

Lab-1

index.html

```
<frameset rows="25%,*">
  <frame src="top.html" name="top">
  <frame src="about.html" noresize
name="bottom">
</frameset>
```

about.html

```
<html> <head>
  <style>
    body{
      background-color: rgb(255,255,0);
      text-align: center;
    }
  </style></head>
  <body>
    <h1> Welcome To Presidency University</h1>
    <p><b> Bangalore</b></p>
    
  </body>
</html>
```

academics.html

```
<html>
<body bgcolor="lightblue">
  <center>
    <h1> WELCOME<br> To <br>PRESIDENCY UNIVERSITY
  </h1>
  <h2 style="text-align:justify">
    As convenience for those who wish to visit our campus, the University has arranged for
    transportation facility. Click on the link below to view our transportation details.
  </h2>
  </center>
</body></html>
```

admission.html

```
<html>
  <head>
    <link rel="stylesheet" href="mystyle.css">
  </style>
```

```
body
{
  background-color: rgba(189,189,188,0.79);
}
.static
{
  position:sticky;
  top:0;
  right:0;
  display: inline;
  float: right;
  font-size: 25px;
  border-radius: 15px;
  padding: 10px;
  background-color: aliceblue;
  box-shadow: 0 0 25px black;
}
li
{
  list-style: none;
  margin:8px 5px;
}
a
{
  text-decoration: none;
  color: rgb(50, 53, 51);
}
li:hover
{
  border: 2px solid black;
  display: inline-block;
  padding: 8px;
  color: azure;
  border-radius: 20px;
  background-color: rgb(37, 38, 43);
}
h1
{
  display: inline-block;
  padding: 5px;
  color: darkslateblue;
  text-shadow: 2px 1px 2px rgb(120,127,131);
}

</style>
</head>
```

```

<body>
  <div class="static">
    <a href="register.html"> For Admission Click Here</a>
  </div>
  <h1> Admissions Open</h1>
  <ul>
    <a href="register.html"><li> School of Engineering</li></a>
    <a href="register.html"><li> School of Law</li></a>
    <a href="register.html"><li> School of Management</li></a>
    <a href="register.html"><li> School of Commerece</li></a>
    <a href="register.html"><li> School of Design</li></a>

  </ul>
</body>
</html>

```

facilities.html

```

<html>

<head>
  <title>Facilities</title>
  <style>
    body {
      background-color: rgb(211, 215, 211);
    }

    img {
      float: right;
      height: 200px;
      width: 350px;
      border-radius: 20px;
      margin: 110px 19px;
    }

    p {

      margin: 29px 23px;
      font-size: 24px;
      width: 750px;
      text-align: justify;
    }

    h1 {
      font-family: 'Courier New', Courier, monospace;
      font-size: 30px;
      margin: 25px 203px;
      border: 2px solid black;
    }

```

```
display: inline-block;
padding: 5px;
border-radius: 15px;
background-color: lightgray;
}
```

```
#a2 {
float: left;
margin: 160px 10px;
}
```

```
#P2 {
/* border:2px solid black; */
margin: 10px 370px;
width: 650px;
}
```

```
#h2 {
margin: 10px 10px;
}
```

```
</style>
</head>
```

```
<body>
```

```

<h1>Library</h1>
<p>
```

The Presidency University reference and lending library is well-stocked with a vast collection of books, reports, journals and periodicals. The library also provides access to the best of business and management-related digital resources through its subscription to various databases consisting of scholarly and industry-relevant content.

Students utilize these services for their classroom-related work and for further research into their areas of interest.

```
</p>

<h1 #id="H2">Classrooms</h1>
<p id="P2">
```

The Presidency University reference and lending library is well-stocked with a vast collection of books, reports, journals and periodicals. The library also provides access to the best of business and management-related digital

resources through its subscription to various databases consisting of scholarly and industry-relevant content.

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</p>

<h1>Library</h1>

<p>

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reports, journals and periodicals. The library also provides access to the best of business and

management-related digital resources through its subscription to various databases consisting of scholarly and

industry-relevant content. Students utilize these services for their classroom-related work and for further

research into their areas of interest.

