



ASSIGNMENT



1. HTML website for registration with Java Script Validation.

Program:

```
<!--Joe Tom Thomas Registration page -->
<html>
<head>
<script type="text/javascript" >

    function valNm()          //function for First Name
    {
        var name1=document.forms["regForm"]["nme10"];
        var nj10=/^[a-z A-Z]{3,}$/;
        if(name1.value.match(nj10))
        {
            document.getElementById("p1").innerHTML="";
            //return true;
        }
        else
        {
            document.getElementById("p1").innerHTML="Enter correct First name";
            nm1.focus();
            //return false;
        }
    }
    function valNm1()          //function for Last Name
    {
        var name9=document.forms["regForm"]["nme2"];
        var nj7=/^[a-z A-Z]{3,}$/;
        if(name9.value.match(nj7))
        {
            document.getElementById("p8").innerHTML="";
            //return true;
        }
        else
        {
            document.getElementById("p8").innerHTML="Enter correct Last name";
            nm2.focus();
            //return false;
        }
    }
    function valAd()           //function for Address
    {
        var name2=document.forms["regForm"]["address"];
        var nj1=/^[a-z A-Z 0-9]{3,}$/;
```

```

if(name2.value.match(nj1))
{
document.getElementById("p2").innerHTML="";
//return true;
}
else
{
document.getElementById("p2").innerHTML="Enter correct address";
ad1.focus();
//return false;
}
}

function valPh()           //function for Phone Number
{
var name4=document.forms["regForm"]["phone"];
var nj3=/^[7-9][0-9]{9}$/;
if(name4.value.match(nj3))
{
document.getElementById("p4").innerHTML="";
//return true;
}
else
{
document.getElementById("p4").innerHTML="Enter correct phone number";
ph1.focus();
//return false;
}
}
function valzh()           //function for zipcode
{
var name8=document.forms["regForm"]["zip"];
var nj6=/^[1-9][0-9]{5}$/;
if(name8.value.match(nj6))
{
document.getElementById("p9").innerHTML="";
//return true;
}
else
{
document.getElementById("p9").innerHTML="Enter correct Zip code";
zh1.focus();
//return false;
}
}

```

```

function valst()          //function for State
{
    var name10=document.getElementById("inputState").value;
    if (name10 == "0")
    {
        document.getElementById("p11").innerHTML="Select State";
    }
    else
    {
        document.getElementById("p11").innerHTML="";
    }
}
function valcity()        //function for city
{
    var name11=document.forms["regForm"]["cty"];
    var nj8=/^[a-z A-Z]{3,}$/;
    if(name11.value.match(nj8))
    {
        document.getElementById("p12").innerHTML="";
        //return true;
    }
    else
    {
        document.getElementById("p12").innerHTML="Enter correct City";
        cty.focus();
        //return false;
    }
}
function valEm()          //function for Email
{
    var name3=document.forms["regForm"]["email"];
    var nj2=/^[a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,}$/;
    if(name3.value.match(nj2))
    {
        document.getElementById("p3").innerHTML="";
        //return true;
    }
    else
    {
        document.getElementById("p3").innerHTML="Enter correct email";
        em1.focus();
        //return false;
    }
}
function valEm1()         //function for Confirm email

```

```

{
    var name12=document.forms["regForm"]["email"];
    var name13=document.forms["regForm"]["email1"];
    var nj9=/^[a-z0-9._%+-]+@[a-z0-9.-]+\.[a-z]{2,}$/;
    if(name12.value.match(nj9))
    {
        document.getElementById("p10").innerHTML="";
        if(name12.value==name13.value)
        {
            document.getElementById("p10").innerHTML="";
        }
        else
        {
            document.getElementById("p10").innerHTML="Enter correct Confirm Email";
            em2.focus();
            //return false;
        }
        //return true;
    }
    else
    {
        document.getElementById("p10").innerHTML="Enter correct Confirm Email";
        em2.focus();
        //return false;
    }
}

function valPs()           //function for Password
{
    var name6=document.forms["regForm"]["upass"];
    var nj5=/^(?=.*\d)(?=.*\W)(?=.*[a-z])(?=.*[A-Z]).{8,}$/;

    var myInput = document.getElementById("ps1");
    myInput.onkeyup = function()
    {
        var psck1=/^[a-zA-z].{0,}$/; //To check one alphabet added
        var psck2=/[0-9].{0,}/g; //To check one number added
        var psck3=/[-
'`^~!#$%&_+=.,^&(){}[\]|;:”<>?\\]/g; // To check one special character added
        if(name6.value.match(psck2)) //To check one number added
        {
            document.getElementById("rd3").checked=true;
            document.getElementById("rd3").disabled = false;
        }
    }
}

