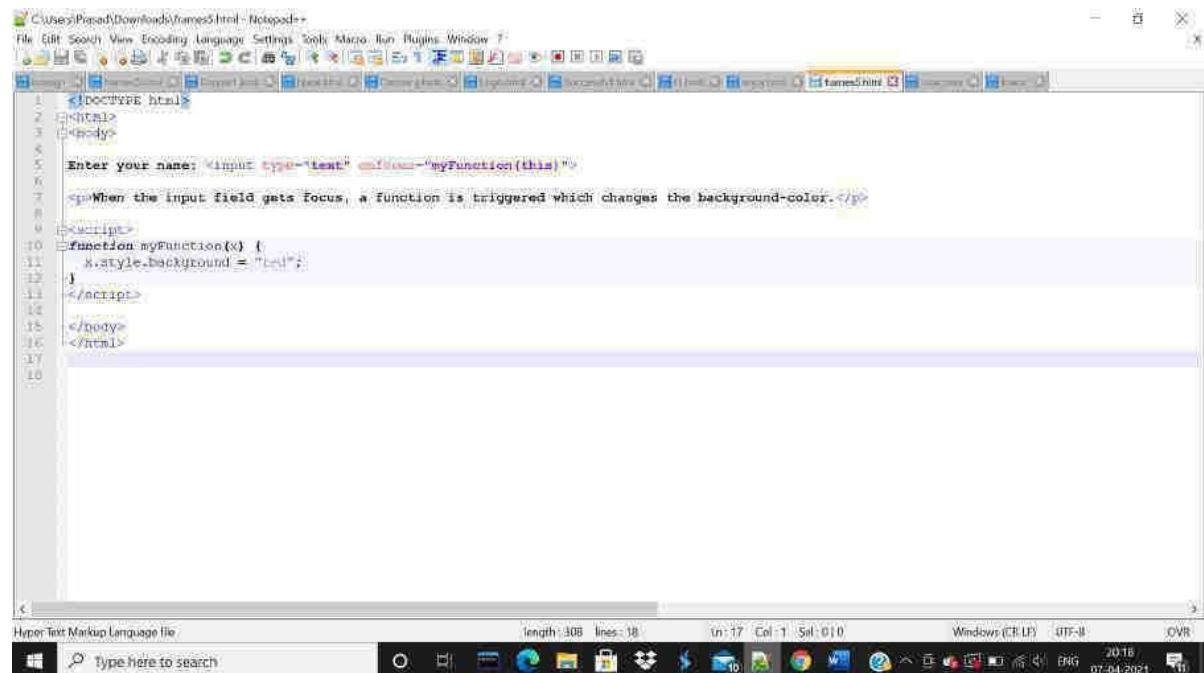
```
<script>
```

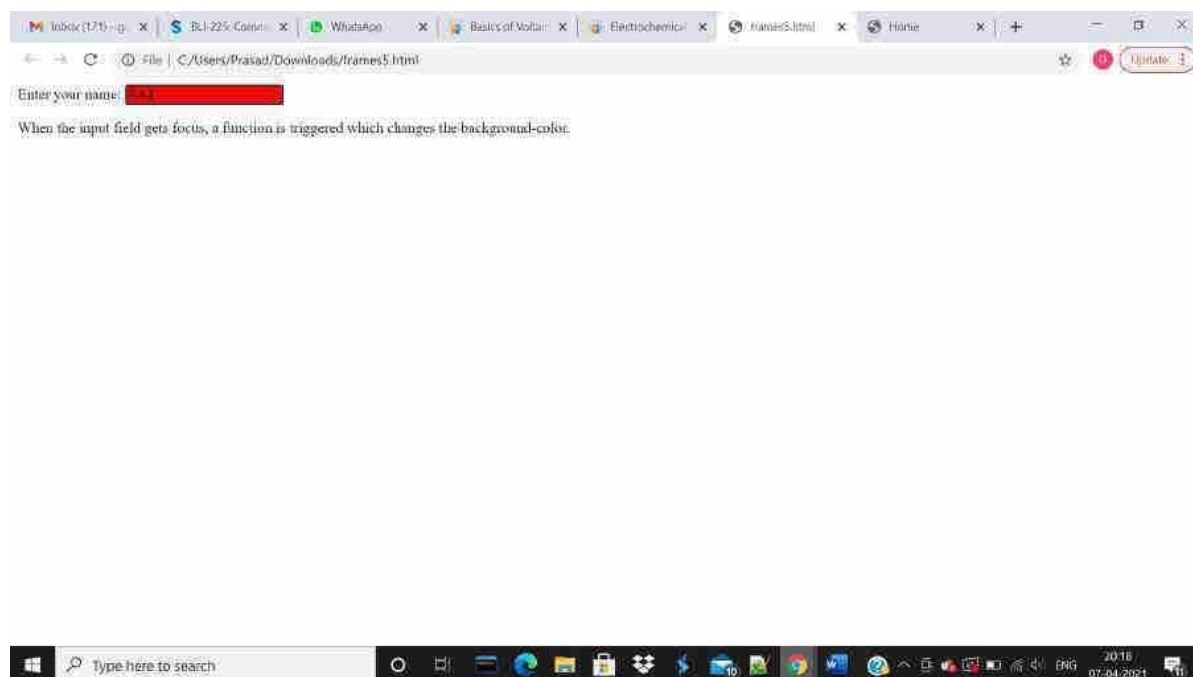
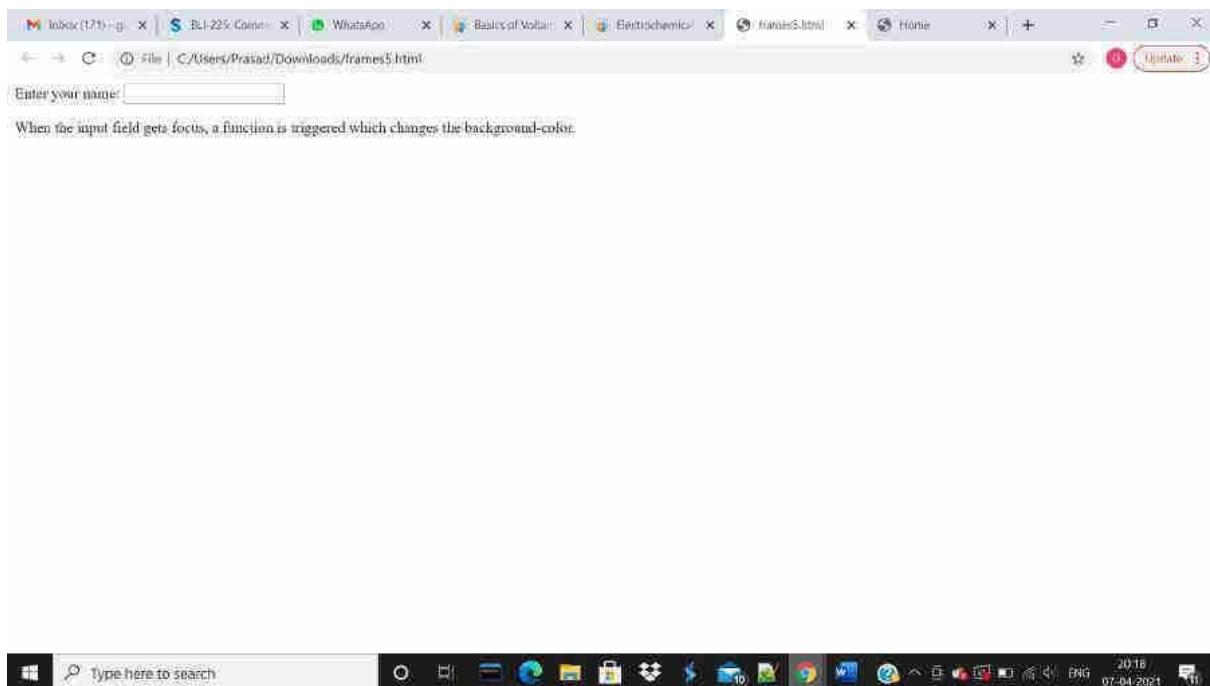
```
function    myFunction(x)    {  
x.style.background = "red";  
}
```

```
</script>
```

```
</body>
```

```
</html>
```





