**JavaScript-2**

1. **Write a javascript program to show date and time in this format: 2020-08-20 10:12:30**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title></title>

<script>

var year= parseInt(prompt("Enter Year: "));

var month= parseInt(prompt("Enter Month: "));

var day= parseInt(prompt("Enter Day: "));

var hour= parseInt(prompt("Enter Hour: "));

var minute= parseInt(prompt("Enter Minute: "));

var second= parseInt(prompt("Enter Second: "));

document.write("<br>Date and Time: "+year +"-"+month+ "-"+ day+ " "+ hour +":"+ minute+":"+ second);

</script>

</head>

<body>

</body>

</html>

**2. WAP in show javascript events for the following:**

* 1. **Change the Text on <H1> when you click on that <H1> element. (Hint: use innerHTML property to set your text)**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title></title>

<script>

function changeTxt(t,change)

{

var change = document.getElementById(change);

change.innerHTML = t;

change.style.color = "#0f52ba";

}

</script>

</head>

<body>

<h1 id="h1">This is my Heading.</h1>

<button type="button"><div id="thisisdivision"onclick="changeTxt('The Text Has Now been Changed.<br> Thankyou!','h1');">Click here</div></button>

</body>

</html>

**B. When you click on the button, display date and time.**

<!DOCTYPE html>

<html>

<body>

<button type="button"

onclick="document.getElementById('date\_time\_button').innerHTML = Date()">

Click and see Date and Time.</button>

<p id="date\_time\_button"></p>

</body>

</html>

**3. . Write a Javascript program to create function and call them in mouse events:**

1. **Create mOver() function to show Thank You Text in the innerHTML of div element, and call this function on onmouseover event**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title></title>

<script>

function mover(){

document.getElementById("visiblediv").style.display="block"

}

function mout() {

document.getElementById("visiblediv").style.display="none"

}

</script>

<div id = "div1" onmouseover="mover()" onmouseout="mout()">

This is Div

</div>

<div id = "visiblediv" style="visibility:visible;border:1px dotted black">

Thankyou!

</div>

</body>

</html>

**B. Create mOut() function to show Mouse Over Me Text in the innerHTML of div element, and call this function on onmouseout event.**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title></title>

<script>

function mover(){

document.getElementById("visiblediv").style.display="block"

}

function mout() {

document.getElementById("visiblediv").style.display="none"

}

</script>

<div id = "div1" onmouseover="mover()" onmouseout="mout()">

This is Div

</div>

<div id = "visiblediv" style="visibility:visible;border:1px dashed">

Mouse Over Me

</div>

</body>

</html>

**4. Write a JavaScript program to change the background color of a paragraph.**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title></title>

<script>

function changeParagraphBg(color)

{

document.getElementById("paragraph").style.background = color;

}

</script>

</head>

<body>

<p id="paragraph">This is a paragraph of text.</h1>

<hr>

<div>

<label>Change Paragraph Background To:</label>

<button type="button" onclick="changeParagraphBg('gray');">Gray</button>

<button type="button" onclick="changeParagraphBg('yellow');">Yellow</button>

<button type="button" onclick="changeParagraphBg('blue');">Blue</button>

</div>

</body>

</html>

**5. Write a JavaScript program to validate following.**

1. **Check whether a given value type entered in text box is NaN or not.**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title></title>

<script>

var x= prompt("Enter a word: ");

if (x == "NaN")

document.write("The Entered Text is NaN");

else

document.write("The Entered Word is not NaN but it is " +x);

</script>

</body>

</html>

**B. Check whether two inputs entered in password and confirm password text fields are same or not.**

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<title></title>

<script>

var x = prompt("Enter Password: ");

var y = prompt("Confirm Password: ");

if (x == y)

document.write("Matched");

else

document.write("Your Password did not Matched!");

</script>

</body>

</html>