


```

        if(phone.length<10)
        {
            alert("Please enter a valid phone number.");
            return false;
        }
    }
    function validateEmail()
    {
        var emailid = document.getElementById("email").value;
        var mailformat = /^\\w+([\\.-]?\\w+)*@\\w+([\\.-]?\\w+)*(\\.\\w{2,3})+$/;
        if (!(/^\\w+([\\.-]?\\w+)*@\\w+([\\.-]?\\w+)*(\\.\\w{2,3})+$/).test(emailid))
        {
            alert("You have entered an invalid email address!");
            return false;
        }
    }
}
</script>
</head>

<!-- Body Starts Here -->
<body class="main">
    <div class="heading">
        <h1>Registration Form</h1>
    </div>

    <form name="myForm" id="myForm" class="form-container" action="displayform.html"
method="POST" >

        <!-- First Name -->
        <div class="input-container">
            <label class="lables" for="f-name">First Name</label>
            <div class="inputs">
                <span class="icons">
                    <i class="fas fa-user fa-2x"></i>
                </span>
                <input class="input-fields" type="text" name="firstName"
id="fname" placeholder="First Name" onfocusout="return validateFname()" required/>
            </div>
        </div>

        <!-- Last Name -->
        <div class="input-container">
            <label class="lables" for="l-name">Last Name</label>
            <div class="inputs">
                <span class="icons">
                    <i class="fas fa-user fa-2x"></i>
                </span>
                <input class="input-fields" type="text" name="lastName" id="lname"
placeholder="Last Name" onfocusout="return validateFname()" required/>
            </div>
        </div>

        <!-- Department -->

```

```

<div class="input-container">
  <label class="lables" for="departm">Department</label>
  <div class="inputs">
    <span class="icons">
      <i class="fas fa-bars fa-2x"></i>
    </span>

    <select class="departmentSelector" id="seldept" required>
      <option value="">Select Your Department</option>
      <option id="cmpe" value="Computer Engineering">Computer
Engineering</option>
      <option id="ite" value="Information Technology">Information
Technology</option>
      <option id="mae" value="">Mechanical Engineering</option>
      <option id="cve" value="Civil Engineering">Civil
Engineering</option>
      <option id="iste" value="Instrumentation
Engineering">Instrumentation Engineering</option>
    </select>

    <!-- <input class="input-fields" type="text" name="department"
id="departm" placeholder="Select Your Department/Office" /> -->
  </div>
</div>

<!-- Email -->
<div class="input-container">
  <label class="lables" for="email">E-Mail</label>
  <div class="inputs">
    <span class="icons">
      <i class="fas fa-envelope fa-2x"></i>
    </span>
    <input class="input-fields" type="text" name="eMail" id="email"
placeholder="Email Address" onfocusout=" return validateEmail()" required />
  </div>
</div>

<!-- Contact Number -->
<div class="input-container">
  <label class="lables" for="contact">Contact No.</label>
  <div class="inputs">
    <span class="icons">
      <i class="fas fa-phone-alt fa-2x"></i>
    </span>
    <input class="input-fields" type="text" name="contactNumber"
id="contact" placeholder="( + 91)" onfocusout="return validatePhone()" required/>
  </div>
</div>

<!-- Gender -->
<div class="input-container">
  <label class="lables" for="u-name">Gender</label>

```

```

    <div class="inputs">
      <!--
        <input class="input-fields" type="text" name="userName" id="u-name"
placeholder="Username" required autoComplete="off" />
      -->
      <span>
        <label>
          <input type="radio" name="gender" value="Male"/> Male <br>
        </label>
        <label>
          <input type="radio" name="gender" value="Female"/> Female <br>
        </label>
        <label>
          <input type="radio" name="gender" value="Other"/> Other
        </label>
      </span>
    </div>
  </div>

  <!-- Submit -->
  <div class="input-container">
    <div class="submit">
      <button type="submit" id="btn" >
        SUBMIT
        <span class="submit-icon">
          <i class="fas fa-paper-plane"></i>
        </span>
      </i></button>
    </div>
  </div>

</form>
<script type="text/javascript" src="myscript.js"></script>
<script src="https://kit.fontawesome.com/5d4942fdb5.js"
crossorigin="anonymous"></script>

</body>
</html>

