

- math.min

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>Click the button to return the lowest number of 76 and 89 </p>
```

```
<button onclick="myFunction()">Try it</button>
```

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

```
<script>
```

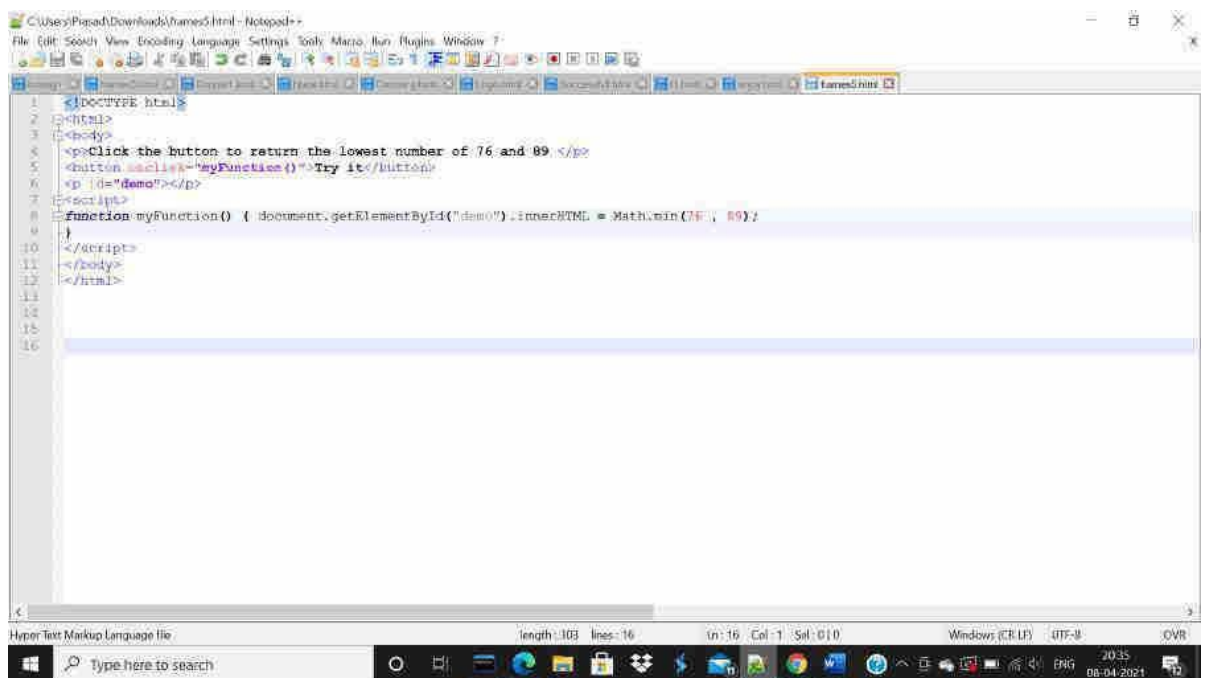
```
function myFunction() { document.getElementById("demo").innerHTML =  
Math.min(76 , 89);
```

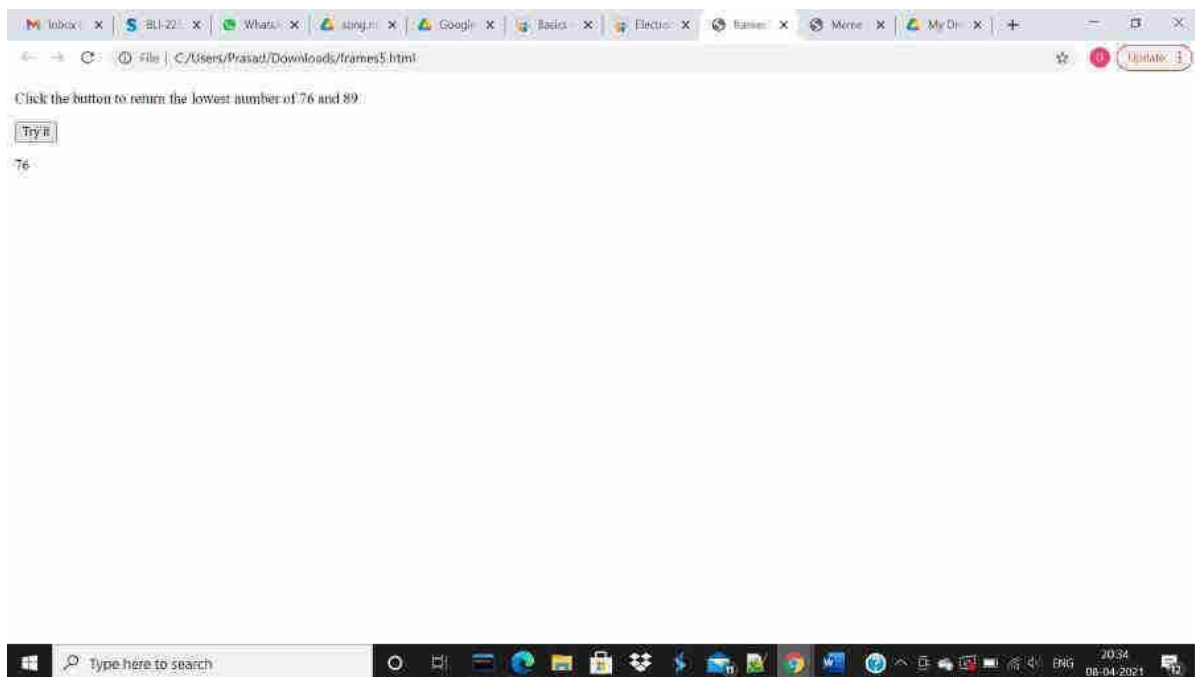
```
}
```

```
</script>
```

```
</body>
```

```
</html>
```





- math.sqrt

Code:

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>Click the button to display the square root of 25.</p>
```

```
<button onclick="myFunction()">Access it </button>
```

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

```
<script>
```

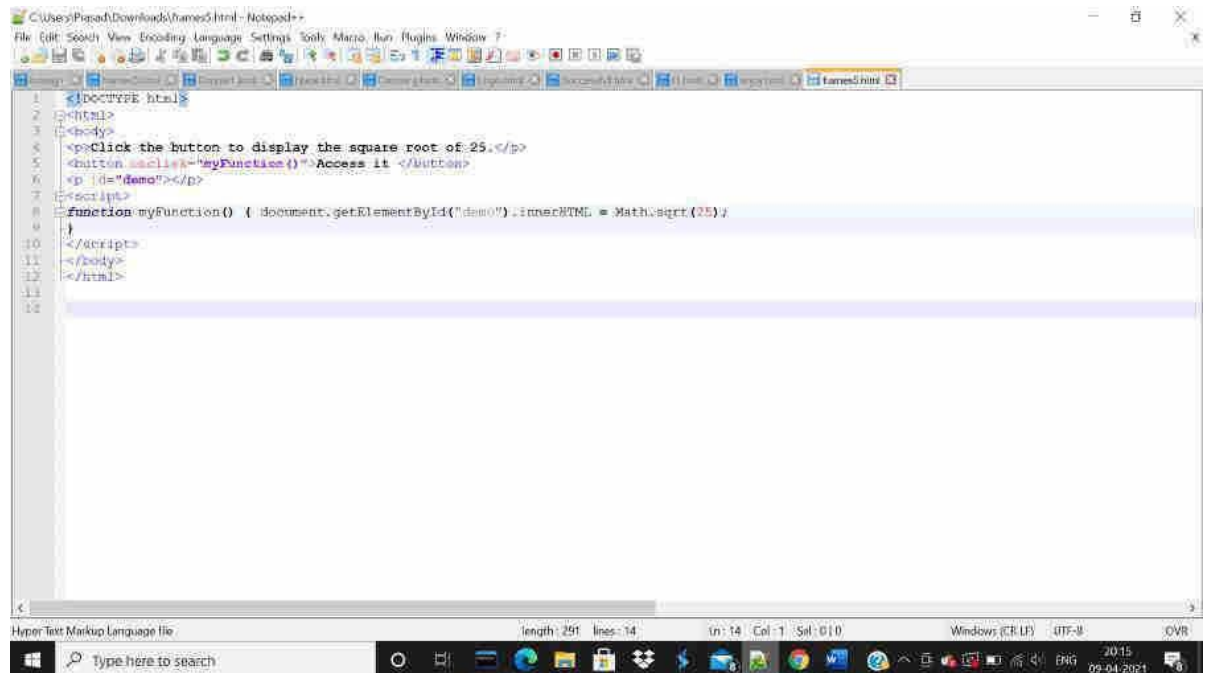
```
function myFunction() { document.getElementById("demo").innerHTML =  
Math.sqrt(25);
```

