**Javascript**

**Code 1: To display date and time**

<!DOCTYPE html>

<html>

<body>

<h1>My First JavaScript</h1>

<button type="button"

onclick="document.getElementById('demo').innerHTML = Date()">

Click on it</button>

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

</body>

</html>

**Code 2: Hello Javascript**

<!DOCTYPE html>

<html>

<body>

<h1>Javascript</h1>

<p id="demo">JavaScript can change HTML content.</p>

<button type="button" onclick='document.getElementById("demo").innerHTML = "Hello JavaScript!"'>Click</button>

</body>

</html>

**Note:**

* Javascript is case sensitive
* Javascript is totally different from java
* Javascript helps in maintaining the behavior of the web pages

**Code 3:**

<!DOCTYPE html>

<html>

<head>

<script>

function myFunction() {

document.getElementById("demo").innerHTML = "Paragraph changed.";

}

</script>

</head>

<body>

<h1>JavaScript in Head</h1>

<p id="demo">A Paragraph.</p>

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

</body>

</html>

**Code 4:**

<!DOCTYPE html>

<html>

<body>

<h1>My First Web Page</h1>

<p>My First Paragraph.</p>

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

<script>

document.getElementById("demo").innerHTML = 5 + 6;

</script>

</body>

</html>

Note:

JavaScript can "display" data in different ways:

* Writing into an HTML element, using innerHTML.
* Writing into the HTML output using document.write().
* Writing into an alert box, using window.alert().
* Writing into the browser console, using console.log().

**Code 5: Output window**

<!DOCTYPE html>

<html>

<body>

<h1>My First Web Page</h1>

<p>My first paragraph.</p>

<script>

document.write(54 + 46);

</script>

</body>

</html>

**Code 6: Alert message output**

<!DOCTYPE html>

<html>

<body>

<h1>My First Web Page</h1>

<p>My first paragraph.</p>

<script>

window.alert(5 + 6);

</script>

</body>

</html>

**Code 7: Declaring variables and calculations**

!DOCTYPE html>

<html>

<body> !DOCTYPE html>

<html>

<body>

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

<script>

var x, y, z;

x = 5;

y = 21;

z = x + y;

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

</script>

</body>

</html>

**Code 8: Displaying the lastname and variables.**

<!DOCTYPE html>

<html>

<body>

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

<script>

var lastname, lastName;

lastName = "Shivanna";

lastname = "Mshivanna";

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

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

</script>

</body>

</html>