</p>

<h1 #id="H2">Classrooms</h1>

<p id="P2">

The Presidency University reference and lending library is well-stocked with a vast collection of books,

reports, journals and periodicals. The library also provides access to the best of business and

management-related digital resources through its subscription to various databases consisting of scholarly and

industry-relevant content. Students utilize these services for their classroom-related work and for further

research into their areas of interest.

</p>

</body>

</html>

login.html

<html> <head>

<title>Login_page</title>

</head>

<body bgcolor="gray"><center>

<h1> Login Page</h1>

<h3>

Name: <input type="text" placeholder="Enter Name">

Password: <input type="text" placeholder="Password">

<input type="button" value="Sumbit">

```
        <input type="button" value="Register">
    </h3>
</center></body></html>
```

register.html

```
<html> <head>
    <title>Registration_Page</title>
</head>
<body bgcolor="skyblue"><center>
    <h1> Registration Page</h1>
    <h2>
Name: <input type="text" placeholder="Enter Name"><br><br>
Email: <input type="text" placeholder="Email"><br><br>
Mobile Number: <input type="text" placeholder="Mobile Number"><br><br>
Address: <input type="text" placeholder="Address"><br><br>
Gender: <input type="radio">Male <br><br>
        <input type="radio">Female <br><br>
Date Of Birth: <input type="date"> <br><br>
```

```
        <input type="button" value="Sumbit">

</h2>
</center></body></html>
```

top.html

```
<html>
    <head>
        <link rel="stylesheet" href="mystyle.css">
        <style>
            * {
                margin:0;
                padding:0;
                box-sizing: border-box;
            }
            body{
                display: flex;
                justify-content: center;
                align-items: center;
                height: 100vh;
                background-color: #151925;
                font-family: sans-serif;
                font-weight: bold;
            }
            a
            {
```

```

position: relative;
display: inline-block;
padding:25px 15px;
margin:20px 10px;
color: #03e9f4;
text-decoration: none;
text-transform: uppercase;
transition: 0.9s;
/* letter-spacing: 2px; */
overflow: hidden;
margin-right:20px;
}
a:hover
{
background: #03e9f4;
color: #050801;
box-shadow: 0 0 5px #03e9f4, 0 0 25px #03e9f4, 0 0 50px #03e9f4, 0 0 200px #03e9f4;
-webkit-box-reflect:below 1px linear-gradient(transparent, #0005);
}
a:nth-child(1)
{
filter:hue-rotate(270deg);
}
a:nth-child(2)
{
filter:hue-rotate(110deg);
}
a:nth-child(3)
{
filter:hue-rotate(200deg);
}
a:nth-child(4)
{
filter:hue-rotate(270deg);
}
a:nth-child(5)
{
filter:hue-rotate(110deg);
}
a:nth-child(6)
{
filter:hue-rotate(186deg);
}
a span
{

```

```

    position: absolute;
    display: block;
}
a span:nth-child(1)
{
    top: 0;
    left: 0;
    width: 100%;
    height: 2px;
    background: linear-gradient(90deg, transparent, #03e9f4);
    animation: animate1 1s linear infinite;
}
@keyframes animate1
{
    0%{left:-100%;}
    50%, 100%{left:100%;}
}
a span:nth-child(2)
{
    top: -100%;
    right: 0;
    width: 2px;
    height: 100%;
    background: linear-gradient(180deg, transparent, #03e9f4);
    animation: animate2 1s linear infinite;
    animation-delay: 0.25s;
}
@keyframes animate2
{
    0%{top:-100%}
    50%, 100%{top:100%;}
}
a span:nth-child(3)
{
    bottom: 0;
    right: 0;
    width: 100%;
    height: 2px;
    background: linear-gradient(270deg, transparent, #03e9f4);
    animation: animate3 1s linear infinite;
    animation-delay: 0.5s;
}
@keyframes animate3
{
    0%{right:-100%}
    50%, 100%{right:100%;}
}

