PROGRAM:8

AIM:

Create a HTML registration form and to validate the form using JavaScript code.

CODE:

Form.html:

```
<html>

<head>
   <title>Registration from</title>
   <link rel="preconnect" href="https://fonts.gstatic.com">
   <link href="https://fonts.googleapis.com/css2?family=Akaya+Telivigala&display=swap" rel="stylesheet">
   <link rel="stylesheet" href="style.css">
   <script src="script.js"></script>
</head>

<body>
   <div class="regform">
     <h1>REGISTRATION FORM</h1>
     <hr width="50%">
     <div class="content">
        <form name="reg_form" method="post" action="/reg.html" onsubmit="event.preventDefault(); validate()" autocomplete="off">
           <div id="error"></div>
           <div class="row">
             <label for="name">Name:</label><br>
           </div>
           <div class="row">
             <input type="text" name="name" id="name" onchange="remove();"><br>
```

```html
        </div>
        <div id="ename"></div>


        <div class="row">
            <label for="password">Password:</label><br>
        </div>
        <div class="row">
            <input placeholder="" type="password" name="password" id="pass"
onchange="remove();"><br>
        </div>
        <div id="epass"></div>


        <div class="row">
            <label for="password">Confirm Password:</label><br>
        </div>
        <div class="row">
            <input type="password" name="cpassword" id="cpass"  onchange="remove();"><br>
        </div>


        <div class="row">
            <label for="age">Age:</label><br>
        </div>
        <div class="row">
            <input type="text" name="age" id="age" onchange="remove();"><br>
        </div>
        <div id="eage"></div>


        <div class="row ">
            <label  for="gender">Gender:</label>
```

```html
<input class="radiobtn" name="gender" type="radio" value="male" onchange="remove();">
<label   for="male">Male</label>
<input class="radiobtn" name="gender" type="radio" value="female" onchange="remove();">
<label   for="female">Female</label>
<input class="radiobtn" name="gender" type="radio" value="other" onchange="remove();">
<label   for="other">other</label><br>
</div>


<div class="row">
  <label for="address">Address:</label><br>
</div>
<div class="row">
  <textarea name="address" id="addr" cols="21" rows="5"
onchange="remove();"></textarea><br>
</div>


<div class="row"></div>
<label for="ph">Phone:</label><br>
<div class="row"></div>
<span>+91<input type="tel" name="ph" onchange="remove();" id="phone"
style="width:85%;"></span><br>
<div id="ephone"></div>


<fieldset><legend>Please select atleast one</legend>
<div class="row">
  <label for="qualification">Latest qualification:</label><br>
</div>
<div class="row">
  <select name="qualification" id="qualification" onchange="remove();">
<option>choose</option>
```

```html
          <option value="SSLC">SSLC</option>

          <option value="PLUS TWO">PLUS TWO</option>

          <option value="DEGREE/DEPLOMA">DEGREE/DEPLOMA</option>

          <option value="PG">PG</option>

        </select><br>

      </div>


      <div class="row">

        <label for="nationality">Nationality:</label><br>

      </div>

      <div class="row">

        <select name="nationality" id="nationality" onchange="remove();">

          <option>choose</option>

          <option value="INDIA">INDIA</option>

          <option value="AUSTRALIA ">AUSTRALIA</option>

          <option value="AMERICA">AMERICA</option>

          <option value="UK">UK</option>

          <option value="EUROPE">EUROPE</option>

        </select><br>

      </div>


    </fieldset>

      <div class="row">

        <label for="courses">Course completed:</label>

      </div>

      <div class="row">

        <input class="checkbx" type="checkbox" name="courses" id="sslc" onchange="remove();">

<label for="sslc">SSLC</label>
```

```html
        <input class="checkbx" type="checkbox" name="courses" id="plustwo"
onchange="remove();">

        <label for="plustwo">PLUS TWO</label>

        <input class="checkbx" type="checkbox" name="courses" id="degree"
onchange="remove();">

        <label for="degree">DEGREE</label>

        <input class="checkbx" type="checkbox" name="courses" id="pg" onchange="remove();">

        <label for="pg">PG</label>

      </div>


      <div class="row" style="display: flex;flex-direction: row-reverse;">

        <input type="submit" value="Register" style="justify-content: end; margin:0 0 0 10px;">

        <input type="reset" value="clear" style="margin:0 0 0 10px;" onclick="remove();">

      </div>

    </form>

  </div>

  </div>

</body>


</html>
```

