```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Practical-1</title>
</head>
<body style="background-color:cyan" >
    <h1>This is my first website</h1>
    <h2>second</h2>
    <h3>third</h3>

    <p title="First paragraph" style="color: black;">
        Lorem ipsum, dolor sit amet consectetur adipisicing elit. Unde perferendis
dignissimos repudiandae quibusdam assumenda consequatur repellendus soluta fugit
cupiditate veniam placeat et ab inventore maiores temporibus quam, repellat officia
explicabo!
    </p>

    <p title="second paragraph" style="color: black;">
        Lorem ipsum dolor sit amet, consectetur adipisicing elit. Atque eaque magni
dignissimos consequatur expedita quaerat delectus tenetur reprehenderit, sapiente numquam
molestiae blanditiis. Autem velit sapiente cupiditate, fugit in asperiores incidunt
debitis quisquam ut distinctio accusantium animi esse dignissimos excepturi consequuntur!
Aut et aliquam recusandae. Necessitatibus ullam quae alias distinctio in iusto corporis
repellat ratione magni. Ut, voluptatem maxime? Alias ullam veniam quod tenetur inventore
nisi voluptatibus fuga reprehenderit incidunt qui ea delectus facere nobis cumque iusto,
doloribus nemo expedita, recusandae accusantium numquam, est eaque quibusdam dolorum!
Distinctio amet molestiae veniam!
        <br>
        <a href="https:\www.google.com">for more info</a>
    </p>

    <img src="./premium_photo-1683910767532-3a25b821f7ae.avif">
</body>
</html>
```

Prac 2

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Registration form</title>
</head>
<style>

    *{
    background-color: rgb(104, 222, 216);
    }
```

```
#sub{
    background-color: aqua;
    }
</style>
<body>
    <form>
        <fieldset>
            <legend>
                <h1>Registration Form</h1>
            </legend>
        <br><br>
        <b>
        Name:<input type="text" id="sname" name="sname" placeholder="Enter your
Name"></input>
        <br>
        <br>
        Adress:
        <br>
        <textarea rows="5" cols="50" id="sadd" Adress="sadd" placeholder="Enter
your Adress"></textarea>
        <br>
        <br>
        City:<input type="text " id="scit" city="scit" placeholder="City
name"></input>
        <br>
        <br>
        Mobile no:<input type="number" id="snum" Mobile no="snum"
placeholder="Mobile no"></input>
        <br>
        <br>
        Gender:<input type="radio" name="gender">Male</input>
        <input type="radio" name="gender">Female</input>
        <br>
        <br>
        DOB:<input type="date" id="sdate" DOB="sdate">
        <br>
        <br>
        Educational Qualification:<input type="text" id="sed" Educational
Qalification="sed" placeholder="Qualificaiton">
        <br>
        <br>
        <input type="submit" id="sub" value="Submit">
        </b>
        </fieldset>
    </form>
</body>
</html>
```

Prc 3

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<style>
    *{
        padding: 0;
        margin: 0;
        font-size: 1.1rem;

    }
    h1 {
        font-size: 2rem;
    }
    .outer
    {
        background: url(1.avif);
        background-repeat: no-repeat;
        height: 100vh;
        width: 100vw;
        background-size: cover;
        display: flex;
        justify-content: center;
        align-items: center;
        flex-direction: column;
        overflow: auto;

    }
    .myform{
        background-color: rgba(255, 255, 255, 0);
        backdrop-filter: blur(10px);
        color: rgb(255, 255, 255);
        width: 40vw;
        height: auto;
        border-radius: 15px;
        padding: 34px;
        box-shadow: 3px 3px 30px black;
        display: flex;
        flex-direction: column;
        justify-content: center;
        align-items: center;

    }
    .myform button {
        width: 100px;
        height: 50px;
```

```
            border-radius: 10px;
            margin: auto;
            margin-left: 50px ;
    }
    .myform button:hover {
            box-shadow: 1px 1px 23px 7px rgb(99, 188, 188);
            background-color: rgb(99, 188, 188);
    }

</style>
<body style="color: black;">

    <div class="outer" >

        <div class="myform" >
        <h1 style="color: black;">Personal Information</h1>

        <form action="/submit_form.php" method="post" >
            <label for="name" style="color: black;">Name:</label><br>
            <input type="text" id="name" name="name" required><br><br>

            <label for="address" style="color: black;">Address:</label><br>
            <input type="text" id="address" name="address"><br><br>

            <label for="city" style="color: black;">City:</label><br>
            <input type="text" id="city" name="city"><br><br>

            <label for="mobile" style="color: black;">Mobile No.:</label><br>
            <input type="tel" id="mobile" name="mobile" pattern="[0-9]{10}"
required><br><br>

            <label for="gender" style="color: black;">Gender:</label><br>
            <input type="radio" id="male" name="gender" value="male">
            <label for="male" style="color: black;">Male</label>
            <input type="radio" id="female" name="gender" value="female">
            <label for="female" style="color: black;">Female</label><br><br>

            <label for="dob" style="color: black;">DOB:</label><br>
            <input type="date" id="dob" name="dob" required><br><br>

            <label for="education" style="color: black;">Education
Qualification:</label><br>
            <select id="education" name="education">
                <option value="high_school">High School</option>
                <option value="college">College</option>
                <option value="graduate">Graduate</option>
                <option value="post_graduate">Post Graduate</option>
            </select><br><br>

            <button>Submit</button>
        </form>
    </div>
</div>
</body>
```

```
</html>
```