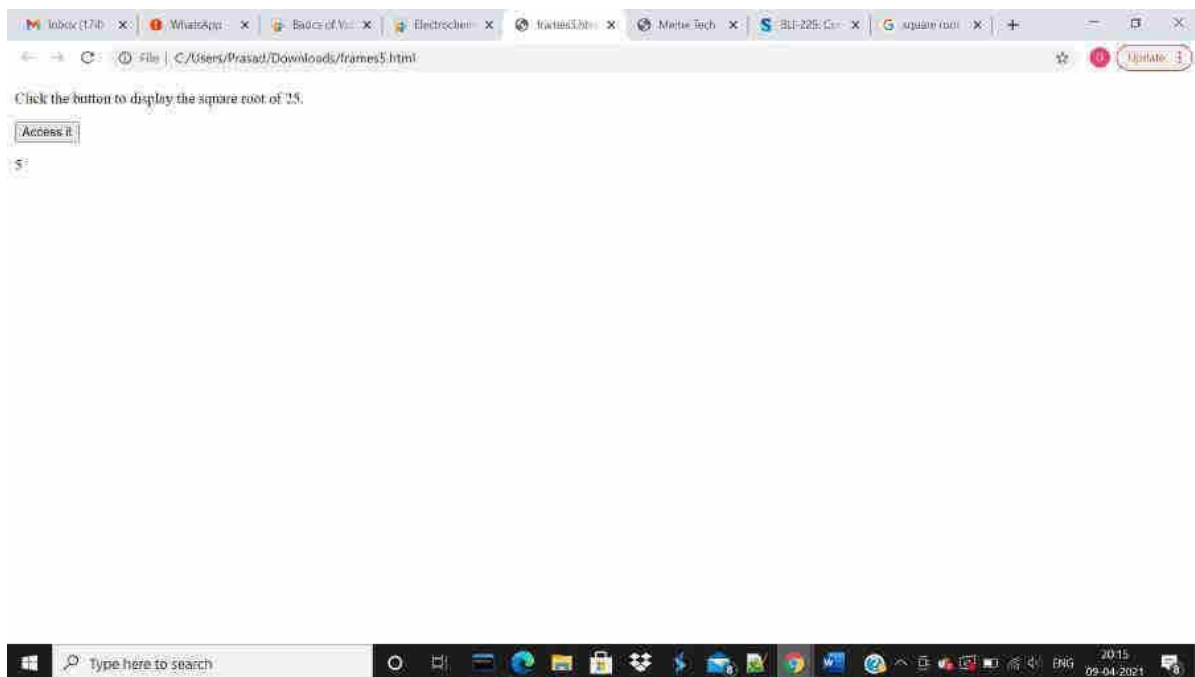
```
}
```

```
</script>
```

```
</body>
```

```
</html>
```





16. Working with strings and methods in java Script

1. Create a page demostrating various string methods:

- lastIndexOf

```
<!DOCTYPE html>

<html>

<body>

<p>Click the button to locate the last occurrence of a specified value.</p>

<button onclick="myFunction()">Try it</button>

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

<script>

function myFunction() {

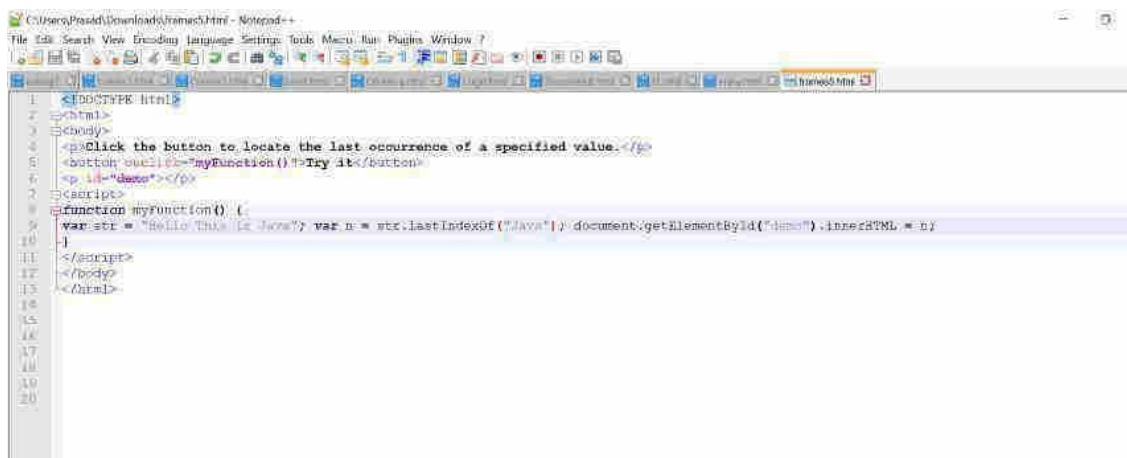
var str = "Hello This Is Java"; var n = str.lastIndexOf("Java");
document.getElementById("demo").innerHTML = n;

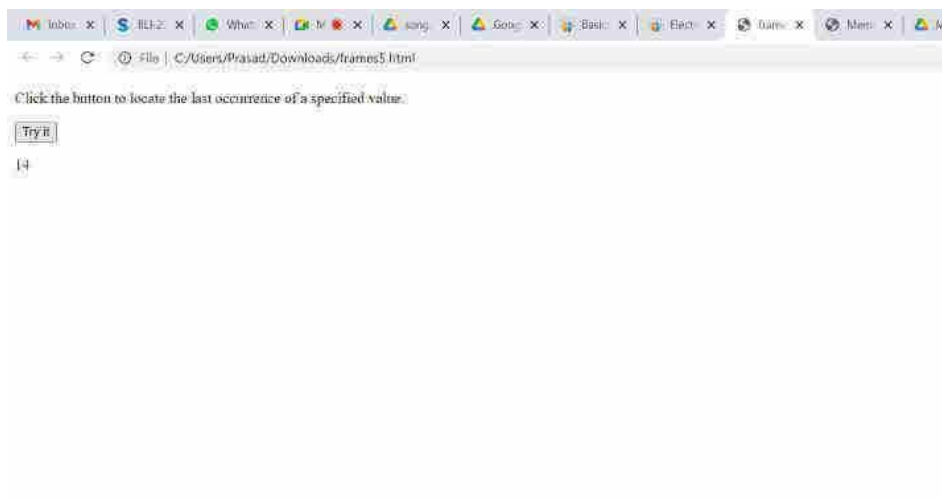
}

</script>

</body>

</html>
```