3. Create a webpage demonstrate onChange event.

Code:

```
<!DOCTYPE html>

<html>

<body>

<p>Select a new car from the list.</p>

<select id="mySelect" onchange="myFunction()">

<option value="I10">I10</option>

<option value="MARUTI800">MARUTI800</option>

<option value="Mercedes">Mercedes</option>

<option value="BMW">BMW</option>

</select>

<p>When you select a new car, a function is triggered which outputs the value of the
selected car.</p>

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

<script>

function myFunction() {

var x = document.getElementById("mySelect").value; document.getElementById("demo").innerHTML
= "You selected: " + x;

}

</script>

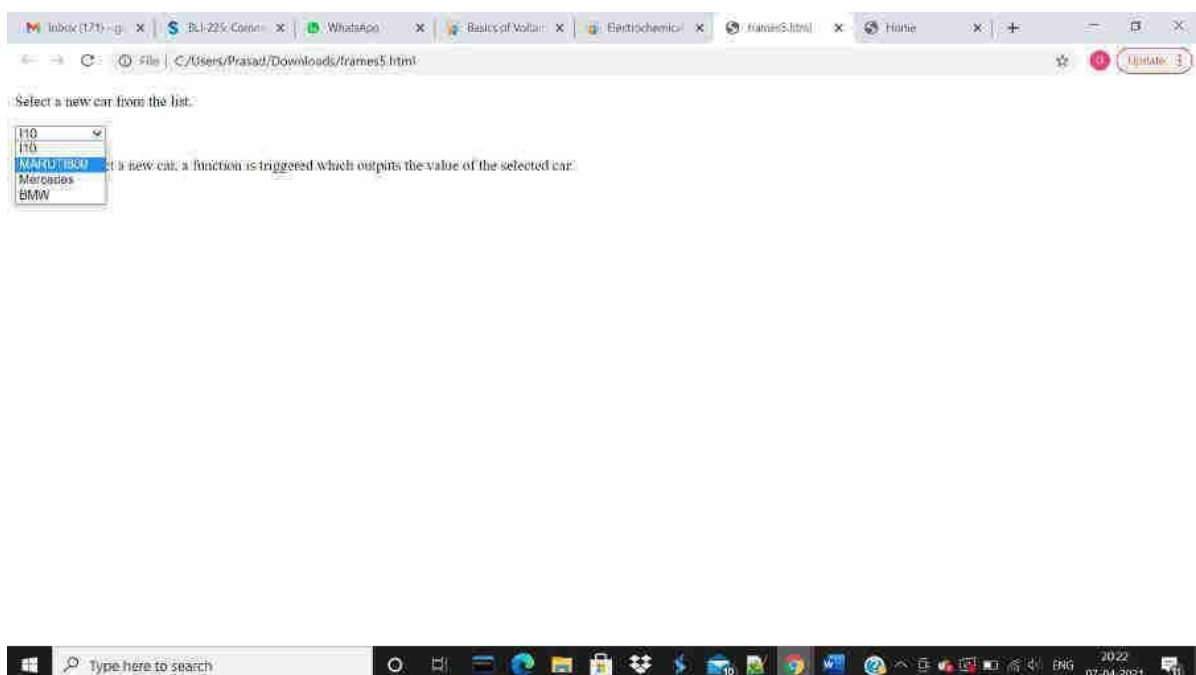
</body>

</html>
```

```
C:\Users\Prasad\Downloads\frames5.html - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window Help

1 <!DOCTYPE html>
2 <html>
3 <body>
4
5 <p>Select a new car from the list.</p>
6
7 <select id="mySelect" onchange="myFunction()">
8   <option value="110">110</option>
9   <option value="MARUTI800">MARUTI800</option>
10  <option value="Mercedes">Mercedes</option>
11  <option value="BMW">BMW</option>
12 </select>
13
14 <p>When you select a new car, a function is triggered which outputs the value of the selected car.</p>
15
16 <p id="demo"></p>
17
18 <script>
19 function myFunction() {
20   var x = document.getElementById("mySelect").value;
21   document.getElementById("demo").innerHTML = "Selected car is: " + x;
22 }
23 </script>
24
25 </body>
26 </html>
27
28

HyperText Markup Language file length: 625 lines: 28 in: 11 Col: 35 Sel: 0 | 0 Windows (CR LF) UTF-8 OVR
```



4. Create a webpage demonstrate onReset event.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>This is to inform you that when you reset the form, a function is triggered which alerts some text.</p>
```

