**Practical:10**

**Aim:** **Apply below mentioned validation on registration form:  
a. All the fields are mandatory  
b. Username should not contain any special character  
c. Length of password must be between 6-12 characters  
d. Email address must be valid  
e. Mobile number must contain digits and length of it must be 10  
f. The checkbox of terms and condition must be checked**

Code:

* Formvalidation1.html

<!DOCTYPE html>

<html>

<head>

<script src="formvalidation.js"></script>

</head>

<body>

<form name='registration' onSubmit="return formValidate();">

<b>Name:</b><br><input type="text" name="username" size="12" /><br>

<b>Password:</b><br><input type="password" name="passid" size="12" /><br>

<b>Address:</b><br><input type="text" name="address" size="50" /><br>

<b>Mobile number:</b><br><input type="text" name="numbar" size="12"/><br>

<b>Email ID:</b><br><input type="text" name="email" size="50" /><br>

<input type="checkbox" name="cb" value="en" checked />Terms and conditions<br>

<input type="submit" name="submit" value="Submit" />

</form>

</body>

</html>

* Formvalidation.js

function formValidate()

{

var uname = document.registration.username;

var pass = document.registration.passid;

var add = document.registration.address;

var num = document.registration.numbar;

var uemail = document.registration.email;

if(validate\_username(uname))

{

if(validate\_password(pass))

{

if(validate\_address(add))

{

if(validate\_num(num))

{

if(validate\_email(uemail))

{

}

}

}

}

}

return false;

}

function validate\_username(uname)

{

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

if(uname.value.match(letters))

{

return true;

}

else

{

alert("ussername should contain characters only");

return false;

}

}

function validate\_password(pass)

{

var pass\_length=pass.value.length;

if(pass\_length==0)

{

alert("enter the password");

return false;

}

else if(pass\_length<=7)

{

alert("password should be long");

return false;

}

else

return true;

}

function validate\_address(add)

{

var add\_chk=/^[0-9A-Za-z]+$/;

if(add.value.match(add\_chk))

{

return true;

}

else

{

alert("address must contain numerics");

return false;

}

}

function validate\_email(uemail)

{

var mailformat = /^\w+([\.-]?\w+)\*@\w+([\.-]?\w+)\*(\.\w{2,3})+$/;

if(uemail.value.match(mailformat))

{

return true;

}

else

{

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

return false;

}

}

function validate\_num(num)

{

var n=num.value.length;

if(n<10 || n>10)

{

alert("number not 10 digits");

return false;

}

else

return true;

}

**Website Output:**











