Name: Moldir Kumarbek

Group:BD-2005

<!DOCTYPE html>

<html>

<body>

<h2>The \* Operator</h2>

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

<script>

var x = -9;

var y = 3;

var z = x \* y;

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

</script>

<h2>Practice2</h2>

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

<script>

var x = "value is ";

var y = 50;

var z = x + y;

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

</script>

<h2>The % Operator</h2>

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

<script>

var x = 17;

var y = 5;

var z = x % y;

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

</script>

<h2>The % Operator</h2>

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

<script>

var x = 5;

var y = 17;

var z = x % y;

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

</script>

<h2>The / Operator</h2>

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

<script>

var x = 5;

var y = 10;

var z = x / y;

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

</script>

<h2>JavaScript Comparison</h2>

<p>Assign 4 to x, and display the value of the comparison (x == 4):</p>

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

<script>

var x = 4;

document.getElementById("demo").innerHTML = (x == 4);

</script>

<h2>JavaScript Comparison</h2>

<p>Assign 4 to x, and display the value of the comparison (x != 5):</p>

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

<script>

var x = 4;

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

</script>

<h2>JavaScript Comparison</h2>

<p>Assign 7 to x, and display the value of the comparison (x <= 8):</p>

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

<script>

var x = 7;

document.getElementById("demo").innerHTML = (x <= 8);

</script>

<h2>Practice2</h2>

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

<script>

var z = Math.ceil(x)-Math.floor(x);

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

</script>

<h2>binary numbers into decimal numbers 1</h2>

<script type="text/javascript">

var binary = "110111";

var decimal = parseInt(binary, 2);

alert(decimal);

</script>

<h2>binary numbers into decimal numbers 2</h2>

<script type="text/javascript">

var binary = "101011";

var decimal = parseInt(binary, 2);

alert(decimal);

</script>

<h2>binary numbers into decimal numbers 3</h2>

<script type="text/javascript">

var binary = "10100";

var decimal = parseInt(binary, 2);

alert(decimal);

</script>

<h2>13</h2>

<script type="text/javascript">

alert("Hello World");</script>

<h2>14</h2>

<form>

1st Number : <input type="text" id="firstNumber" /><br>

2nd Number: <input type="text" id="secondNumber" /><br>

<input type="button" onClick="multiply()" Value="Multiply" />

</form>

<p>The Result is : <br>

<span id = "result"></span>

</p>

<script>

function multiply()

{

num1 = document.getElementById("firstNumber").value;

num2 = document.getElementById("secondNumber").value;

document.getElementById("result").innerHTML = num1 \* num2;

}

</script>

<h2>15</h2>

<script>

var n = prompt("Please enter a number.");

alert("Your number is "+ n);

</script>

<h2>16</h2>

<p>Sum of two numbers is:</p>

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

<script>

const num1 = parseInt(prompt('Enter the first number '));

const num2 = parseInt(prompt('Enter the second number '));

document.getElementById("demo").innerHTML = num1 + num2;

</script>

<h2>17</h2>

<p>Click the button to get the largest number.</p>

<button onclick="myFunction()">Larger number is:</button>

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

<script>

const num1 = parseInt(prompt('Enter the first number '));

const num2 = parseInt(prompt('Enter the second number '));

var points = [num1, num2];

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

function myFunction() {

points.sort(function(a, b){return b-a});

document.getElementById("demo").innerHTML = points[0];

}

</script>

<h2>18</h2>

<p>Click the button to sort the numbers in ascending order.</p>

<button onclick="myFunction()">sort in ascending order</button>

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

<script>

const num1 = parseInt(prompt('Enter the first number '));

const num2 = parseInt(prompt('Enter the second number '));

var points = [num1, num2];

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

function myFunction() {

points.sort(function(a, b){return a-b});

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

}

</script>

<h2>19</h2>

<script>

for (var i=0; i<=5; i++)

{

alert(i);

}

</script>

<h2>20</h2>

<script>

for (var i=9; i>=0; i--) {

alert(i);

}

</script>

<h2>21</h2>

<script>

for (var i=0; i<=20; i++)

{

if (i%3==0)

alert(i);

}

</script>

<h2>22</h2>

<script>

for (var i=9; i>=0; i--) {

alert(i);

}

</script>

<h2>23</h2>

<script>

var n = prompt("Please enter a number in the range 0...100");

while (n<0 || n>100)

{

alert(n +" is out. Please, try again.");

n = prompt("Please enter a number in the range 0...100");

}

</script>

</body>

</html>