```
<form onreset="myFunction()">
```

```
Enter your name: <input type="text">
```

```
<input type="reset">
```

```
</form>
```

```
<script>
```

```
function myFunction() { alert("This
```

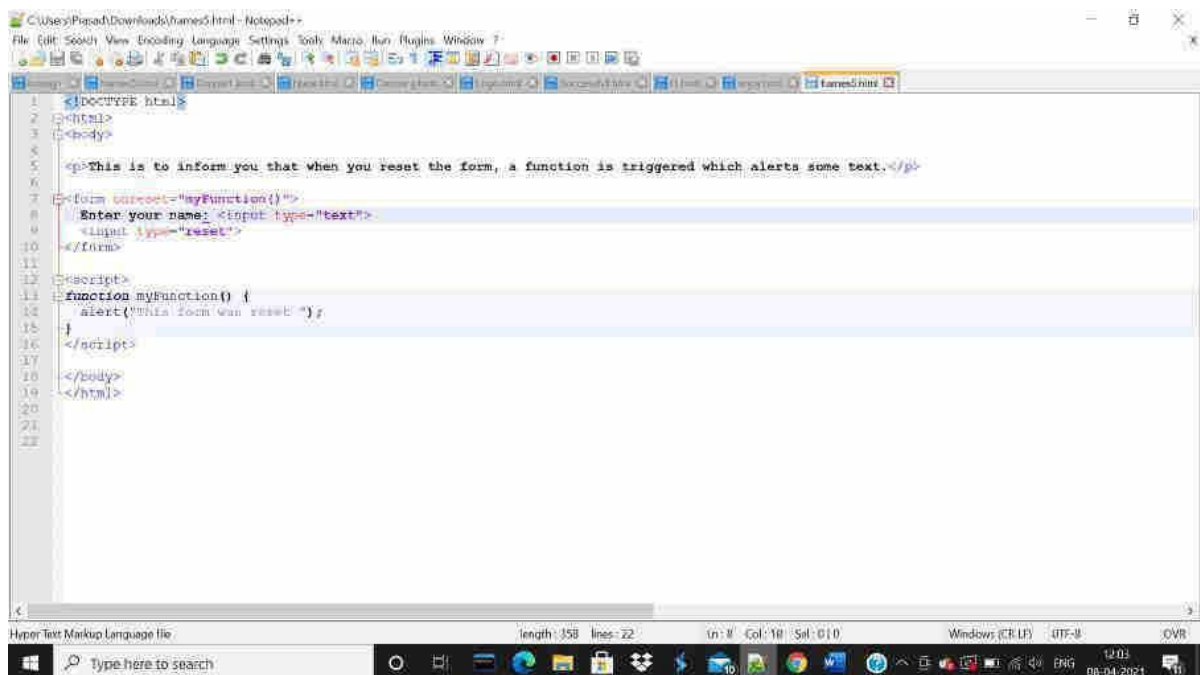
```
form was reset ");
```

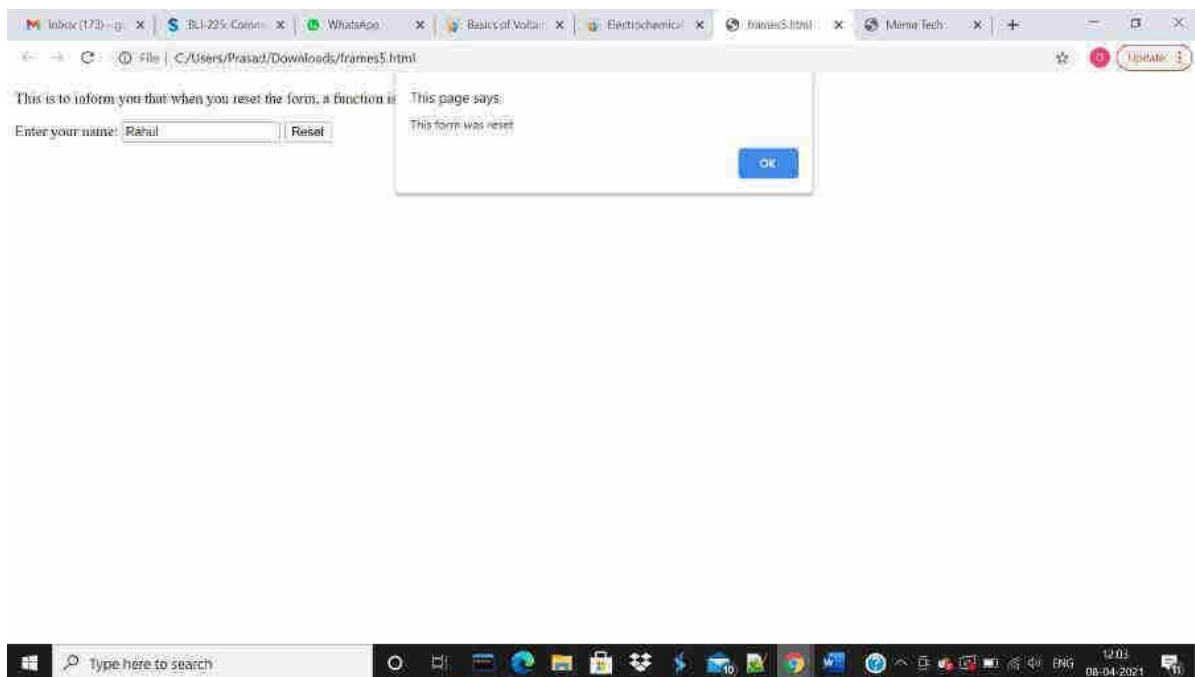
```
}
```