```

style.css

```

* {
  min-height: 100vh;
  background-color: rgb(235, 235, 235);

  margin: 0;
  padding: 0;
  font-family: sans-serif;
}

.main {
  width: 100%;
  height: 100%;

  .heading {
    width: max-content;

```

```

height: max-content;
padding: 10px;
margin-top: 5%;
background-color: none;

color: rgb(52, 58, 64);
letter-spacing: 0.05rem;
}

.form-container {

width: 750px;
padding: 20px;
background-color: none;

display: flex;
flex-direction: column;
align-items: flex-start;
justify-content: center;
}

.input-container {

width: 100%;
padding: 10px;
background-color: none;

display: flex;
flex-direction: row;
align-items: center;
justify-content: flex-start;
}

.labels {

width: 30%;
background-color: none;

display: flex;
align-items: center;
justify-content: flex-end;

text-decoration: none;
font-size: 0.9rem;
font-weight: 600;
letter-spacing: 0.05rem;

color: rgb(52, 58, 64);
}

.inputs {

width: 100%;

```

```

margin-left: 40px;

display: flex;
flex-direction: row;
align-items: center;
justify-content: flex-start;
}

.icons {

height: 15px;
width: max-content;

display: flex;
align-items: center;
justify-content: center;

padding: 12px;
color: rgb(52, 58, 64);
border-bottom: 1px solid rgb(52, 58, 64);
border-left: 1px solid rgb(52, 58, 64);
border-top: 1px solid rgb(52, 58, 64);

border-top-left-radius: 3px;
border-bottom-left-radius: 3px;
}

.input-fields {

width: 100%;
height: 15px;
padding: 12px;

border: 1px solid rgb(52, 58, 64);

border-top-right-radius: 3px;
border-bottom-right-radius: 3px;
}

.input-fields:focus {

border: none;
outline: 0.5px solid #00b4d8;
box-shadow: 0 0 3px 1px #00b4d8;
}

.departmentSelector {

width: 100%;
height: auto;

```

```

padding: 11px 8px;

border: 1px solid rgb(52, 58, 64);

border-top-right-radius: 3px;
border-bottom-right-radius: 3px;
}

.departmentSelector:focus {

border: none;
outline: 0.5px solid #00b4d8;
box-shadow: 0 0 3px 1px #00b4d8;
}

.submit {

width: 100%;
height: 100%;
padding: 10px;

background-color: none;

display: flex;
align-items: center;
align-content: center;
justify-content: center;
}

.submit button {

height: 100%;
width: 30%;
padding: 10px 10px;

background-color: #ff8800;
border: 1px solid #ff5400;
border-radius: 5px;

text-decoration: none;
font-size: 1rem;
font-weight: bold;
letter-spacing: 0.05rem;

color: white;
cursor: pointer;
}

.submit-icon {

margin-left: 3px;
}

```

```

@media (max-width:800px) {

.form-container {

width: 80%;
}

.input-container {

flex-wrap: wrap;
}

.lables {

width: 100%;
justify-content: flex-start;
font-size: 1.1rem;
}

.inputs {

margin-left: 0;
margin-top: 10px;
}
}

@media (max-width:400px) {

.heading h1 {

font-size: 8vw;
}

.lables {

font-size: 0.8rem;
}

.submit-icon {

margin-left: 0;
}

.submit button {

width: 60%;
font-size: 4vw;
}
}