- Slice

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>You will have to Click the button to display the extracted part of the string.</p>
```

```
<button onclick="myFunction()">Try it</button>
```

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

```
<script>
```

```
function myFunction() { var str = "Hello Java "; var res = str.slice(0 , 1);
```

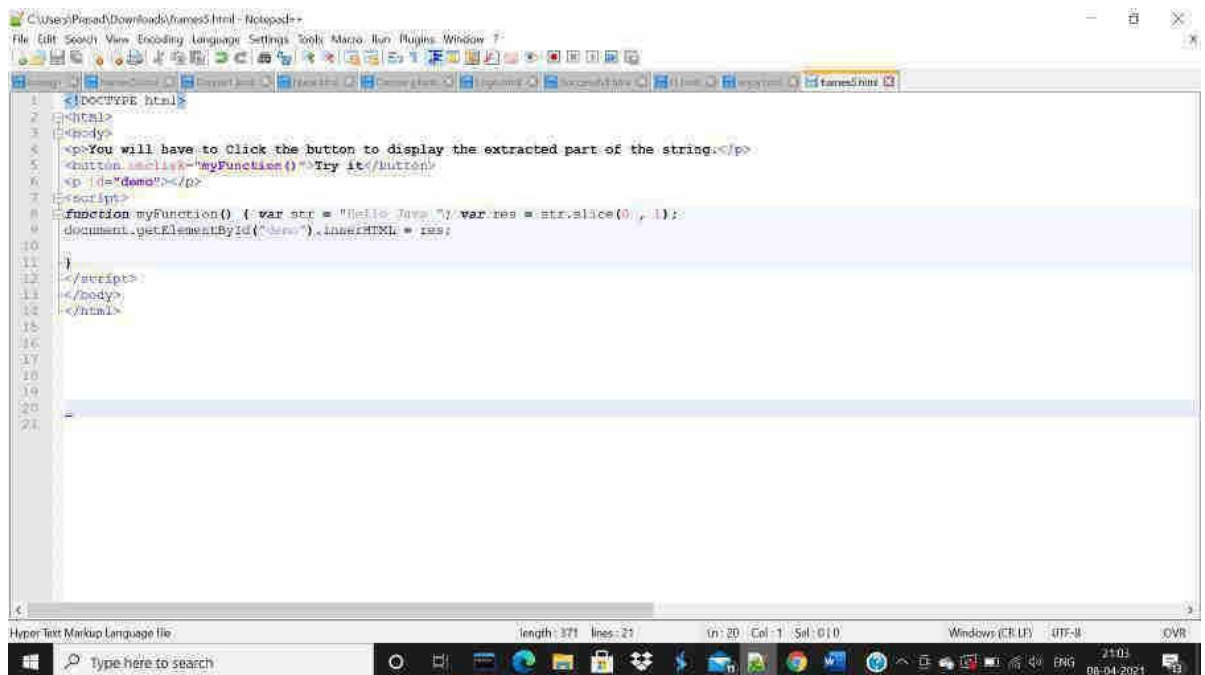
```
document.getElementById("demo").innerHTML = res;
```

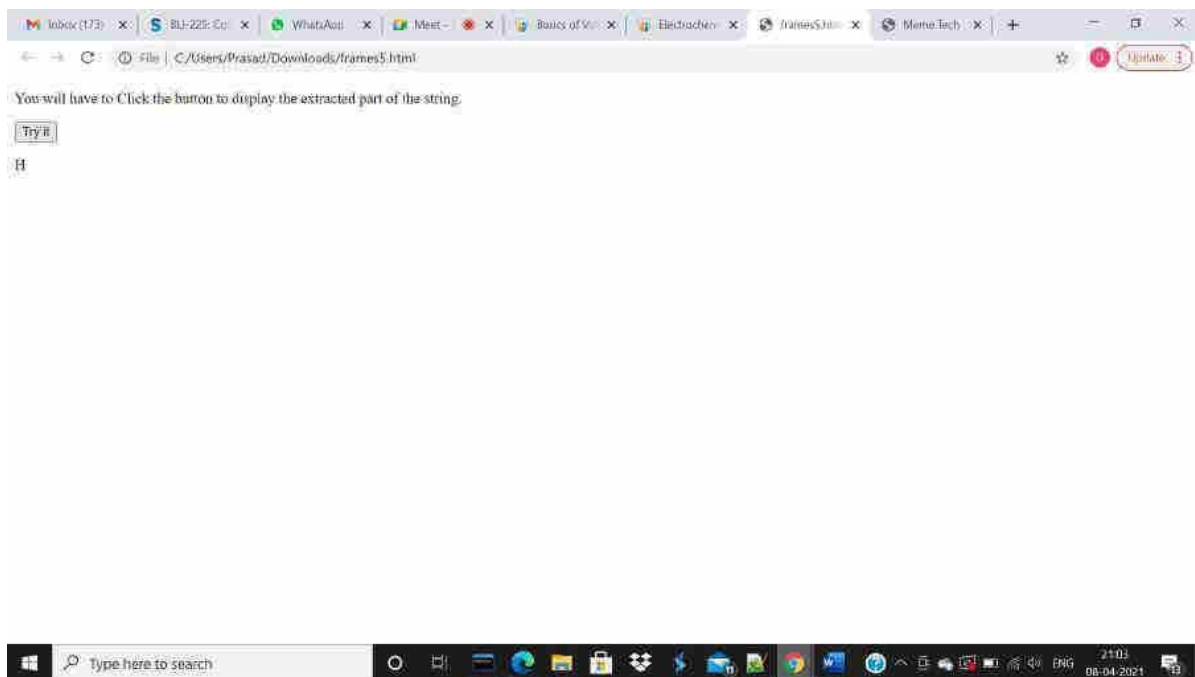
```
}
```

```
</script>
```

```
</body>
```

```
</html>
```





- Substring

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>Click the button to extract characters from the string.</p>
```

```
<button onclick="myFunction()">Try it</button>
```

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

```
<script>
```

```
function myFunction() { var str = "Hello world!";
```

