

PROGRAMME-8

Aim:

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

Code:

Reg.html

```
<html>
<head>
  <title>Registration form</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>
        </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>
    <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>
        <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="checkbox" type="checkbox" name="courses" id="ssl"
    onchange="remove();">
  <label for="ssl">SSLC</label>
  <input class="checkbox" type="checkbox" name="courses" id="plustwo"
    onchange="remove();">
  <label for="plustwo">PLUS TWO</label>
  <input class="checkbox" type="checkbox" name="courses" id="degree"
    onchange="remove();">
  <label for="degree">DEGREE</label>
  <input class="checkbox" 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>

```

style.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;  
}
```

```
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;
}
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;
}
input[type="text"],
input[type="tel"],
input[type="password"],
textarea,
select {
    width: 90%;
}
.row {
    margin-top: 0.5em;
}
.radiobtn {
    position: relative;
    top: 8px;
}
.checkbox {

```

```

position: relative;
top: 8px;
}
form {
margin-top: 1em;
}
#ename,
#epass,
#error,
#ephone {
color: #ec6161;
display: none;
}

```

script.js

```

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 = 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 lowercase 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"
        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"
}

```

Output:

The screenshot shows a web browser window with the title 'Registration from'. The address bar shows the URL '127.0.0.1:5500/req.html'. The main content area displays a 'REGISTRATION FORM' with the following fields and values:

- Name: Samuel Jazz John
- Password: (masked with asterisks)
- Confirm Password: (masked with asterisks)
- Age: 21
- Gender: ☒ Male ☐ Female ☐ other
- Address: A K Family Quarters, Near govt.hospital road Vatakara
- Phone: +91 +91703449169
- Latest qualification: (dropdown menu showing 'DEGREE/DEPLOMA')

A red error message '*Password doesn't match' is displayed below the Password and Confirm Password fields.