Script.js:

```javascript
const validate = () => {

  let name = document.getElementById('name').value    let pass =

document.getElementById('pass').value    let cpass =

document.getElementById('cpass').value    let age =

document.getElementById('age').value    let gender =

document.querySelector('input[name="gender"]:checked')    let address
```

```javascript
= document.getElementById('addr').value    let phone =
document.getElementById('phone').value    let qualification =
document.getElementById('qualification').value    let nationality =
document.getElementById('nationality').value    let course =
document.querySelectorAll('input[name="courses"]:checked')    let
checked_course = Array.prototype.slice.call(course).some(x =>
x.checked)
  if (name === "") {       document.getElementById("ename").innerHTML =
"*Please enter your name"
document.getElementById("ename").style.marginTop = "4px"
document.getElementById("ename").style.display = "block"
    return false;
  }
  if (pass !== cpass) {
    document.getElementById("epass").innerHTML = "*Password doesn't match"
document.getElementById("epass").style.marginTop = "4px"
document.getElementById("epass").style.display = "block"
    return false;
  }
  if (pass.length < 6 || pass.length > 12 || !(pass.match(/[0-9]/g)) || !(pass.match(/[a-z]/g)) ||
!(pass.match(/[A-Z]/g))) {
    document.getElementById("epass").innerHTML = "*password must contain atleast 1 digit ,
uppercase and lowecase letter"       document.getElementById("epass").style.marginTop =
"4px"       document.getElementById("epass").style.display = "block"
    return false
  }
  if (!gender || !age || !address || !phone || !qualification || qualification === 'choose' || !nationality
|| nationality === 'choose' || !checked_course || !gender) {
document.getElementById("error").innerHTML = "*please enter all details"
document.getElementById("error").style.display = "block"
```

```javascript
      return false

   }
   if     (phone.length     >     10     ||     phone.length     <     10)     {
document.getElementById("ephone").innerHTML = "*Enter a valid phone number"
document.getElementById("ephone").style.marginTop                =           "4px"
document.getElementById("ephone").style.display = "block"

      return false

   }
   if (!(age.match(/[0-9]/g))) {
      document.getElementById("eage").innerHTML = "*Enter a valid age"
document.getElementById("eage").style.marginTop = "4px"
document.getElementById("eage").style.display = "block"

      return false
   }  else {     alert("Registration
successfull")
   }
}



const remove = () => {
document.getElementById("ename").style.display = "none"
document.getElementById("epass").style.display = "none"
document.getElementById("error").style.display = "none"
}


Style.cs:


* {
```

```css
  box-sizing: border-box;   font-family:
"Akaya Telivigala", cursive;   font-family:
Arial, Helvetica, sans-serif;
}


body {    background-color:
#66717f;       width:  100%;
height: 100vh;   padding-top:
4em;
}


.regform {   background: #2e3740;   color:
#858f99;   margin: auto;   width: 50%;   border:
1px solid black;   box-shadow: rgba(0, 0, 0,
0.25) 0px 14px 28px,    rgba(0, 0, 0, 0.22) 0px
10px 10px;
}


.content       {
margin:  auto;
width: 60%;
}


h1   {       color:
#6d7781;    font-
family:    "Akaya
Telivigala",
cursive;      text-
align: center;
```

```css
}
legend {   color: #6d7781;   font-family:
"Akaya Telivigala", cursive;
}
label {   font-family: "Akaya Telivigala",
cursive;
}

.first {   text-
align: right;
 width: 40%;
}

.button {   text-
align: center;
}

input {   padding: 5px 10px
5px 10px;   height: 2em;
border-radius: 5px;   border:
1px solid #858f99;
background: #2e3740;
color: #858f99;   text-
transform: capitalize;
}
input[type="radio"],
input[type="checkbox"] {
color: #2e3740;
}
```

```css
fieldset {  border: 1px solid
#858f99;
}
select {  padding: 5px;
height: 2em;  border-
radius: 5px;  border: 1px
solid #858f99;
background: #2e3740;
color: #858f99;
}
textarea  {      background:
#2e3740;     padding:  5px;
border-radius:          5px;
border:  1px  solid  #858f99;
color: #858f99;
}

input[type="submit"],
input[type="reset"] {
margin-top: 3em;
width: 8em;  height:
2.5em;  text-align:
right;  text-align:
center;  background-
color: #1fce6d;
cursor: pointer;
color: #2e3740;
}
```

```css
input[type="text"],

input[type="tel"],

input[type="password"],

textarea, select {

width: 90%;

}

.row {   margin-top:

0.5em;

}

.radiobtn {

position: relative;

top: 8px;

}

.checkbx {

position: relative;

top: 8px;

}

form {   margin-

top: 1em;

}

#ename,

#epass,

#error,

#ephone          {

color:   #ec6161;

display: none;

}
```

OUTPUT:

REGISTRATION FORM

Name:

ROY

Password:

••••••

Confirm Password:

••••••

Age:

28

Gender: ● Male ● Female ● other

Address:

ETHAN VILLA

Phone:

+91 9876543287

┌─Please select atleast one─
Latest qualification:

Confirm Password:

••••••

Age:

28

Gender: ● Male ● Female ● other

Address:

ETHAN VILLA

Phone:

+91 9876543287

┌─Please select atleast one─────────────────┐
│ Latest qualification: │
│   │
│ SSLC   ⌄ │
│   │
│ Nationality: │
│   │
│ INDIA   ⌄ │
└──┘

Course completed:

☑ SSLC ☐ PLUS TWO ☐ DEGREE ☐ PG

[Clear] [Register]