```

```

}
else
{
    document.getElementById("rd3").checked=false;
    document.getElementById("rd3").disabled = true;
}
if(name6.value.match(psck1))//To check one alphabet added
{
    document.getElementById("rd2").checked=true;
    document.getElementById("rd2").disabled = false;
}
else
{
    document.getElementById("rd2").checked=false;
    document.getElementById("rd2").disabled = true;
}
if(myInput.value.length >= 8) // To check 8 or more characters entered
{
    document.getElementById("rd1").checked=true;
    document.getElementById("rd1").disabled = false;
}
else
{
    document.getElementById("rd1").checked=false;
    document.getElementById("rd1").disabled = true;
}
if(name6.value.match(psck3))// To check one special character added
{
    document.getElementById("rd4").checked=true;
    document.getElementById("rd4").disabled = false;
}
else
{
    document.getElementById("rd4").checked=false;
    document.getElementById("rd4").disabled = true;
}
}
if(name6.value.match(nj5))
{
    document.getElementById("p6").innerHTML="";
    //return true;
}
else
{

```

```

document.getElementById("p6").innerHTML="Enter correct password";
ps1.focus();
//return false;
}
}
function valPs1() //function for Confirm Password
{
    var name6=document.forms["regForm"]["upass"];
    var name7=document.forms["regForm"]["cupass"];
    var nj5=/^(?=\d)(?=\W)(?=[a-z])(?=[A-Z]).{8,}$/;
    if(name6.value.match(nj5))
    {
        document.getElementById("p7").innerHTML="";
        if(name6.value==name7.value)
        {
            document.getElementById("p7").innerHTML="";
        }
        else
        {
            document.getElementById("p7").innerHTML="Enter correct Confirm password";
            ps2.focus();
            //return false;
        }
        //return true;
    }
    else
    {
        document.getElementById("p7").innerHTML="Enter correct Confirm password";
        ps2.focus();
        //return false;
    }
}
function valus() //function for creating new user
{
    var pv1=document.getElementById("p1").textContent;
    var pv2=document.getElementById("p2").textContent;
    var pv3=document.getElementById("p3").textContent;
    var pv4=document.getElementById("p4").textContent;
    var pv5=document.getElementById("p6").textContent;
    var pv6=document.getElementById("p7").textContent;
    var pv7=document.getElementById("p8").textContent;
    var pv8=document.getElementById("p9").textContent;
    var pv9=document.getElementById("p10").textContent;
    var pv10=document.getElementById("p11").textContent;
    var pv11=document.getElementById("p12").textContent;

```

```

        if (pv1 =="" && pv2 =="" && pv3 =="" && pv4 =="" && pv5 =="" && pv6 ==""
" && pv7 =="" && pv8 =="" && pv9 =="" && pv10 =="" && pv11 ==")
        {
            window.alert("User added.....");//new user created if all textCont
ents are null
        }
        else
        {
            window.alert("Existing errors are" + ' ' +pv1 + ' ' + pv7 + ' ' +
pv2 + ' ' + pv8 + ' ' + pv4 + ' ' + pv10 + ' ' + pv11 + ' ' + pv3 + ' '
+ pv9 + ' ' + pv5 + ' ' + pv6);
        }
    }
}

</script>
<meta charset="utf-8">
<title>register</title>
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/
bootstrap.min.css" integrity="sha384-
Gn5384xqQ1aowXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="an
onymous">
</head>
<style>
    /* style for textbox line-->*/
    .text-line {
        background-color:white;
        color: black;
        outline: none;
        outline-style: none;
        border-top: none;
        border-left: none;
        border-right: none;
        border-bottom: solid black 1px;
        padding: 3px 50px;
    }
    /* style for registration div-->*/
    .center {
        margin: auto;
        width: 50%;
        border: 3px solid green;
        padding: 10px;
    }
</style>
<body>