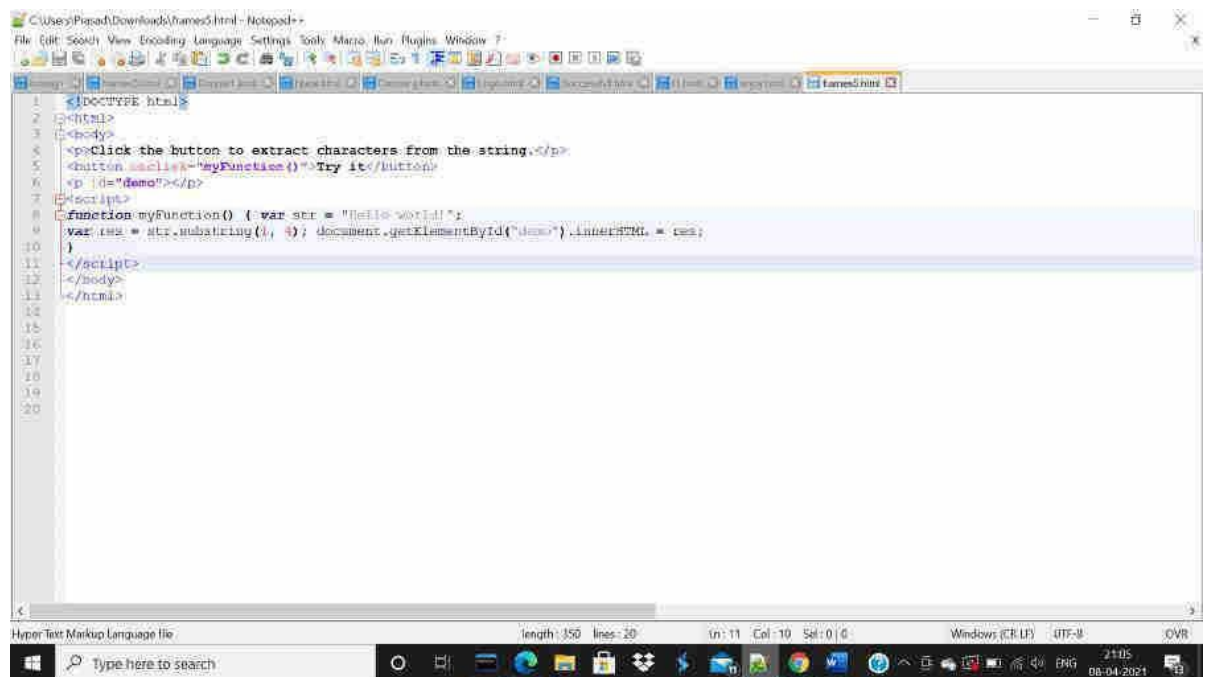
```
var res = str.substring(1, 4); document.getElementById("demo").innerHTML = res;
```

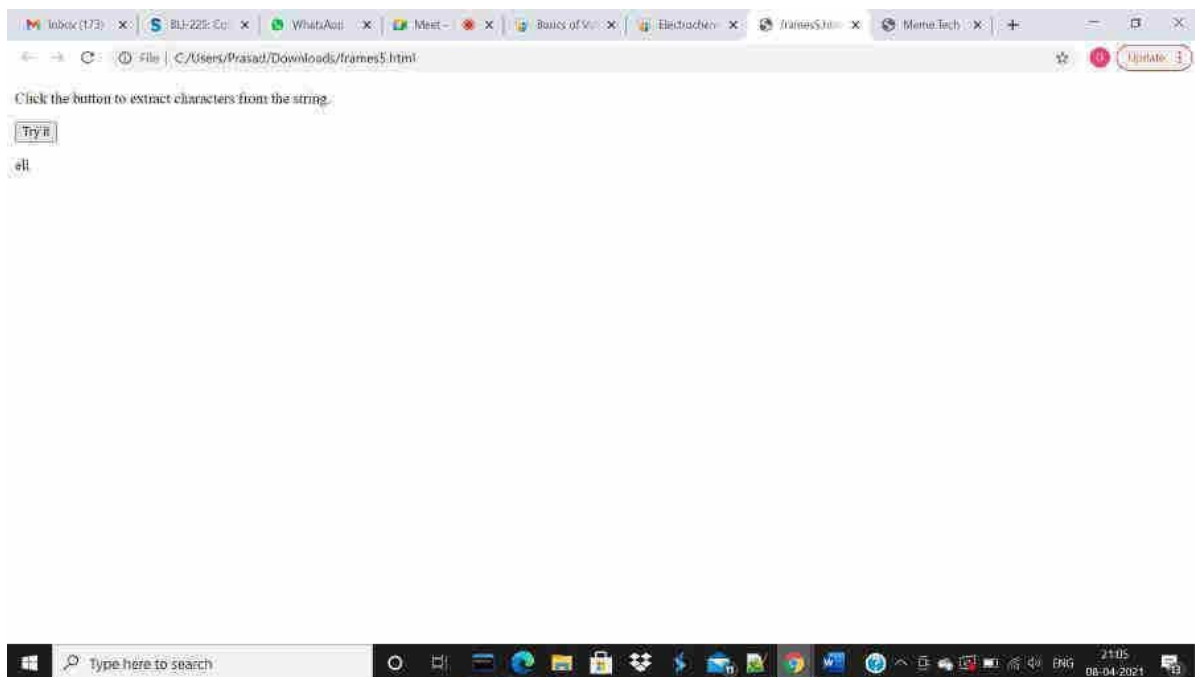
```
}
```

```
</script>
```

```
</body>
```

```
</html>
```





- Substr

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>Click the button to extract parts of the string.</p>
```

```
<button onclick="myFunction()">Try it</button>
```

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

```
<script>
```

```
function myFunction() { var str = "Hello world!"; var res = str.substr(1, 4);
```

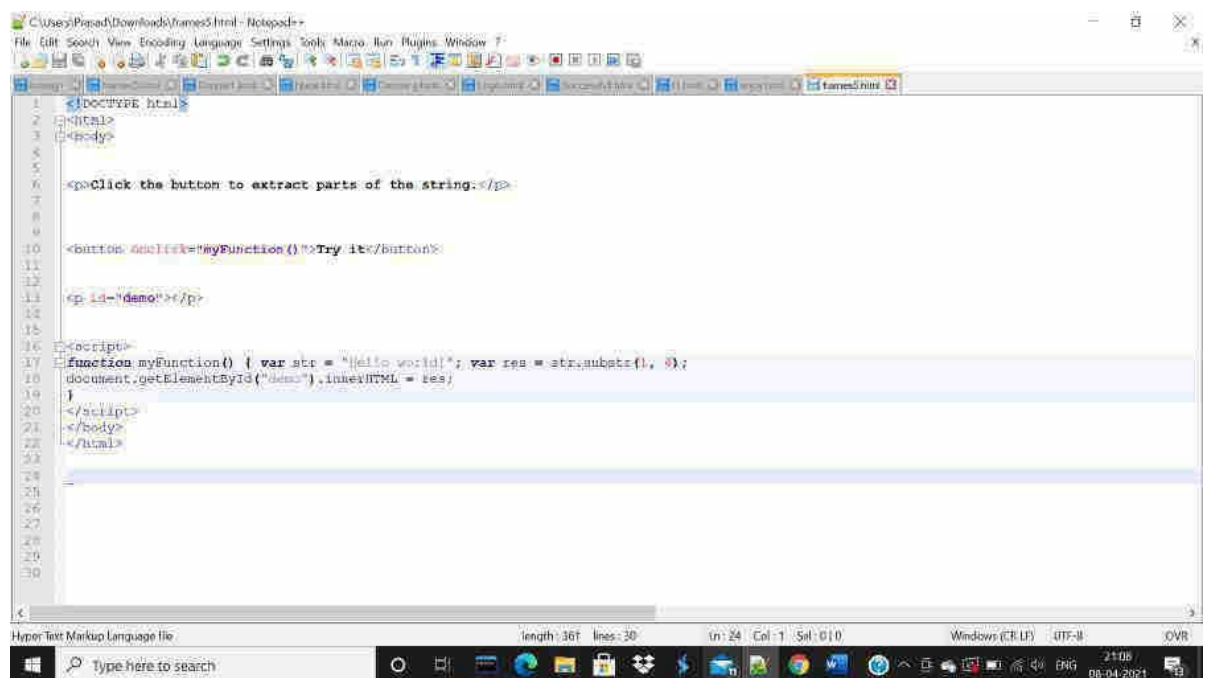
```
document.getElementById("demo").innerHTML = res;
```

