

# LAMP Practical 1

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Course Code and Name: 2CSDE69 **LAMP Technologies**

## Task

- Design a personal profile web page, which contains form to enter personal, academic, co-curricular information, using basic concept of HTML, CSS and JavaScript. Also validate each field.

## HTML and JavaScript code

```
<!DOCTYPE html>
<html lang="en">
  <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" />
    <title>Form</title>
    <style>
      .heading {
        margin: 0;
        padding: 10px;
        color: navy;
        font-size: 2rem;
        height: 150px;
        width: 100%;
        background-color: lightblue;
        text-align: center;
      }

      body {
        margin: 0;
        padding: 0;
      }

      h4 {
        margin: 0%;
        padding: 0%;
      }

      .nameoffield {
        margin: 0%;
        width: 42%;
        padding: 1%;
        padding-top: 3%;
        height: 30px;
        background-color: lightblue;
      }
    </style>
  </head>
  <body>
    <h4>Form</h4>
    <div class="nameoffield">
      <input type="text">
    </div>
  </body>
</html>
```



```

<div class="field">
  <h4 class="nameoffield">PHONE NO</h4>
  <input class="value" type="text" id="phoneno" required />
</div>
<div class="field">
  <h4 class="nameoffield">EMAIL ID</h4>
  <input class="value" type="text" id="emailid" required />
</div>
<div class="field">
  <h4 class="nameoffield">Password</h4>
  <input class="value" type="password" id="password" required />
</div>
<div class="field">
  <h4 class="nameoffield">Re-enter password</h4>
  <input
    class="value"
    type="password"
    id="reenter-password"
    required
  />
</div>
<button id="submit-btn" class="btn">SUBMIT</button>
</div>

<script>
const elements = {
  name: () => {
    return document.getElementById("name");
  }(),
  phoneno: () => {
    return document.getElementById("phoneno");
  }(),
  emailid: () => {
    return document.getElementById("emailid");
  }(),
  password: () => {
    return document.getElementById("password");
  }(),
  reenter_password: () => {
    return document.getElementById("reenter-password");
  }(),
  submit_btn: () => {
    return document.getElementById("submit-btn");
  }(),
};

function checkName() {
  const nameRegex = /^[a-zA-Z ]+$/;
  let value = elements.name.value;
  if (nameRegex.exec(value) == null) {
    alert("Error in name input");
    throw Error("Error in name input");
  }
}

function checkPhone() {

```

```

const phoneRegex =
  /^\\s*(?:\\+?(\\d{1,3}))?[-. (]*(\\d{3})[-. ]*(\\d{3})(?: *x(\\d+))?.\\s*$/;
let value = elements.phoneno.value;
if (phoneRegex.exec(value) == null) {
  alert("Error in phone number input");
  throw Error("Error in phone number input");
}
}
function checkEmail() {
  const emailRegex =
    /^((([^\<>()[]\\;,:\"'@+]*)(\\.[^\<>()[]\\;,:\"'@+])*)|(\".+\"))@((\\[[0-9]{1,3}\\.[0-9]{1,3}\\.[0-9]{1,3}\\.[0-9]{1,3}\\
let value = elements.emailid.value;
if (emailRegex.exec(value) == null) {
  alert("Error in email input");
  throw Error("Error in email input");
}
}
function checkPassword() {
  const passwordRegex =
    /^(?=.*[0-9])(?=.*[!@#$%^&*])[a-zA-Z0-9!@#$%^&*]{6,16}$/;
let value = elements.password.value;
if (passwordRegex.exec(value) == null) {
  alert("Error in password input");
  throw Error("Error in password input");
}
}
function recheckPassword() {
  let password = elements.password.value,
    reenter_password = elements.reenter_password.value;
  if (password != reenter_password) {
    alert("Enter same password");
    throw Error("Enter same password");
  }
}
elements.submit_btn.onclick = () => {
  checkName();
  checkPhone();
  checkEmail();
  checkPassword();
  recheckPassword();
  [
    elements.name,
    elements.phoneno,
    elements.emailid,
    elements.password,
    elements.reenter_password,
  ].forEach((element) => {
    element.value = "";
  });
  alert("Registered");
};
</script>
</body>
</html>

```

Output

Student registration form

NAME	
PHONE NO	
EMAIL ID	
Password	
Re-enter password	

SUBMIT