**JavaScript**

1. Basic Output

<script>  
document.getElementById("demo").innerHTML = "My First JavaScript";  
</script>

2) In Head

<!DOCTYPE html>  
<html>

<head>  
<script>  
function myFunction() {  
  document.getElementById("demo").innerHTML = "Paragraph changed.";  
}  
</script>  
</head>  
<body>

<h1>A Web Page</h1>  
<p id="demo">A Paragraph</p>  
<button type="button" onclick="myFunction()">Try it</button>

</body>  
</html>

3) In Body

<!DOCTYPE html>  
<html>  
<body>   
  
<h1>A Web Page</h1>  
<p id="demo">A Paragraph</p>  
<button type="button" onclick="myFunction()">Try it</button>  
  
<script>  
function myFunction() {  
 document.getElementById("demo").innerHTML = "Paragraph changed.";  
}  
</script>  
  
</body>  
</html>

4) External:

<script src="myScript.js"></script>

5) More Output:

<!DOCTYPE html>  
<html>  
<body>  
  
<h1>My First Web Page</h1>  
<p>My first paragraph.</p>  
  
<script>  
document.write(5 + 6);  
</script>  
  
</body>  
</html>

6) Output with button:

<!DOCTYPE html>  
<html>  
<body>  
  
<h1>My First Web Page</h1>  
<p>My first paragraph.</p>  
  
<button type="button" onclick="document.write(5 + 6)">Try it</button>  
  
</body>  
</html>

7) Output with alert

<!DOCTYPE html>  
<html>  
<body>  
  
<h1>My First Web Page</h1>  
<p>My first paragraph.</p>  
  
<script>  
window.alert(5 + 6);  
</script>  
  
</body>  
</html>

8) Variables

var x, y, z;    // Statement 1  
x = 5;          // Statement 2  
y = 6;          // Statement 3  
z = x + y;      // Statement 4

var x;  
  
x = 6;

9) Operators:

!DOCTYPE html>

<html>

<body>

<h2>The += Operator</h2>

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

<script>

var x = 10;

x += 5;

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

</script>

</body>

</html>

Data Types:

var length = 16;                               // Number  
var lastName = "Johnson";                      // String  
var x = {firstName:"John", lastName:"Doe"};    // Object

var x = 16 + "Volvo";

var x = 16 + 4 + "Volvo";

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Build a simple calculator for additon:



