**W.T. LAB-07**

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# Here is a sample html file with a submit button. Now modify the style of the paragraph text through javascript code.

Code:

<!DOCTYPE html>

<html>

<head>

<meta charset=utf-8 />

<title>JS DOM paragraph style</title>

<style type="text/css">

</style>

</head>

<body align="center">

<p id ='text'>JavaScript Exercise –test </p>

<div>

<button id="jsstyle" onclick="js\_style()">Style</button>

</div>

<script>

function js\_style(){

var text = document.querySelector("#text");

text.style.cssText = "background-color:cyan;font-size:50px;font-family:ariel;";

}

</script>

</body>

</html>

# Write a JavaScript function to get the values of First and Last name of the following form.

Code:-

<!DOCTYPE html>

<html><head>

<meta charset=utf-8 />

<title>Return first and last name from js</title>

</head><body>

<form id="form11" name="form">

First name: <input type="text" name="fname" id="first"><br>

Last name: <input type="text" name="lname" id="last"><br>

<input type="submit" value="Submit" id="sub">

</form>

<script>

var word = document.querySelector("#sub");

word.addEventListener("click",fun);

function fun(e){

var first = document.querySelector("#first").value;

var last = document.querySelector("#last").value;

alert(first);

alert(last);

};

</script>

</body>

</html>

# Write a JavaScript program to count and display the items of a dropdown list, in an alert window.

Code:

<!DOCTYPE html>

<html><head>

<meta charset=utf-8 />

<title>Return first and last name from js</title>

</head><body>

<form id="form11" name="form">

Select:

<select name="select" id="select">

<option value="tel">telphone</option>

<option value="shduf">phone</option>

<option value="tdfsdh">call</option>

<option value="shggd">roll</option>

</select>

<input type="submit" value="Submit" onclick="getOptions()">

</form>

<script>

function getOptions(){

var x= document.getElementById("select");

var txt1 = "No. of items in dropdown is : ";

var i;

l=document.getElementById("select").length;

txt1 = txt1+l;

for (i=0;i<x.length;i++){

txt1 = txt1 + "\n" + x.options[i].text;

}

alert(txt1);

}

</script>

</body>

</html>

# Write a JavaScript program to highlight the bold words of the paragraph, on mouse over a certain link.

Code:

<html>

<head>

<title>highlight</title>

</head>

<body>

<p >[<a href="#" onMouseOver="highlight()" onMouseOut="return\_normal()">link</a>]

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to provide quality higher education

to the talented rural youth of the<strong>state of Telangana</strong> . Established in 2008 by the then united Government of Andhra Pradesh and later was

adopted by the<strong> Government</strong> of Telangana through a special of

<strong>act</strong>legislation.

</p>

<script>

var bold\_Items; window.onload = getBold\_items(); function getBold\_items()

{

bold\_Items = document.getElementsByTagName('strong');

}

function highlight()

{

for (var i=0; i<bold\_Items.length; i++)

{

bold\_Items[i].style.color = "green";

}

}

function return\_normal()

{

for (var i=0; i<bold\_Items.length; i++)

{

bold\_Items[i].style.color = "black";

}

}

</script>

</body>

</htm>

# Write a JavaScript program to get the width and height of the window (any time the window is resized).

Code:

<html>

<head>

\

<title>window size</title>

</head>

<body onload="getsize()" onresize="getsize()">

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

</body>

<script>

function getsize()

{

var x=document.documentElement.clientWidth; var y=document.documentElement.clientHeight;

document.getElementById('span').innerHTML="width"+x+" "+"height"+y;

}

</script>

</html>

# Write a JavaScript function to validate whether a given value is number or not.

Code:

<html>

<head>

<title>

number or not

</title>

</head>

<body >

<form name="myform" onsubmit=" return validate()"> enter a number:<input type="text" name="num"><br><br>

<button type="submit" name="button">Submit</button>

</form>

<script>

function validate()

{

var x=document.myform.num.value; if(!(x.match(/^([0-9]+)$/)))

{

alert("not a number"); return false;

}

return true;

}

</script>

</body>

</html>

# Validate Registration, login, forgot password page using JavaScript First name and last name should contain only characters

**User name length should be not be less than 6 and greater than 15 characters Password length is of minimum 6 characters and should contain at least one upper case, one lower case, one digit, one special character and it should start with an alphabet only.**

# Email id should be in proper format ---------@------------

**Phone number should contain only 10 numbers.**

# Note: You can apply validation to remaining form fields also.

**Code:**

<!DOCTYPE html>

<html>

<head>

<title></title>

<style>

body{

display: flex;

justify-content: center;

align-items: center;

}

fieldset{

border: 7px #bf1774;

border-style:outset;

background-color:#ffe6ff;

border-radius: 5%;

}

table{

border-spacing: 15px;

padding:0px;

}

#sub{

border-radius: 50px;

border:2px solid red;

width:100px;

font-size: 16px;

background-image:linear-gradient(to right,skyblue,pink);

color: darkred;