```
}
```

```
</script>
```

```
</body>
```

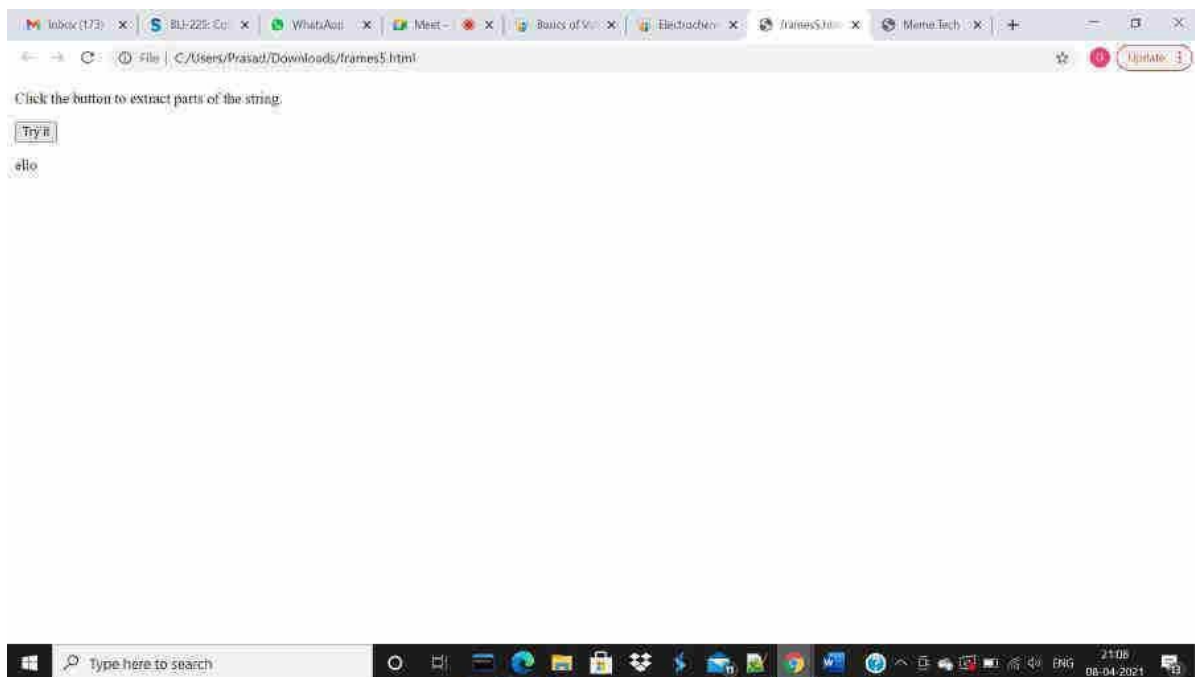
```
</html>
```



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

1 <!DOCTYPE html>
2 <html>
3 <body>
4
5
6 <p>Click the button to extract parts of the string.</p>
7
8
9
10 <button onclick="myFunction()">Try it</button>
11
12
13 <p id="demo"></p>
14
15
16 <script>
17 function myFunction() { var str = "Hello world!"; var res = str.substr(1, 4);
18 document.getElementById("demo").innerHTML = res;
19 }
20 </script>
21 </body>
22 </html>
23
24
25
26
27
28
29
30

Hyper-Text Markup Language file length: 367 lines: 30 in: 24 Col: 1 Sel: 010 Windows (CR LF) UTF-8 OVR
Type here to search
```



- ToUpperCase

Code:

```
<!DOCTYPE html>

<html>

<body>

<p>Click the button to convert the string to uppercase letters.</p>

<button onclick="myFunction()">Try it</button>

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

<script>

function myFunction() { var str = "This is java world";

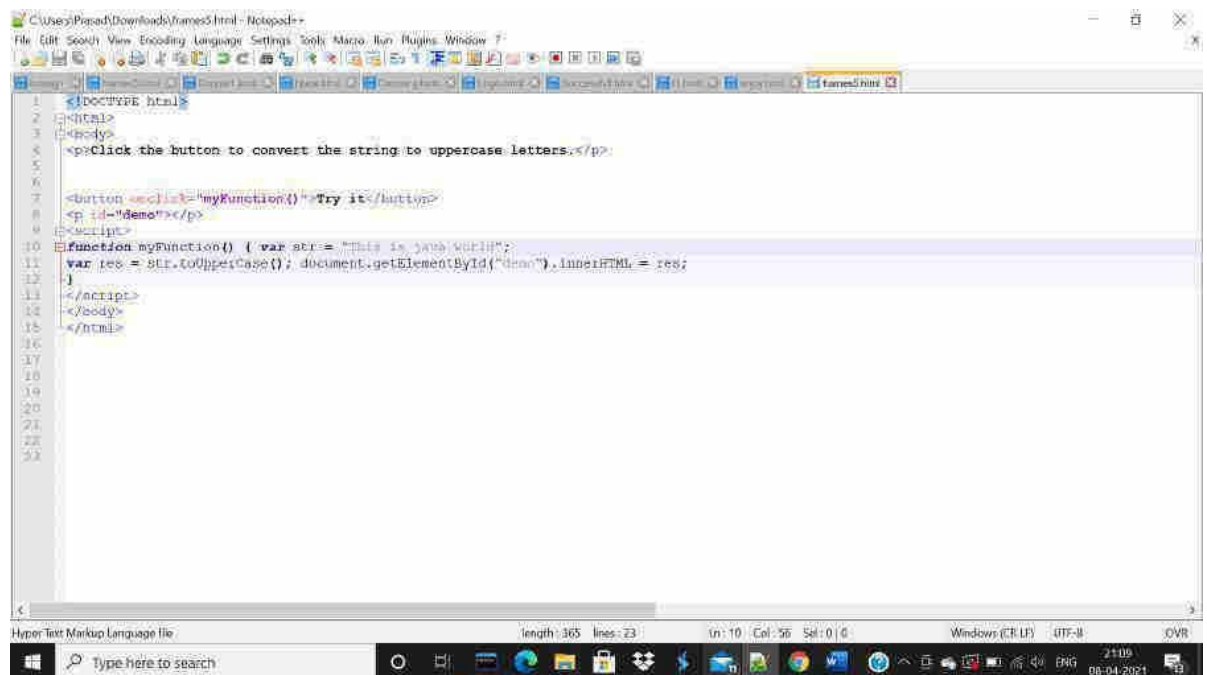
var res = str.toUpperCase(); document.getElementById("demo").innerHTML = res;

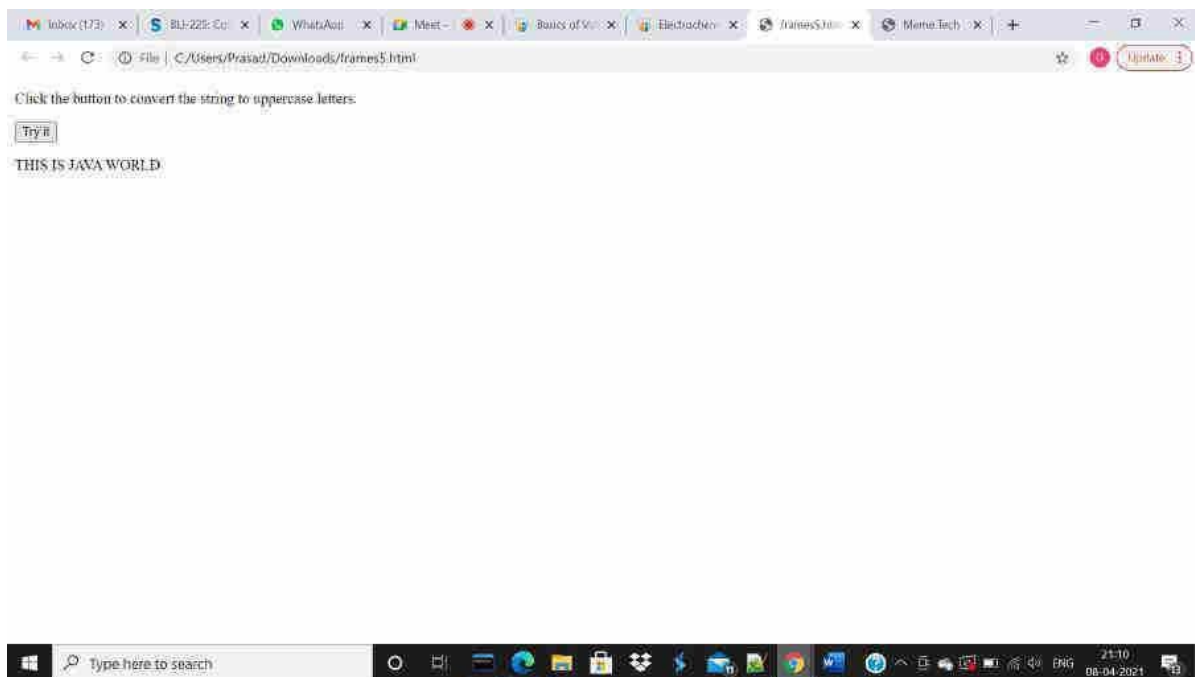
}

</script>

</body>

</html>
```