```
</script>
```

```
</body>
```

```
</html>
```





5. Create a webpage demonstrate onSelect event.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

Select some of the text: <input type="text" value="Hiee Java! !" onselect="myFunction()">

```
<script>
```

```
function myFunction() {
```

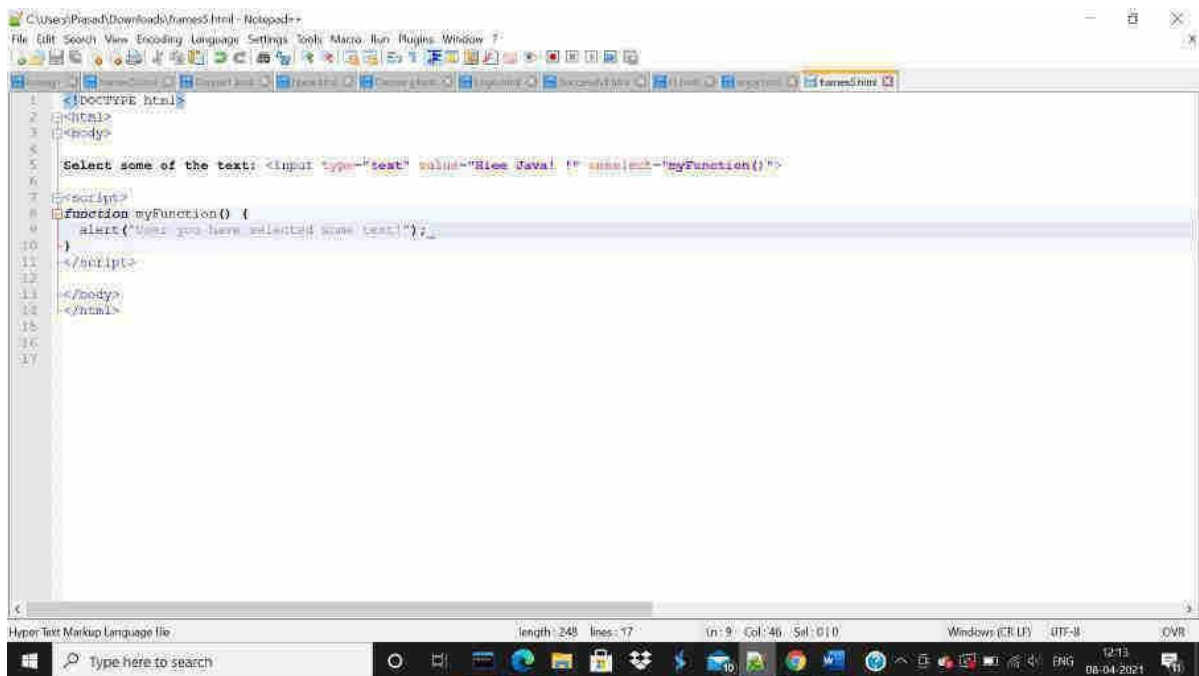
```
  alert("User you have selected some text!");
```

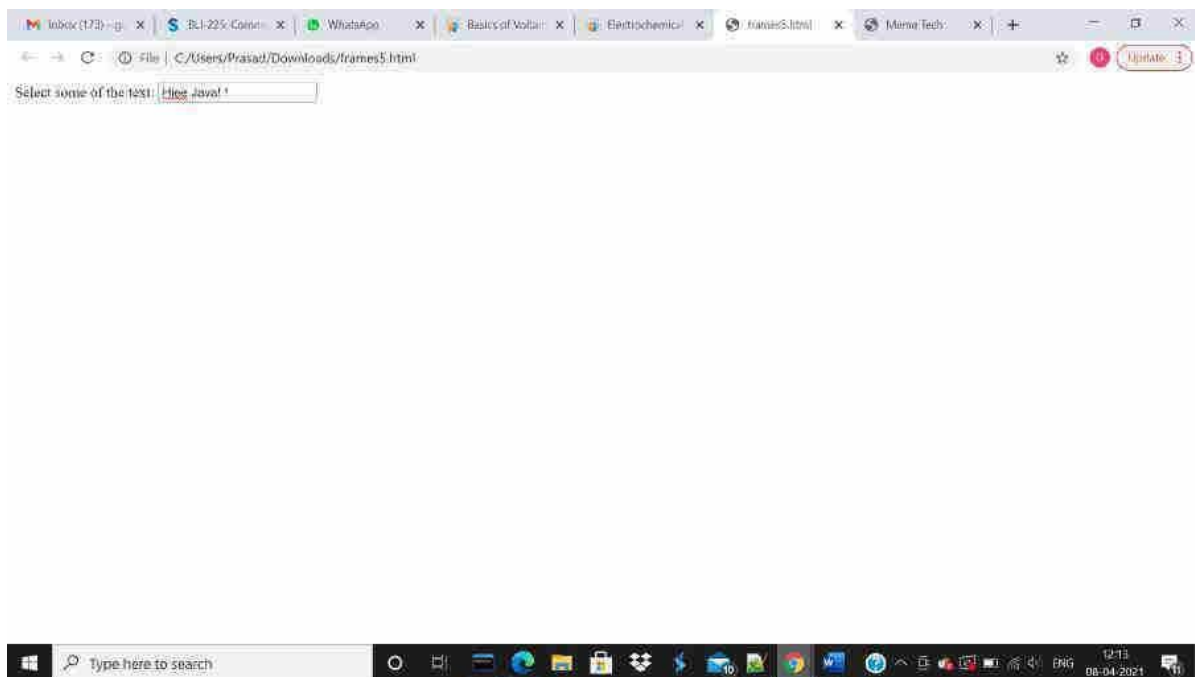
```
}
```