Prc 4

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="style.css">
</head>

<body style="color: black;">

    <div class="outer" >

        <div class="myform" >
        <h1 style="color: black;">Registration Form</h1>
        <br>

        <form >
            <label for="name" style="color: black;">Name:</label><br>
            <input type="text" id="name" name="name" required><br><br>

            <label for="address" style="color: black;">Address:</label><br>
            <input type="text" id="address" name="address"><br><br>

            <label for="city" style="color: black;">City:</label><br>
            <input type="text" id="city" name="city"><br><br>

            <label for="mobile" style="color: black;">Mobile No.:</label><br>
            <input type="tel" id="mobile" name="mobile" pattern="[0-9]{10}"
required><br><br>

            <label for="gender" style="color: black;">Gender:</label><br>
            <input type="radio" id="male" name="gender" value="male">
            <label for="male" style="color: black;">Male</label>
            <input type="radio" id="female" name="gender" value="female">
            <label for="female" style="color: black;">Female</label><br><br>

            <label for="dob" style="color: black;">DOB:</label><br>
            <input type="date" id="dob" name="dob" required><br><br>

            <label for="education" style="color: black;">Education
Qualification:</label><br>
            <select id="education" name="education">
                <option value="high_school">High School</option>
                <option value="college">College</option>
                <option value="graduate">Graduate</option>
                <option value="post_graduate">Post Graduate</option>
            </select><br><br>
```

```
            <button>Submit</button>
        </form>
    </div>
</div>
</body>
</html>
```

```
*{
    padding: 0;
    margin: 0;
    font-size: 1.1rem;

}
h1 {
    font-size: 2rem;
}
.outer
{
    background: url(./image.jpg);
    background-repeat: no-repeat;
    height: 100vh;
    width: 100vw;
    background-size: cover;
    display: flex;
    justify-content: center;
    align-items: center;
    flex-direction: column;
    overflow: auto;

}

.myform button {
    width: 100px;
    height: 50px;
    border-radius: 10px;
    margin: auto;
    margin-left: 50px ;
}
.myform button:hover {
    background-color: rgb(122, 102, 223);
    font-weight: bolder;
}
```

Prc 5

```
<!DOCTYPE html>
<html>
<head>
    <title>Book Information</title>
    <link rel="stylesheet" type="text/css" href="prc5.css">
```

```html
    <script>
        function loadXMLDoc(filename) {
            if (window.XMLHttpRequest) {
                xhttp = new XMLHttpRequest();
            } else {
                xhttp = new ActiveXObject("Microsoft.XMLHTTP");
            }
            xhttp.open("GET", filename, false);
            xhttp.send("");
            return xhttp.responseXML;
        }

        function displayBooks() {
            var xml = loadXMLDoc("prc5.xml");
            var xsl = loadXMLDoc("prc5.xsl");