- ToLowerCase

Code:

```
<!DOCTYPE html>

<html>

<body>

<p>Click the button to convert the string to lowercase letters.</p>

<button onclick="myFunction()">Try it</button>

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

<script>

function myFunction() { var str = "This is java WORLD !";

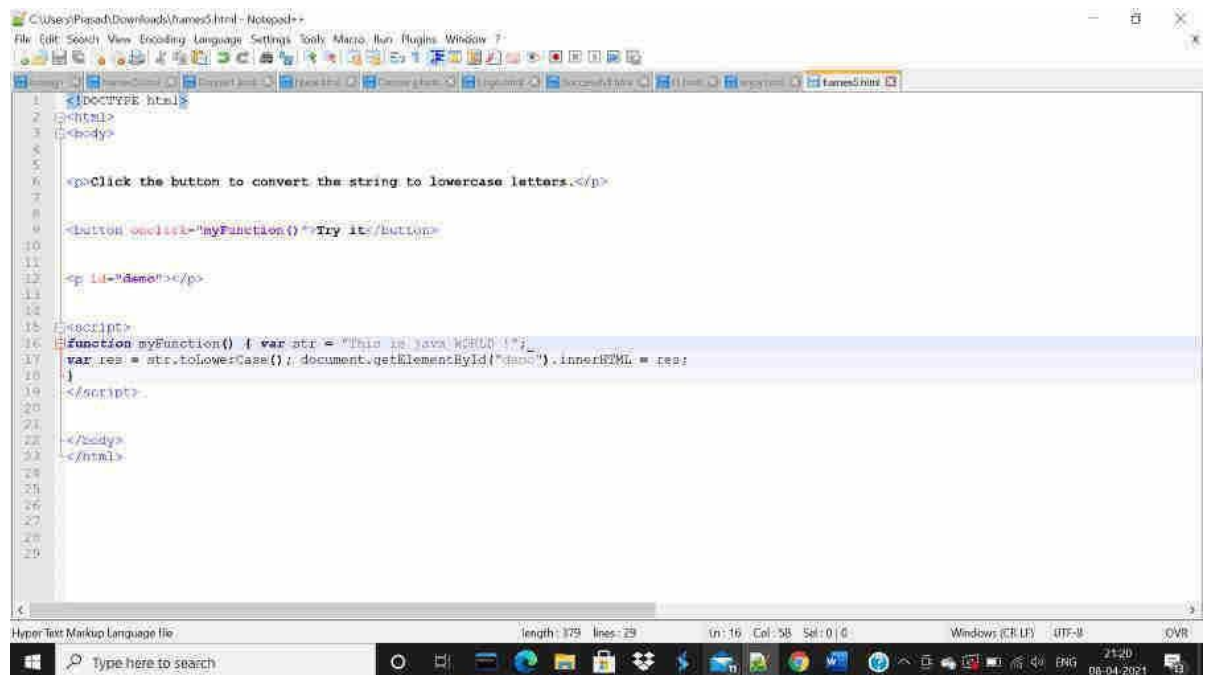
var res = str.toLowerCase(); document.getElementById("demo").innerHTML = res;

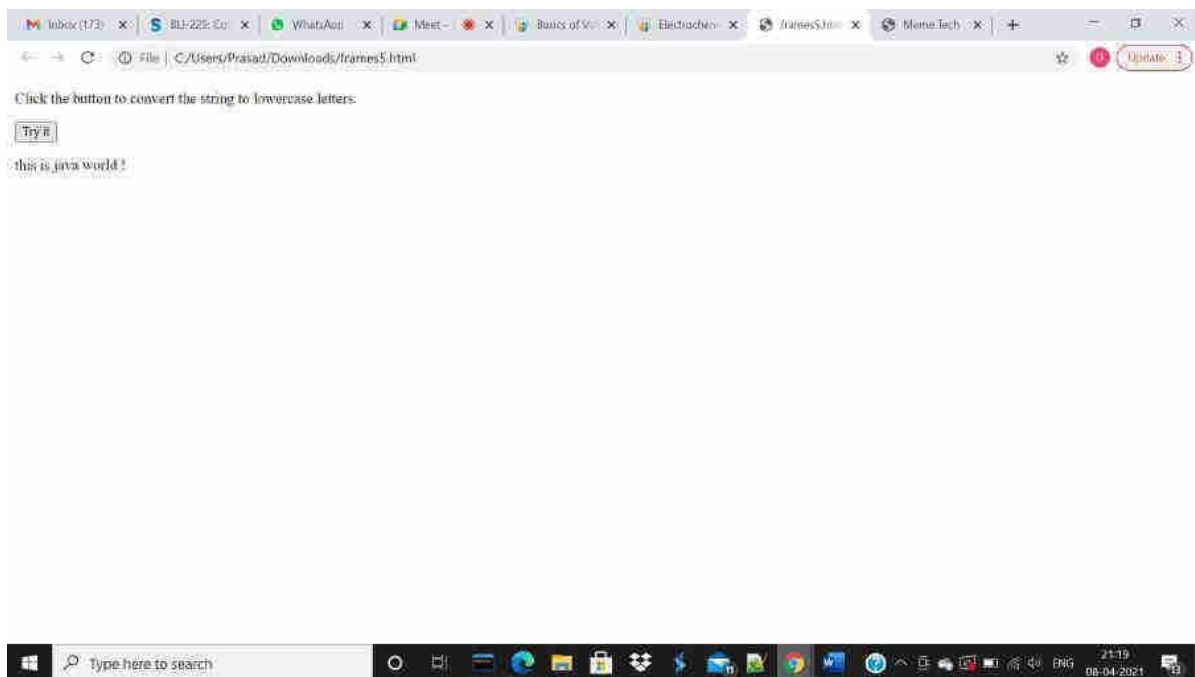
}

</script>

</body>

</html>
```





