

PRACTICAL-8

AIM : ES-6 part-2 Object Constructor Function. Form Validation

Program :

```
<!DOCTYPE html>
<html lang="en"><head>
<meta charset="utf-8">
<title>Form Validation</title>
</head>
<h1>Registration Form</h1>
<form name='registration' onSubmit="return formValidation();">
<label for="userid">User id:</label>
<input type="text" name="userid" size="12" />
<br>
<br>
<label for="passid">Password:</label>
<input type="password" name="passid" size="12" />
<br>
<br>
<label for="username">Name:</label>
<input type="text" name="username" size="50" />
<br>
<br>
<label for="address">Address:</label>
<input type="text" name="address" size="50" />
<br>
<br>
<label for="country">Country:</label>
<select name="country">
<option selected="" value="Default">(Please select a country)</option>
<option value="AF">Australia</option>
<option value="AL">Canada</option>
<option value="DZ">India</option>
<option value="AS">Russia</option>
<option value="AD">USA</option>
</select>
<br>
<br>
<label for="zip">ZIP Code:</label>
```

```
<input type="text" name="zip" />
<br>
<br>
<label for="email">Email:</label>
<input type="text" name="email" size="50" />
<br>
<br>
<label id="gender">Sex:</label>
<input type="radio" name="msex" value="Male" /><span>Male</span>
<input type="radio" name="fsex" value="Female" /><span>Female</span>
<br>
<br>
<label>Language:</label>
<input type="checkbox" name="en" value="en" checked /><span>English</span>
<input type="checkbox" name="nonen" value="noen" /><span>Non English</span>
<br>
<br>
<label for="desc">About:</label>
<textarea name="desc" id="desc"></textarea>
<br>
<br>
<p id = "msg">

</p>
<input type="submit" name="submit" value="Submit" />
<script>
    function formValidation() {
        var uid = document.registration.userid;
        var passid = document.registration.passid;
        var uname = document.registration.username;
        var uaddr = document.registration.address;
        var ucountry = document.registration.country;
        var uzip = document.registration.zip;
        var uemail = document.registration.email;
        var umsex = document.registration.msex;
        var ufsex = document.registration.fsex;
        var errorMessage = "";
        if (!userid_validation(uid, 5, 12)) {
            document.getElementById("msg").innerHTML = "User Id should not be empty / length
be between 5 to 12";
        }
        if (!passid_validation(passid, 7, 12)) {
```

```
document.getElementById("msg").innerHTML= "Password should not be empty / length  
be between 7 to 12<br>";  
}  
if (!allLetter(uname)) {  
    document.getElementById("msg").innerHTML= "Username must have alphabet  
characters only<br>";  
}  
if (!alphanumeric(uadd)) {  
    document.getElementById("msg").innerHTML= "User address must have alphanumeric  
characters only<br>";  
}  
if (!countryselect(ucountry)) {  
    document.getElementById("msg").innerHTML= "Select your country from the  
list<br>";  
}  
if (!allnumeric(uzip)) {  
    document.getElementById("msg").innerHTML= "ZIP code must have numeric characters  
only<br>";  
}  
if (!ValidateEmail(uemail)) {  
    document.getElementById("msg").innerHTML= "You have entered an invalid email  
address!<br>";  
}  
if (!validsex(umsex, ufsex)) {  
    document.getElementById("msg").innerHTML= "Select Male/Female<br>";  
}  
if (errorMessage === "") {  
    alert('Form Successfully Submitted');  
    window.location.reload();  
    return true;  
}  
else {  
    document.getElementById("error").innerHTML = "<b>Errors:</b><br>" +  
errorMessage;  
    return false;  
}  
}  
</script>  
</form>  
</body>  
</html>
```

Output :

Form Validation

User id:

Password:

Name:

Address:

Country: ▼

ZIP Code:

Email:

Sex: Male Female

Language: English Non English

About: a

Conclusion :

From this practical I learned the concept of JS-VALIDATION.