```
</script>
```

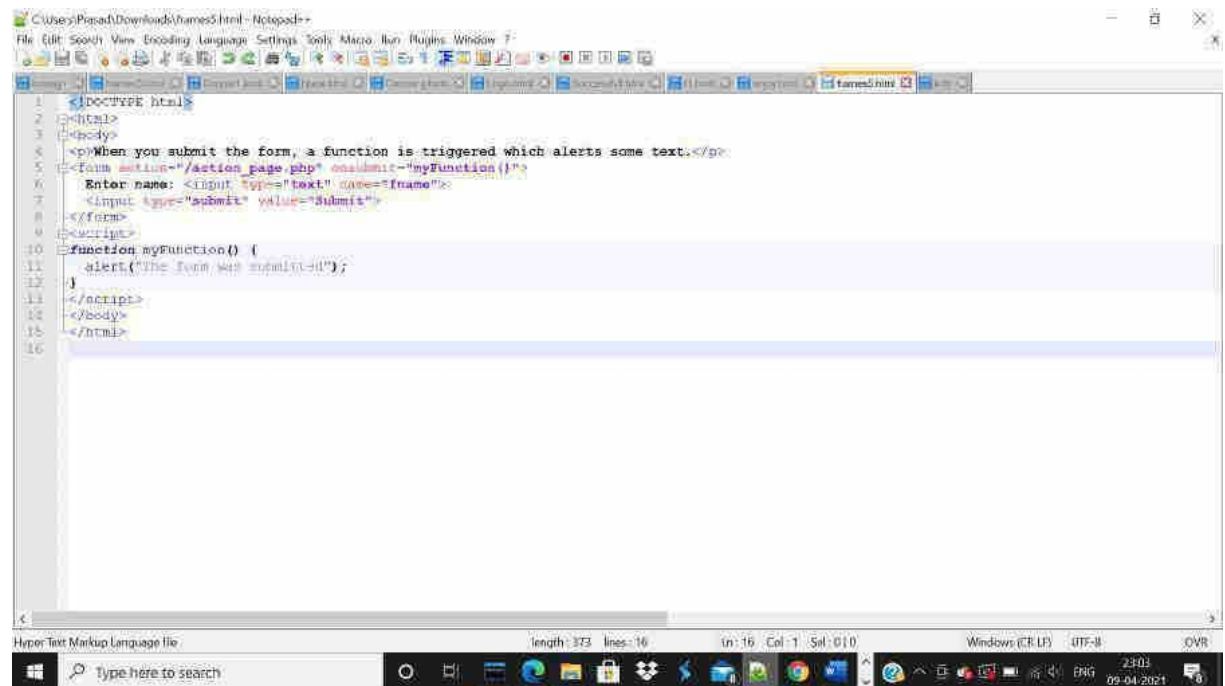
```
</body>
```

```
</html>
```

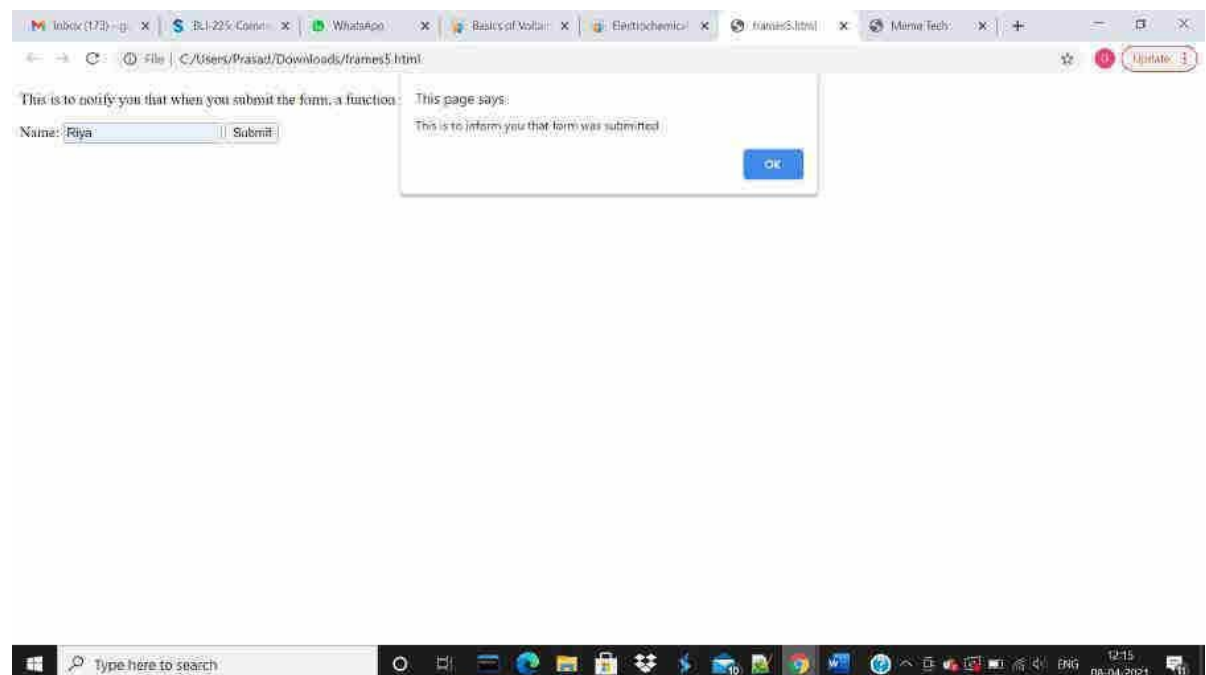




6. Create a webpage demonstrate onSubmit event.



```
1 <!DOCTYPE html>
2 <html>
3 <body>
4 <p>When you submit the form, a function is triggered which alerts some text.</p>
5 <form action="/action_page.php" onsubmit="myFunction()">
6   Enter name: <input type="text" name="fname">
7   <input type="submit" value="Submit">
8 </form>
9 <script>
10 function myFunction() {
11   alert("The form was submitted!!");
12 }