```



```

<div class="center" style="width:600px;" >
    <form name="regForm" class="row g-3">

        <div class="col-12" style="text-align:center;">
            <label for="Registration" class="form-label">Registration</label> <!--
- div for heading -->
        </div>
        <div class="col-md-6">
            <label for="inputforfirstname" class="form-label">Enter First Name:</label> <!-- div for First Name -->
            <input type="text" class="text-line" name="nme10" class="form-control" onblur="valNm()" id="nm1"><p id="p1" style="color: red;"></p>
        </div>
        <div class="col-md-6">
            <label for="inputforlastname" class="form-label">Enter Last Name:</label> <!-- div for Last Name -->
            <input type="text" class="text-line" name="nme2" class="form-control" onblur="valNm1()" id="nm2"><p id="p8" style="color: red;"></p>
        </div>
        <div class="col-12">
            <label for="inputAddress" class="form-label">Enter Address:</label> <!-- div for Address --><br>
            <input type="text" name="address" class="text-line" onblur="valAd()" id="ad1" ><p id="p2" style="color: red;"></p>
        </div>
        <div class="col-md-6">
            <label for="inputZip" class="form-label">ZipCode:</label> <!--
- div for zipcode -->
            <input type="text" class="text-line" name="zip" onblur="valzh()" id="zh1" ><p id="p9" style="color: red;"></p>
        </div>
        <div class="col-md-6">
            <label for="inputphonenummer" class="form-label">Enter phone:</label><!-- div for Phone number -->
            <input type="text" class="text-line" name="phone" onblur="valPh()" id="ph1" ><p id="p4" style="color: red;"></p>
        </div>
        <div class="col-md-6"><!-- div for State -->
            <label for="inputState" class="form-label">State</label><br>
            <select id="inputState" class="form-select" onchange="valst()" required>
                <option value="0" selected>Choose...</option>
                <option value="Kerala">Kerala</option>
                <option>...</option>
            </select>
        </div>
    </form>
</div>

```

```

        <option>...</option>
    </select> <p id="p11" style="color: red;"></p>
</div>
<div class="col-md-6"><!-- div for city -->
    <label for="inputCity" class="form-label">City</label>
    <input type="text" class="text-line" name="nme1" class="form-
control" onblur="valcity()" id="cty"><p id="p12" style="color: red;"></p>
</div>
<div class="col-md-6"><!-- div for Email -->
    <label for="inputEmail4" class="form-label">Enter Email:</label>
    <input type="email" class="text-
line" name="email" onblur="valEm()" id="em1" ><p id="p3" style="color: red;"></p>
>
</div>
<div class="col-md-6"><!-- div for confirm Email -->
    <label for="inputEmail4" class="form-label">Confirm Email:</label>
    <input type="email" class="text-
line" name="email1" onblur="valEm1()" id="em2" ><p id="p10" style="color: red;">
</p>
</div>
<div class="col-12"><!-- div for Password Hint -->
    <label for="inputPassword" class="form-
label">Enter new Password. Make sure to add following:</label><br>
    <input type="radio" id="rd1" disabled> 8 Characters<br>
    <input type="radio" id="rd2" disabled> 1 Letter<br>
    <input type="radio" id="rd3" disabled> 1 Number<br>
    <input type="radio" id="rd4" disabled> 1 Special Character<br>
</div>
<div class="col-md-6"><!-- div for Password -->
    <label for="inputPassword" class="form-label">Set Password:</label>
    <input type="password" class="text-
line" name="upass" id="ps1" onblur="valPs();valpasst();"><p id="p6" style="color:
red;"></p>
</div>
<div class="col-md-6"><!-- div for confirm Password -->
    <label for="inputPassword" class="form-
label">Confirm Password:</label>
    <input type="password" class="text-
line" name="cupass" id="ps2" onblur="valPs1()"><p id="p7" style="color: red;"></p>
>
</div>

<div class="col-12" style="text-align:center"; >

```

```

        <input type="submit" value="Submit" class="btn btn-primary" class="text-
line" onClick="valNm();valNm1();valzh();valPh();valst();valcity();valEm();valAd()
;valEm1();valPs();valPs1();valus();return false;">
        </div>

    </form>
</div>
</body>
</html>

```

Output:

Registration

Enter First Name:

Enter Last Name:

Enter Address:

ZipCode:

Enter phone:

State

Choose...
▼

City

Enter Email:

Confirm Email:

Enter new Password. Make sure to add following:

☐ 8 Characters

☐ 1 Letter

☐ 1 Number

☐ 1 Special Character

Set Password:

Confirm Password:

Registration

Enter First Name:

Enter correct First name

Enter Last Name:

Enter correct Last name

Enter Address:

Enter correct address

ZipCode:

Enter correct Zip code

Enter phone:

Enter correct phone number

State

Choose... ▼

Select State

City

Enter correct City

Enter Email:

Enter correct email

Confirm Email:

Enter correct Confirm Email

Enter new Password. Make sure to add following:

- ☐ 8 Characters
- ☐ 1 Letter
- ☐ 1 Number
- ☐ 1 Special Character

Enter new Password. Make sure to add following:

- ☐ 8 Characters
- ☐ 1 Letter
- ☐ 1 Number
- ☐ 1 Special Character

Set Password:

Enter correct password

Confirm Password:

Enter correct Confirm password

Submit

Enter new Password. Make sure to add following:

- ☒ 8 Characters
- ☒ 1 Letter
- ☒ 1 Number
- ☒ 1 Special Character

Set Password:

.....

Confirm Password:

Enter correct Confirm password

Submit