```



```

a span:nth-child(4)
{
    bottom:-100%;
    left:0;
    width:2px;
    height:100%;
    background: linear-gradient(360deg, transparent,#03e9f4);
    animation: animate4 1s linear infinite;
    animation-delay: 0.75s;
    /* border-radius:20px; */
}
@keyframes animate4
{
    0%{bottom:-100%}
    50%, 100%{bottom:100%;}
}

</style>
</head>
<body bgcolor="black">
    

    <a href="about.html" target="bottom">
        Home<span></span>
        <span></span>
        <span></span>
        <span></span>
    </a>
    <a href="academics.html" target="bottom">
        <span></span>
        <span></span>
        <span></span>
        <span></span>
        Academic
    </a>
    <a href="admission.html" target="bottom">
        <span></span>
        <span></span>
        <span></span>
        <span></span>
        Admissions
    </a>
    <a href="facilities.html" target="bottom">
        <span></span>

```

```

        <span></span>
        <span></span>
        <span></span>
        Facilities
    </a>
    <a href="login.html" target="bottom">
        <span></span>
        <span></span>
        <span></span>
        <span></span>
        Login
    </a>
    <a href="register.html" target="bottom">
        <span></span>
        <span></span>
        <span></span>
        <span></span>
        Register
    </a>
</body>
</html>

```

Lab-2

```

<!DOCTYPE html>
<html><head>  <style>
    canvas {
        border: 1px solid white;
    }
    body{
        background-color: yellow;
        color:blue;
    }
</style></head>
<body>
    <center>
    <header>
        <h1>Canvas Example</h1>
        <p>Draw on the canvas by clicking and dragging the mouse</p>
    </header>
    <article>
        <h2>Canvas</h2>
        <canvas id="myCanvas"
            width="500"

```

```

        height="400"
        onmousedown="startDrawing(event)"
        onmousemove="drawLine(event)"
        onmouseup="stopDrawing(event)">
    </canvas>
</article>
<script>
    var canvas = document.getElementById("myCanvas");
    var abc = canvas.getContext("2d");
    var isDrawing = false;
    function startDrawing(event) {
        isDrawing = true;
        var x = event.clientX - canvas.offsetLeft;
        var y = event.clientY - canvas.offsetTop;
        abc.beginPath();
        abc.moveTo(x, y);
    }
    function drawLine(event) {
        if (isDrawing) {
            var x = event.clientX - canvas.offsetLeft;
            var y = event.clientY - canvas.offsetTop;
            abc.lineTo(x, y);
            abc.stroke();
        }
    }
    function stopDrawing(event) {
        isDrawing = false;
    }
</script></center>
</body>
</html>

```

Lab-3

```

<!DOCTYPE html><html><head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width">
    <title>replit</title>
    <link href="style.css" rel="stylesheet" type="text/css" />
</head>

```

```

<body bgcolor="lightblue">
  <center><H1> ***** Employee Basic Details *****</H1></center><hr>

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

    <label for="dob">Date of Birth:</label>
    <input type="date" id="dob" name="dob" required /><br><br>

    <div id="age-range">
      <label for="age">Age:</label>
      <input type="range" id="age" name="age" min="18" max="100" /> <br><br>
      <span class="age-value"> </span>
    </div>

    <div id="email-group">
      <label for="email">Email:</label>
      <input type="email" id="email" name="email" required /><br><br>
    </div>

    <div id="website-group">
      <label for="website">Website:</label>
      <input type="url" id="website" name="website" /><br><br>
    </div>

    <button type="submit">Sign Up</button>
  </form>

  <script>
    const ageRange = document.getElementById('age-range');
    const emailGroup = document.getElementById('email-group');
    const websiteGroup = document.getElementById('website-group');

    ageRange.style.display = 'none';
    emailGroup.style.display = 'none';
    websiteGroup.style.display = 'none';

    document.getElementById('dob').addEventListener('change', function () {
      const age = calculateAge(this.value);
      if (age < 18) {
        ageRange.style.display = 'none';
        emailGroup.style.display = 'none';
        websiteGroup.style.display = 'none';
      } else if (age >= 18 && age <= 25) {
        ageRange.style.display = 'block';
        emailGroup.style.display = 'block';
      }
    });
  </script>

