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# Email Validation

function ValidateEmail(mail)

{

if (/^\w+([\.-]?\w+)\*@\w+([\.-]?\w+)\*(\.\w{2,3})+$/.test(myForm.emailAddr.value))

{

return (true)

}

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

return (false)

}

# Required

// If the length of the element's string is 0 then display helper message

function required(inputtx)

{

if (inputtx.value.length == 0)

{

alert("message");

return false;

}

return true;

}

# ALL Letters

// Javascript function to check for all letters in a field

function allLetter(inputtxt)

{

var letters = /^[A-Za-z]+$/;

if(inputtxt.value.match(letters))

{

return true;

}

else

{

alert("message");

return false;

}

}

# Numeric Plus Minus

// checking for all numbers

function allnumericplusminus(inputtxt)

{

var numbers = /^[-+]?[0-9]+$/;

if(inputtxt.value.match(numbers))

{

alert('Correct...Try another');

document.form1.text1.focus();

return true;

}

else

{

alert('Please input correct format');

document.form1.text1.focus();

return false;

}

}

# Checking Decimal/Floating Number

// checking for Floating point numbers

function CheckDecimal(inputtxt)

{

var decimal= /^[-+]?[0-9]+\.[0-9]+$/;

if(inputtxt.value.match(decimal))

{

alert('Correct, try another...')

return true;

}

else

{

alert('Wrong...!')

return false;

}

}

# numbers and letters

// HTML Form - checking for numbers and letters

// Function to check letters and numbers

function alphanumeric(inputtxt)

{

var letterNumber = /^[0-9a-zA-Z]+$/;

if((inputtxt.value.match(letterNumber))

{

return true;

}

else{

alert("message");

return false;

}

}

restricting the length

function lengthRange(inputtxt, minlength, maxlength)

{

var userInput = inputtxt.value;

if(userInput.length >= minlength && userInput.length <= maxlength)

{

return true;

}

else

{

alert("Please input between " +minlength+ " and " +maxlength+ " characters");

return false;

}

}

Date validation

function validatedate(inputText)

{

var dateformat = /^(0?[1-9]|[12][0-9]|3[01])[\/\-](0?[1-9]|1[012])[\/\-]\d{4}$/;

// Match the date format through regular expression

if(inputText.value.match(dateformat))

{

document.form1.text1.focus();

//Test which seperator is used '/' or '-'

var opera1 = inputText.value.split('/');

var opera2 = inputText.value.split('-');

lopera1 = opera1.length;

lopera2 = opera2.length;

// Extract the string into month, date and year

if (lopera1>1)

{

var pdate = inputText.value.split('/');

}

else if (lopera2>1)

{

var pdate = inputText.value.split('-');

}

var dd = parseInt(pdate[0]);

var mm = parseInt(pdate[1]);

var yy = parseInt(pdate[2]);

// Create list of days of a month [assume there is no leap year by default]

var ListofDays = [31,28,31,30,31,30,31,31,30,31,30,31];

if (mm==1 || mm>2)

{

if (dd>ListofDays[mm-1])

{

alert('Invalid date format!');

return false;

}

}

if (mm==2)

{

var lyear = false;

if ( (!(yy % 4) && yy % 100) || !(yy % 400))

{

lyear = true;

}

if ((lyear==false) && (dd>=29))

{

alert('Invalid date format!');

return false;

}

if ((lyear==true) && (dd>29))

{

alert('Invalid date format!');

return false;

}

}

}

else

{

alert("Invalid date format!");

document.form1.text1.focus();

return false;

}

}

# // Phone Number validation

function phonenumber(inputtxt)

{

var phoneno = /^\d{10}$/;

if((inputtxt.value.match(phoneno))

{

return true;

}

else

{

alert("message");

return false;

}

}

Credit Card Number validation

function cardnumber(inputtxt)

{

var cardno = /^(?:3[47][0-9]{13})$/;

if(inputtxt.value.match(cardno))

{

return true;

}

else

{

alert("Not a valid Amercican Express credit card number!");

return false;

}

}

# Password Validation

## Check Password

// checking for password

function CheckPassword(inputtxt)

{

var passw= /^[A-Za-z]\w{7,14}$/;

if(inputtxt.value.match(passw))

{

alert('Correct, try another...')

return true;

}

else

{

alert('Wrong...!')

return false;

}

}

## Password length 6-20 min 1 numberic, uppercase,lowercase

// Input Password and Submit [6 to 20 characters which contain at least one numeric digit, one uppercase and one lowercase letter]

function CheckPassword(inputtxt)

{

var passw = /^(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{6,20}$/;

if(inputtxt.value.match(passw))

{

alert('Correct, try another...')

return true;

}

else

{

alert('Wrong...!')

return false;

}

}

## Password length 7-15 , one numeric and special character

// To check a password between 7 to 15 characters which contain at least one numeric digit and a special character

function CheckPassword(inputtxt)

{

var paswd= /^(?=.\*[0-9])(?=.\*[!@#$%^&\*])[a-zA-Z0-9!@#$%^&\*]{7,15}$/;

if(inputtxt.value.match(paswd))

{

alert('Correct, try another...')

return true;

}

else

{

alert('Wrong...!')

return false;

}

}

Password length 8-15, 1 upper, lower, numeric and special character

// To check a password between 8 to 15 characters which contain at least one lowercase letter, one uppercase letter, one numeric digit, and one special character

function CheckPassword(inputtxt)

{

var decimal= /^(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z])(?=.\*[^a-zA-Z0-9])(?!.\*\s).{8,15}$/;

if(inputtxt.value.match(decimal))

{

alert('Correct, try another...')

return true;

}

else

{

alert('Wrong...!')

return false;

}

}

IP address validation

function ValidateIPaddress(ipaddress)

{

if (/^(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)\.(25[0-5]|2[0-4][0-9]|[01]?[0-9][0-9]?)$/.test(myForm.emailAddr.value))

{

return (true)

}

alert("You have entered an invalid IP address!")

return (false)

}