}

#sub:hover{

box-shadow:2px 2px 5px 5px rgba(0, 0, 0, 0.5);

}

p{

color:blue;

font-size:20px;

font-style:italic;background-image: linear-gradient(to right,yellow,pink);

border: 2px solid gray;

padding: 3px;

}

input[type=file]{

}

</style>

</head>

<body align='center'>

<form name="form">

<fieldset>

<legend><p>Form</p></legend>

<table>

<tr>

<td>First Name:</td>

<td><input type="text" name="first" id="first"></td>

</tr>

<tr>

<td>Last Name:</td>

<td><input type="text" name="last" id="last"></td>

</tr>

<tr>

<td>Gender:</td>

<td><input type="radio" name="gen" >Male

<input type="radio" name="gen">Female</td>

</tr>

<tr>

<td>DOB:</td>

<td><input type="date" name="date" ></td>

</tr>

<tr>

<td>Email:</td>

<td><input type="email" name="email" ></td>

</tr>

<tr>

<td>Phone:</td>

<td><input type="tel" name="tel" id="tel"></td>

</tr>

<tr>

<td>Password:</td>

<td><input type="Password" name="pass" id="pass"></td>

</tr>

<tr>

<td>Confirm Password:</td>

<td><input type="Password" name="conf" id="conf"></td>

</tr>

<tr>

<td>Select:</td>

<td>

<select name="select">

<option value="tel">telphone</option>

<option value="shduf">phone</option>

<option value="tdfsdh">call</option>

<option value="shggd">roll</option>

</select>

</td>

<tr>

<td>Datalist:</td>

<td><input list="demo">

<datalist id="demo">

<option value="her"></option>

<option value="tel"></option>

</datalist>

</td>

</tr>

<tr>

<td>File:</td>

<td><input type="file" name="file" multiple></td>

</tr>

<tr>

<td colspan="2"><input type="submit" value="submit" id="sub" onclick = "ValidateEmail(document.form.email),validateForm(),validatepass()"></td>

</tr>

</table>

</fieldset>

</form>

<script>

function validateForm() {

let x = document.forms["form"]["first"].value;

if (x == "") {

alert("First-Name must be filled out");

}

let y = document.forms["form"]["last"].value;

if (y == "") {

alert("Last-Name must be filled out");

}

let z = document.forms["form"]["gen"].value;

if (z == "") {

alert("gender must be filled out");

}

let u = document.forms["form"]["email"].value;

if (u == "") {

alert("Email must be filled out");

}

let i = document.forms["form"]["tel"].value;

if (i == "") {

alert("Tel-Number must be filled out");

}

return false;

}

var fname = document.querySelector("#first");

fname.addEventListener("input",validatefname);

function validatefname(){

var fname = document.querySelector("#first");

var fnamematch = /^[A-Z]{1}+[A-Za-z]$/

if(fname.value.match(fnamematch)){

fname.style.cssText = "background-color:lightgreen";

fname.style.border = "1px solid black";

}

else{

fname.style.cssText = "background-color:yellow";

fname.style.border = "4px solid red";

}

}

var tel = document.querySelector("#tel");

let s = document.querySelector('#sub');

s.addEventListener('click',function() {

console.log(tel.value);

});

function ValidateEmail(e)

{

var mailformat = /\w\*@\w\*(\.\w{2,3})/;

if(e.value.match(mailformat))

{

alert("Valid email address!");

return true;

}

else

{

alert("You have entered an invalid email address!");

return false;

}

}

function validatepass(){

var password = document.querySelector("#pass").value;

var confirm = document.querySelector("#conf").value;

if(password!=confirm){

alert("Re-enter Password");

}

}

var phone = document.querySelector('#tel');

phone.addEventListener("input",telpho);

function telpho(){

var tep = /[0-9]{10}/

if(phone.value.match(tep)){

phone.style.cssText = "background-color:lightgreen";

phone.style.border = "1px solid black";

if(phone.value.length==10){

phone.style.cssText = "background-color:lightgreen";

phone.style.border = "1px solid black";

}

else{

phone.style.cssText = "background-color:yellow";

phone.style.border = "4px solid red";

}

}

else{

phone.style.cssText = "background-color:yellow";

phone.style.border = "4px solid red";

}

}

phone.addEventListener("blur",blu);

function blu(){

var phone = document.querySelector('#tel');

phone.style.cssText = "background-color:white";

phone.style.border = "1px solid black";

}

var word = document.querySelector("#conf");

word.addEventListener("input",function(){

var password = document.querySelector("#pass").value;

var confirm = document.querySelector("#conf").value;

if(password==confirm){

word.style.cssText = "background-color:lightgreen";

word.style.border = "1px solid black";

}

else if(password!=confirm){

word.style.cssText = "background-color:yellow";

word.style.border = "4px solid red";

}

})

word.addEventListener("blur",blur);

function blur(){

var word = document.querySelector("#conf");

word.style.cssText = "background-color:white";

word.style.border = "1px solid black";

</script>

</body>

</html>

Outputs:-

















