**Assignment 01:**

1. Display “HelloWorld” by JS on browser

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript in Body</h2>

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

<script>

document.getElementById("demo").innerHTML = "Hello World";

</script>

</body>

</html>

1. Use comment to invisible text “Hello World” by 2 approaches

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript in Body</h2>

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

<script>

//document.getElementById("demo").innerHTML = "Hello World";

</script>

</body>

</html>

1. Create a variable called carName, assign the value "Volvo" to it, and display it.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

<p>Create a variable called carName, assign the value "Volvo" to it, and display it..</p>

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

<script>

var carName;

carName = "Volvo"

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

</script>

</body>

</html>

1. Create a variable called **number**, assign the value **50** to it, and display it.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

<p>Create a variable called carName, assign the value "Volvo" to it, and display it..</p>

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

<script>

var x;

x = 50

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

</script>

</body>

</html>

1. The code below should display "Volvo" - Fix it.

<!DOCTYPE html>

<html>

<body>

<p id="demo">Display the result here.</p>

<script>

var carName = "Volvo";

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

</script>

</body>

</html>

Answer:

<!DOCTYPE html>

<html>

<body>

<p id="demo">Display the result here.</p>

<script>

var carName = "Volvo";

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

</script>

</body>

</html>

1. Display the sum of 5 + 10, using two variables x and y.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

<p>Create a variable called carName, assign the value "Volvo" to it, and display it..</p>

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

<script>

var x =5, y =10;

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

</script>

</body>

</html>

1. Create a third variable called **z**, assign x + y to it, and display it

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

<p>Create 3 variable called firstName, lastName and age </p>

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

<script>

var x =5, y =10;

z = x + y

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

</script>

</body>

</html>

1. Use a single var keyword to create three variables with the following values:

firstName = "John"

lastName = "Doe"

age = 35

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

<p>Create 3 variable called firstName, lastName and age </p>

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

<script>

var firstName=“John”, lastName= “Doe”, age=35;

</script>

</body>

</html>

1. Display the difference of 10 - 5, using two variables x and y.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

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

<script>

var x=10,y=5;

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

</script>

</body>

1. Display the product of 10 \* 5, using two variables x and y.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

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

<script>

var x=10,y=5;

document.getElementById("demo").innerHTML = x\*y;

</script>

</body>

</html>

1. Display the result of 10 / 5, using two variables x and y.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

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

<script>

var x=10,y=5;

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

</script>

</body>

</html>

1. Find the **remainder** when 15 is divided by 9, using two variables x and y.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

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

<script>

var x=15,y=9;

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

</script>

</body>

</html>

1. Use the += operator to add a value of 5 to the variable x.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

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

<script>

var x=10;

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

</script>

</body>

</html>

1. Use the -= operator to subtract a value of 5 from the variable x.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

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

<script>

var x=10;

document.getElementById("demo").innerHTML = x-=5;

</script>

</body>

</html>

1. Use the \*= operator to multiply the variable x with 5.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

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

<script>

var x=10;

document.getElementById("demo").innerHTML = x\*=5;

</script>

</body>

</html>

1. Use the /= operator to divide the variable x with 5.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

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

<script>

var x=10;

document.getElementById("demo").innerHTML = x/=5;

</script>

</body>

</html>

1. Use the %= operator to assign a remainder of 10 / 3 to the variable x.

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Statements</h2>

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

<script>

var x=10;

document.getElementById("demo").innerHTML = x%=3;

</script>

</body>

</html>