            // code for IE
            if (window.ActiveXObject || "ActiveXObject" in window) {
                var ex = xml.transformNode(xsl);
                document.getElementById("booksTable").innerHTML = ex;
            }
            // code for Chrome, Firefox, Opera, etc.
            else if (document.implementation && document.implementation.createDocument) {
                var xsltProcessor = new XSLTProcessor();
                xsltProcessor.importStylesheet(xsl);
                var resultDocument = xsltProcessor.transformToFragment(xml, document);
                document.getElementById("booksTable").appendChild(resultDocument);
            }
        }
    </script>
</head>
<body onload="displayBooks()">
    <div id="booksTable"></div>
</body>
</html>
```

```css
table {
    background-color: rgb(67, 114, 232);
    border-collapse: collapse;
    width: 100%;
}

th, td {
    border: 1px solid black;
    padding: 8px;
    text-align: left;
}

th {
    background-color:yellow;
}
```

```xml
<xsl:stylesheet version="1.0" xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
    <xsl:template match="/">
        <table>
            <tr>
                <th>Title</th>
                <th>Author</th>
                <th>ISBN</th>
                <th>Publisher</th>
                <th>Edition</th>
                <th>Price</th>
            </tr>

            <xsl:for-each select="books/book">
                <tr>
                    <td><xsl:value-of select="title"/></td>
                    <td><xsl:value-of select="author"/></td>
                    <td><xsl:value-of select="isbn"/></td>
                    <td><xsl:value-of select="publisher"/></td>
                    <td><xsl:value-of select="edition"/></td>
                    <td><xsl:value-of select="price"/></td>
                </tr>
            </xsl:for-each>
        </table>
    </xsl:template>
</xsl:stylesheet>
```

```dtd
<!ELEMENT books (book+)>
<!ELEMENT book (title, author, isbn, publisher, edition, price)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT author (#PCDATA)>
<!ELEMENT isbn (#PCDATA)>
<!ELEMENT publisher (#PCDATA)>
<!ELEMENT edition (#PCDATA)>
<!ELEMENT price (#PCDATA)>
```

Prc 7

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<style>
    input {
        margin: 2vw 2vh;
    }
```

```html
</style>
<body>
    <div id="calculator">
        <div class="enter"> Enter first Number : <input type="number" name=""
id="a"></div>
        <div class="enter">Enter operator Number :<input type="text" name=""
id="operator"></div>
        <div class="enter">Enter second Number :<input type="number" name="" id="b"></div>
        <button class="calculate">Calculate</button>
        Output =
        <span class="answer">Answer will display here </span>
    </div>

<script>
    let output = document.querySelector(".answer");
    function cal(a,b,op)
    {
        if(op === "+")
        {
            output.innerText = a+b;
            console.log(a+b);
            alert(`Your answer is ${a+b}`);
        }
        else if(op === "-")
        {
            output.innerText = a-b;
            console.log(a-b);
            alert(`Your answer is ${a-b}`);
        }
        else if(op === "*")
        {
            output.innerText = a*b;
            console.log(a*b);
            alert(`Your answer is ${a*b}`);
        }
        else if(op === "/")
        {
            output.innerText = a/b;
            console.log(a/b);
            alert(`Your answer is ${a/b}`);
        }
    }
    let calculate = document.querySelector(".calculate");
    calculate.addEventListener("click",()=> {
        let a = parseFloat(document.querySelector("#a").value);
        let op = document.querySelector("#operator").value;
        let b = parseFloat(document.querySelector("#b").value);

        cal(a,b,op);
    })
</script>

</body>
```

```
</html>
```

Prc 8

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<style>
    input {
        margin: 2vw 2vh;
    }


</style>
<body>
    <div id="calculator">
        <div class="enter"> Enter first Number : <input type="number" name=""
id="a"></div>
        <div class="enter">Enter operator Number :<input type="text" name=""
id="operator"></div>
        <div class="enter">Enter second Number :<input type="number" name="" id="b"></div>
        <button class="calculate">Calculate</button>
        Output =
        <span class="answer">Answer will display here </span>
    </div>

<script>
    let output = document.querySelector(".answer");
    function cal(a,b,op)
    {
        if(op === "+")
        {
            output.innerText = a+b;
            console.log(a+b);
            alert(`Your answer is ${a+b}`);
        }
        else if(op === "-")
        {
            output.innerText = a-b;
            console.log(a-b);
            alert(`Your answer is ${a-b}`);
        }
        else if(op === "*")
        {
            output.innerText = a*b;
            console.log(a*b);
            alert(`Your answer is ${a*b}`);
        }
```