13 </script>
14 </body>
15 </html>
16
```



7. Create a webpage demonstrate onBlur event.

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
Name: <input type="text" name="fname" id="fname" onBlur="myFunction()">
```

```
<p>This is to inform you that when you leave the input field, a function is triggered which transforms the input text to upper case.</p>
```

```
<script>
```

```
function myFunction() {
```

```
var x = document.getElementById("fname");
```

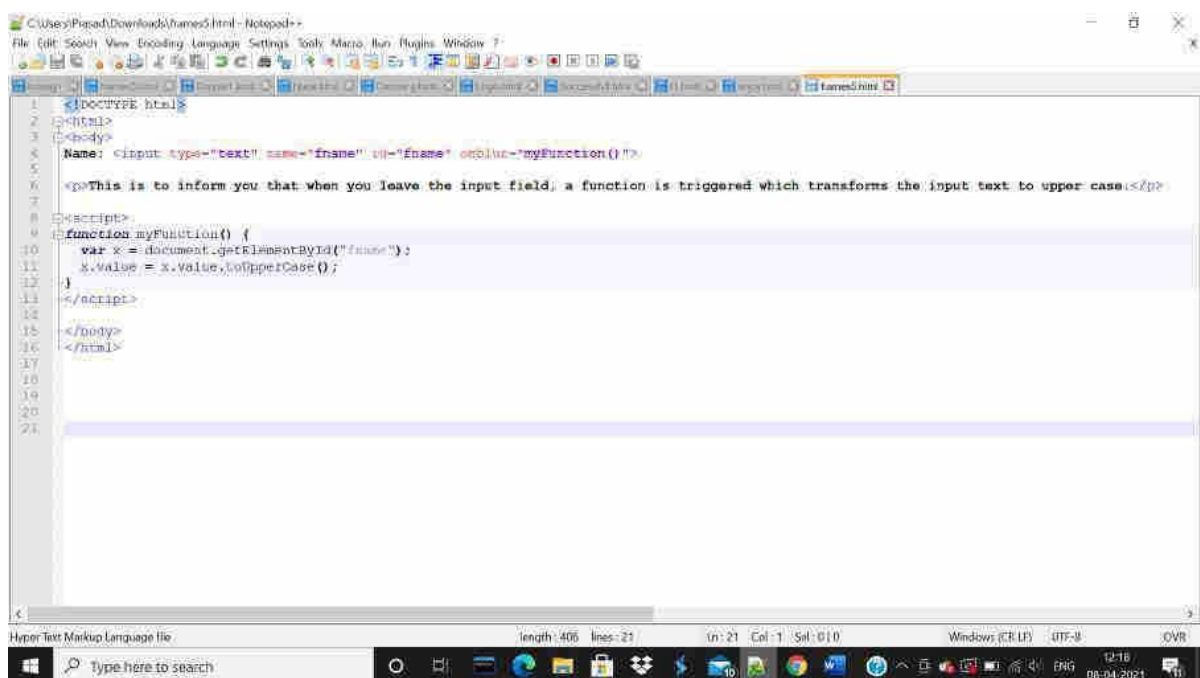
```
x.value = x.value.toUpperCase();
```