- Replace

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>Click the button to replace "Fruits" with "Vegetables" in the paragraph below:</p>
```

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

```
<button onclick="myFunction()">Try it</button>
```

```
<script>
```

```
function myFunction() {
```

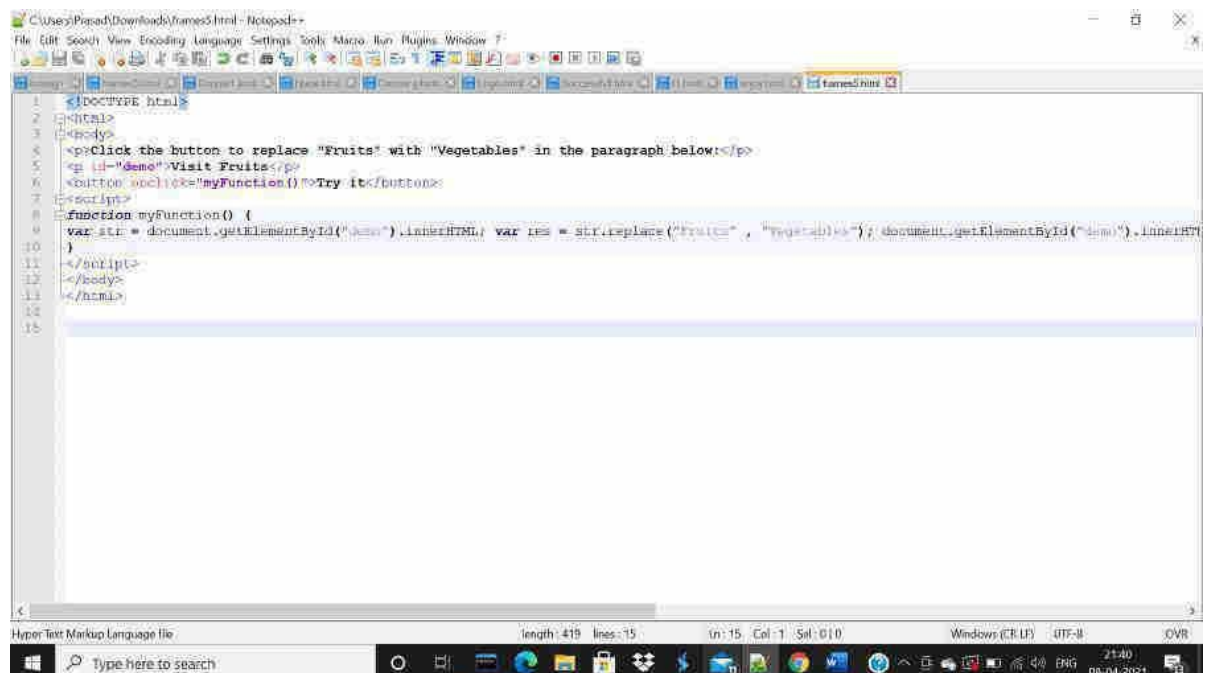
```
var str = document.getElementById("demo").innerHTML; var res = str.replace("Fruits" ,  
"Vegetables"); document.getElementById("demo").innerHTML  
= res;
```

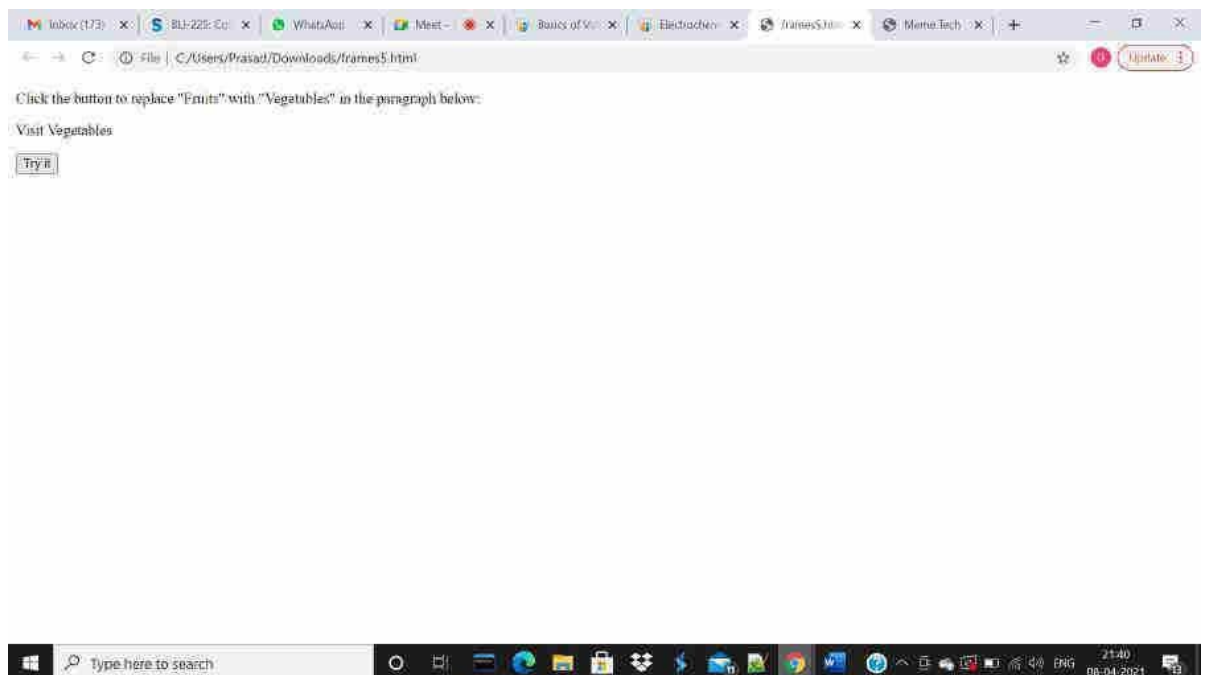
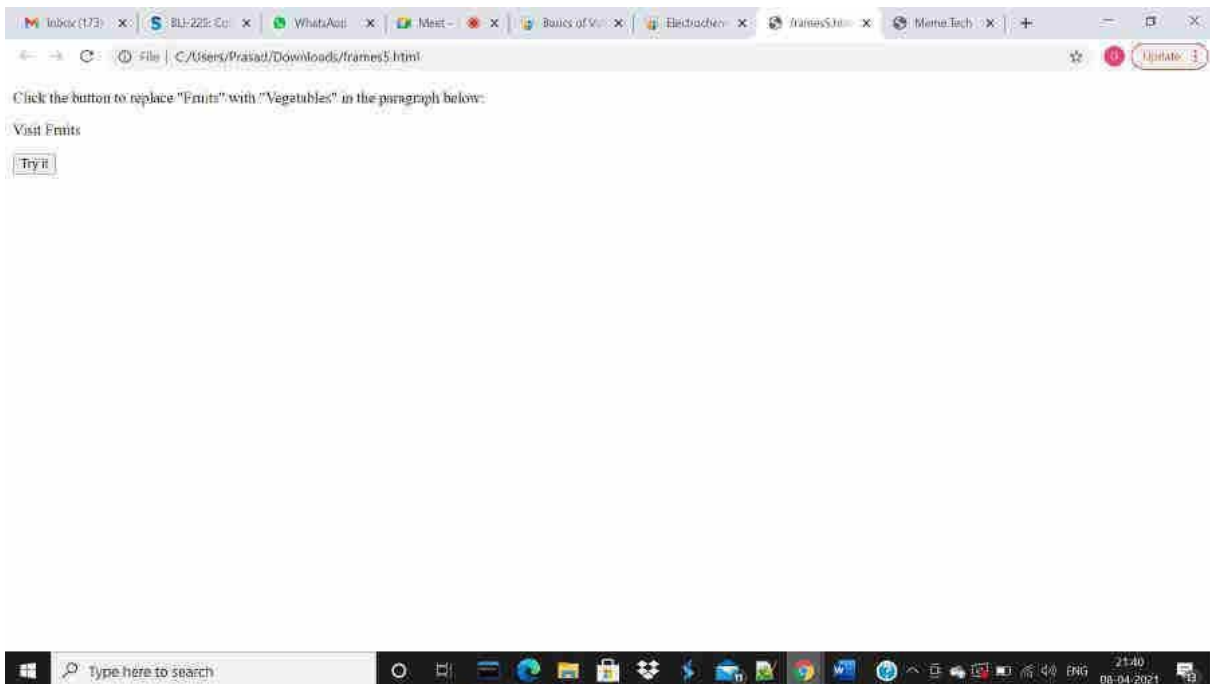
```
}
```