```
        else if(op === "/")
        {
            output.innerText = a/b;
            console.log(a/b);
            alert(`Your answer is ${a/b}`);
        }
    }
    let calculate = document.querySelector(".calculate");
    calculate.addEventListener("click",()=> {
        let a = parseFloat(document.querySelector("#a").value);
        let op = document.querySelector("#operator").value;
        let b = parseFloat(document.querySelector("#b").value);

        cal(a,b,op);
    })
</script>


</body>
</html>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<style>
    body {
        display: flex;
        align-items: center;
        justify-content: center ;
    }
    #display {
        width: 50vw;
        height: auto;
        border: 2px solid black;
    }
</style>
<body>
    <div id="display">
        <div>enter any text : <input id="first" type="text"></div>
        <div>enter how many times to print : <input id="second" type="number"></div>
        <button id="cal">print output =</button>
        <div>Output : <p class="output"></p></div>
    </div>

<script>
    let cal = document.querySelector("#cal");
    let output = document.querySelector(".output");

    function func(second,one){
```

```
            for(let i=0;i<second;i++)
            {
                output.innerText += one ;
                output.innerHTML += "<br>" ;
            }

        }
    cal.addEventListener("click",()=>{
        let one = (document.querySelector("#first")).value;
        let second = parseInt((document.querySelector("#second")).value);
        console.log(second);

        func(second,one);
    })



</script>
</body>
</html>
```

Prc 9

```html
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    .container {
      display: block;
      margin: auto;
    }
    body{
      background-color: rgb(225, 237, 237);
    }

  </style>
</head>

<body>
  <script>
    function validateform() {
      var name = document.myform.name.value;
      var lname = document.myform.name.value;
      var password = document.myform.password.value;
      var email = document.myform.name.value;
      var mobile = document.myform.name.value;
      var adress = document.myform.name.value;
      // var lname=document.myform.name.value;
```

```
      if (name == null || name == "") {
        alert("Name can't be blank");
        return false;
      } else if (password.length < 6) {
        alert("Password must be at least 6 characters long.");
        return false;
      }
      else if (email.indexOf("@") == -1 || email.indexOf(".com") == -1) {
        alert('Please enter a valid e-mail address');
        return false;
      }
      else if (lname == null || lname == "") {
        alert("Last Name cannot be empty!");
      }
      else if (mobile.length != 10) {
        alert("Mobile number should have 10 digits");
        return false;
      }
      else id(adress != ""){
        alert("Address field is required");
        return false;
      }
      return true;
    }
  </script>

    <div class="container">
      <fieldset>
        <legend>
          <h2>Register User Information: </h2>
        </legend>

      <br />

        <form name="myform" method="post"
action="http://www.javatpoint.com/javascriptpages/valid.jsp"
          onsubmit="return validateform()">

          <label for="fname">First Name:</label>
          <input type="text" id="name" name="name" placeholder="Enter First Name" /><br />

          <label for="lname">Last Name:</label>
          <input type="text" id="lastname" name="lastname" placeholder="Enter Last Name"
/><br />

          <label for="email">Email ID:</label>
          <input type="email" id="email" name="email" placeholder="example@domain.com"
/><br />

          <label for="mobno">Mobile Number :</label>
          <input type="tel" pattern="[0-9]{10}" title="Please Enter 10 digit Mobile
Number" id="number" name="number"
            placeholder="Enter the number" /><br/>
```

```html
        <label for="password">Password:</label>
        <input type="password" id="pass" name="password" placeholder="Enter Password"
/><br />

        <label for="cpassword">confirm password</label>
        <input type="password" id="cpass" name="confirmpassword" placeholder="Re-enter"
/><br />

        <label for=" address">Address:</label>
        <textarea rows="4" cols="50" id="address" name="address"></textarea><br />

        <button type="submit" class="btn btn-primary">Submit</button>

        <button type="reset" class="btn btn-default">Reset</button>

      </form>
    </div>
  </fieldset>
  </body>
</html>
```