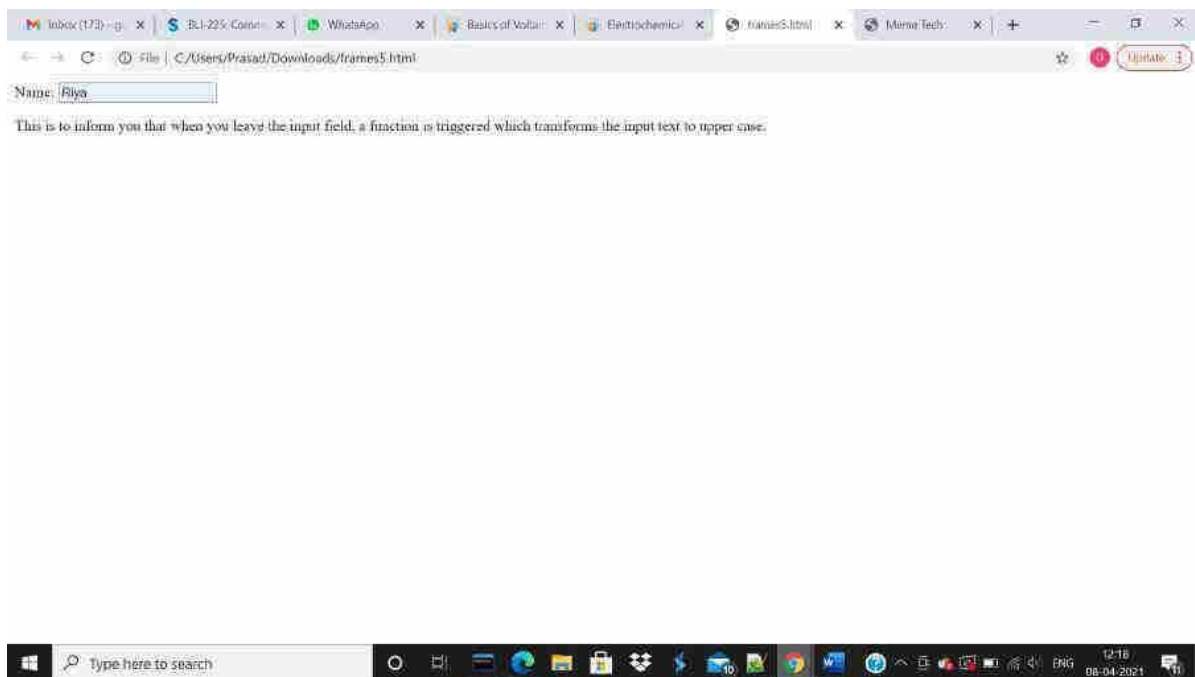
```
}
```

```
</script>
```

```
</body>
```

```
</html>
```





8. Create a webpage demonstrate on MouseOver/ onMouseOut event.

```
<!DOCTYPE html>

<html>

<body>



<p>The function bigImg() is triggered when the user moves the mouse pointer over the
image.</p>

<p>The function normalImg() is triggered when the mouse pointer is moved out of the
image.</p>

<script>

function    bigImg(x)    {
x.style.height    =    "64px";
x.style.width = "64px";
}

function    normalImg(x)  {
x.style.height    =    "32px";
x.style.width = "32px";
}

</script>

</body>

</html>
```