```
</script>
```

```
</body>
```

```
</html>
```





- Concat

Code:

```
<!DOCTYPE html>

<html>

<body>

<p>Click the button to join two strings into one new string.</p>

<button onclick="myFunction()">Try it</button>

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

<script>

function myFunction() { var str1 = "How are"; var str2 = " u";

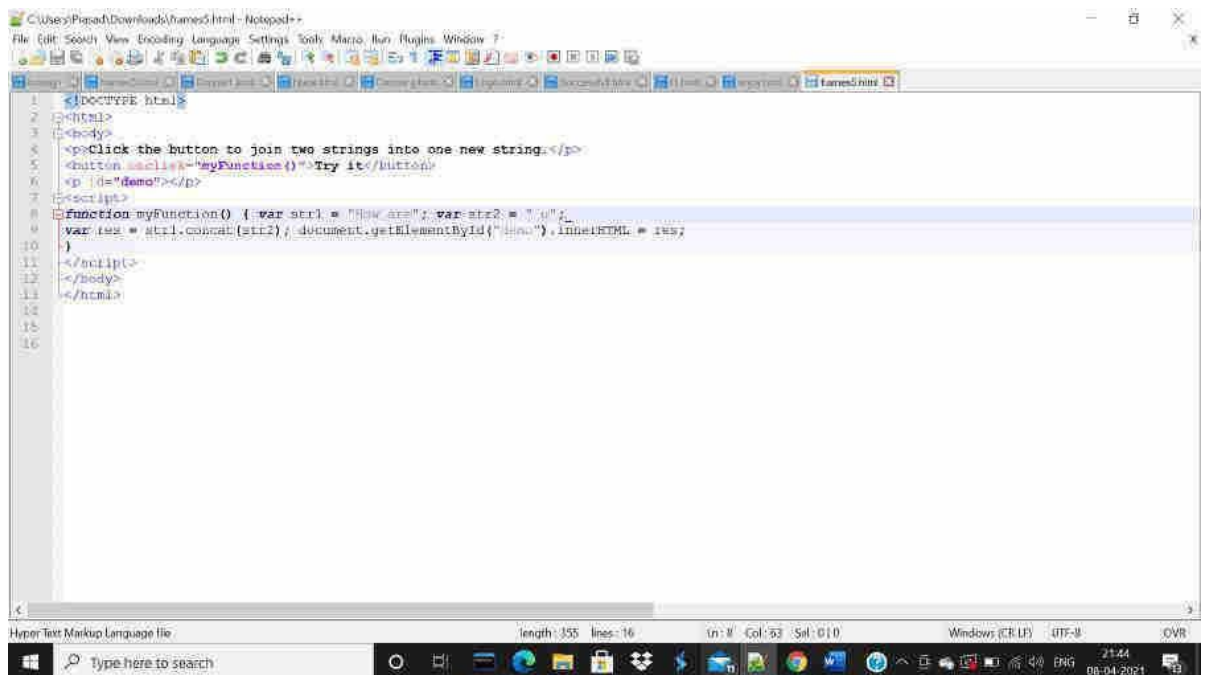
var res = str1.concat(str2); document.getElementById("demo").innerHTML = res;

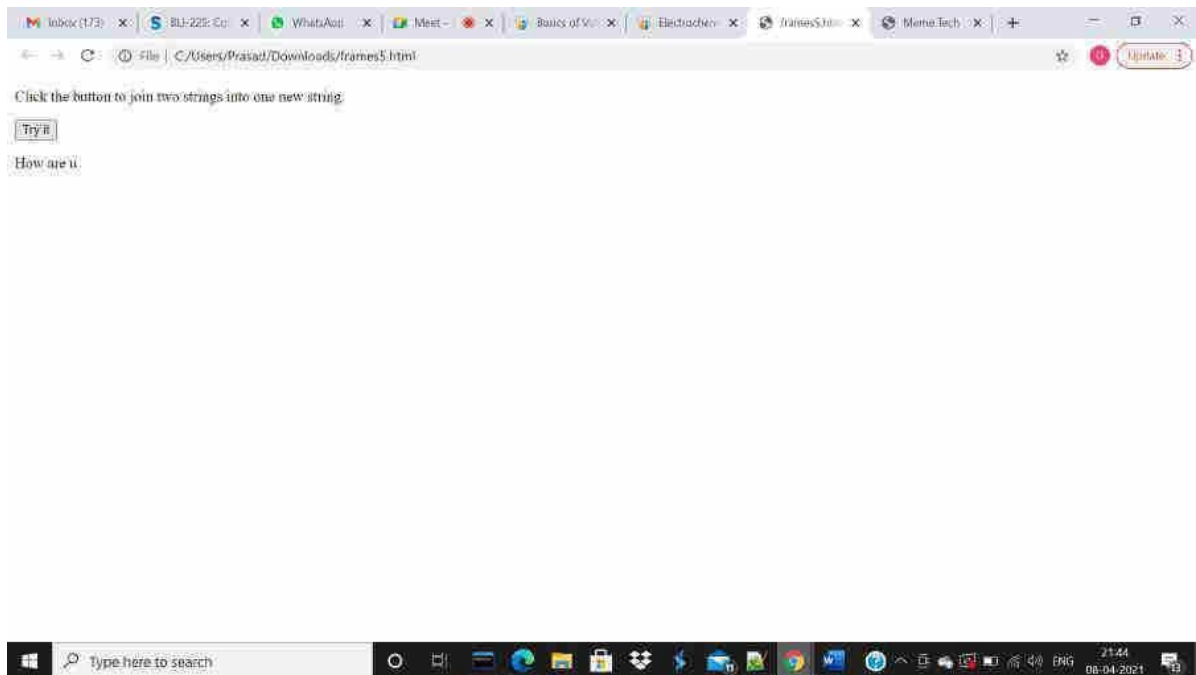
}

</script>

</body>

</html>
```





- charAt

Code:

```
<!DOCTYPE html>

<html>

<body>

<p>Click the button to display the first character of the string "This is JAVA"</p>

<button onclick="myFunction()">Try it</button>

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

<script>

function myFunction() {

var str = "This is JAVA"; var res = str.charAt(0)

document.getElementById("demo").innerHTML = res;

}

</script>

</body>

</html>
```