```

myscript.js

```
$(document).ready(function () {
    $("#btn").click(function () {
        //collect student data from student form
        function validateForm()
        {
            let fname = document.forms["myForm"]["fname"].value;
            if (fname == "")
            {
                alert("First Name must be filled out");
                return false;
            }

            let lname = document.forms["myForm"]["lname"].value;
            if (lname == "")
            {
                alert("Last Name must be filled out");
                return false;
            }
        }
        function getStudentData()
        {
            let student = {
                fname: $("#fname").val(),
                lname: $("#lname").val(),
                seldept: $("#seldept").val(),
                email: $("#email").val(),
                contact: $("#contact").val(),
                gender: $("input[type='radio']:checked").val(),
            }
            //$("#studentForm")[0].reset();
            return student;
        }
        //store student data to localStorage
        function storeDataToLocalStorage() {
            if (!localStorage.getItem("student")) {
                localStorage.setItem("student", JSON.stringify(getStudentData()));
            } else {
                localStorage.removeItem("student");
                localStorage.setItem("student", JSON.stringify(getStudentData()));
            }
        }
    }
    //send data to server with AJAX request
    function sendData() {
        let xhr = new XMLHttpRequest();
        let data = JSON.stringify(getStudentData());
        xhr.open("POST", "http://localhost:8080/storedata", true);
        xhr.setRequestHeader("Content-Type", "application/json");
        xhr.send(data);
    }
    //call storeDataToLocalStorage and sendData functions
```

```

    storeDataToLocalStorage();
    // sendData();
    window.location.href = "displayform.html";
  });
});

```

display-data.js

```

$(document).ready(function () {
  getData();
});
function getData() {
  let localStorageData = localStorage.getItem("student");
  let studentObj = JSON.parse(localStorageData);
  console.log(studentObj);
  $("#fname").text(studentObj.fname);
  $("#lname").text(studentObj.lname);
  $("#seldept").text(studentObj.seldept);
  $("#email").text(studentObj.email);
  $("#contact").text(studentObj.contact);
  $("#gender").text(studentObj.gender);
}

```

Displayform.html

```

<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content = "IE-edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <link rel="stylesheet" href="style.css"/>

    <title>Result Doc</title>
    <style>
      td {
        height:60px;
        width:70px;
        text-align: center;
      }
      tr{
        background-color: #D6EEEE;
      }
    </style>
  </head>
  <body>
    <center><h1>Result page</h1> <br><br>
    <table border="5px" align="center" style="width:70%" border-collapse=collapse >
      <tr colspan="20">
        <td> <h2>Name : </h2></td>
        <td> <h2> <span id="fname"></span> </h2></td>

```



```

</tr>
<tr>
  <td><h2>Surname : </h2></td>
  <td><h2><span id="lname"></span></h2> </td>
</tr>
<tr>
  <td><h2>Department : </h2></td>
  <td><h2><span id="seldept"></span></h2> </td>
</tr>
<tr>
  <td><h2> Email : </h2></td>
  <td><h2><span id="email"></span></h2> </td>
</tr>
<tr>
  <td><h2> Contact : </h2></td>
  <td><h2><span id="contact"></span></h2> </td>
</tr>
<tr>
  <td><h2> Gender : </h2></td>
  <td><h2><span id="gender"></span></h2> </td>
</tr>
</table>
</center>
<script type="text/javascript" src = "display-data.js"></script>
</body>
</html>

```

Output :

The screenshot shows a web browser window with the address bar displaying "File | E:/PICT/Sem6/WADL/Assignmnt%202/index.html". The browser's address bar also shows several tabs: "Gmail", "YouTube", "Winify", "LeetCode in Java: AI...", "Smart India Hackat...", "Clou...", "WiseCentral", "STEP Drive link", and "Power up C++ with...".

A modal dialog box is displayed in the center of the browser window, containing the text "This page says" and "First Name must be filled out", with an "OK" button.

The main content of the page is a "Registration Form" with the following fields:

- First Name:** A text input field with a placeholder "First Name".
- Last Name:** A text input field with a placeholder "Last Name".
- Department:** A dropdown menu with the text "Select Your Department".
- E-Mail:** A text input field with a placeholder "Email Address".
- Contact No.:** A text input field with a placeholder "(+ 91)".
- Gender:** Three radio buttons labeled "Male", "Female", and "Other".

At the bottom of the form is a large orange "SUBMIT" button with a right-pointing arrow.

Registration Form

First Name

Last Name

Department

E-Mail

Contact No.

Gender ☐ Male ☒ Female ☐ Other

SUBMIT

Result page

Name :	Vaishnavi
Surname :	Dhadiwal
Department :	Information Technology
Email :	vaishnavi.dhadiwal9@gmail.com
Contact :	9874563210
Gender :	Female