```

```

        websiteGroup.style.display = 'none';
    } else {
        ageRange.style.display = 'block';
        emailGroup.style.display = 'block';
        websiteGroup.style.display = 'block';
    }
    // display age

    ageRange.querySelector('.age-value').innerHTML = age;
    ageRange.querySelector('input').value = age;
});

// inline validation
document.querySelectorAll('input[required]').forEach((input) => {
    input.addEventListener('invalid', function () {
        this.setCustomValidity('Please fill out this field.');
```

```

    });
    input.addEventListener('input', function () {
        this.setCustomValidity('');
    });
});

function calculateAge(birthday) {
    const today = new Date();
    const birthDate = new Date(birthday);
    let age = today.getFullYear() - birthDate.getFullYear();
    return age;
}

```

```

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

```

Lab-4

```

<!DOCTYPE html>
<html>

<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width">
  <title>replit</title>
  <style>
    body {

```

```

        font-family: Arial, sans-serif;
        margin: 0;
        padding: 0;
    }
    header {
        background-color: #333;
        color: white;
        padding: 20px;
    }
    nav a {
        color: white;
        text-decoration: none;
        margin-right: 20px;
    }
    nav a:hover {
        color: #ffcc00;
    }
    main {
        background-color: #eee;
        padding: 50px;
        text-align: center;
    }

    main h2 {
        color: #333;
        font-size: 36px;
        margin-bottom: 20px;
    }
    main p {
        color: #666;
        font-size: 18px;
        line-height: 1.5;
        margin-bottom: 50px;
    }
    main img {
        max-width: 100%;
        height: auto;
        margin-top: 20px;
        box-shadow: 0px 0px 10px #333;
    }

    /* Menu section styles */
    section {
        display: flex;
        flex-wrap: wrap;
        justify-content: space-around;
        background-color: #fff;

```

```

        padding: 50px;
    }
    .menu-item {
        flex-basis: 30%;
        margin-bottom: 50px;
        box-shadow: 0px 0px 10px #999;
        padding: 20px;
        text-align: center;
    }
    .menu-item img {
        max-width: 100%;
        height: auto;
        margin-bottom: 20px;
    }
    .menu-item h3 {
        color: #333;
        font-size: 24px;
        margin-bottom: 10px;
    }
    .menu-item p {
        color: #666;
        font-size: 16px;
        line-height: 1.5;
    }
}

/* Footer styles */
footer {
    background-color: #333;
    color: white;
    padding: 20px;
    text-align: center;
}
footer p {
    font-size: 14px;
    margin: 0;
}

/* Gradient styles */
header {
    background: linear-gradient(to bottom, #333 0%, #666 100%);
}
nav a:hover {
    background: linear-gradient(to bottom, #ffcc00 0%, #ff9900 100%);
}
section {
    background: radial-gradient(circle, #fff 0%, #eee 100%);
}

```

```

.menu-item:hover {
    background: linear-gradient(to bottom, #eee 0%, #fff 100%);
    transform: translateY(-5px);
}
footer {
    background: linear-gradient(to bottom, #666 0%, #333 100%);
}
</style>
</head>

<body>
    <header>
        <h1>Welcome to My Restaurant</h1>
        <nav>
            <a href="#main">Home</a>
            <a href="#menu">Menu</a>
            <a href="#con">Contact Us</a>
        </nav>
    </header>

    <main>
        <h2 id="main">About Us</h2>
        <p>My Restaurant is a new restaurant opening soon in your city. Our mission is to provide our customers with delicious food and excellent service in a comfortable and friendly environment.</p>
        
    </main>

    <section>
        <div class="menu-item">
            
            <h3 id="menu">Ultimate Savings Bucket </h3>
            <p>Crunchy chicken topped with cheese, spicy sauce, veggies & herbs. All-chicken-no-crust pizza!</p>
        </div>

        <div class="menu-item">
            
            <h3>Family Fest</h3>
            <p>Flat Rs. 115 off on combo of 2pc Hot & Crispy, 2 pc Smoky Red Chicken & Large Popcorn.</p>
        </div>

        <div class="menu-item">
            
            <h3>Big 8</h3>

```



```
<p>Family Deal of 3 chicken zingers, med popcorn, med fries & 1 Pepsi
500ml</p>
</div>
</section>

<footer id="con">
  <p>&copy; 2023 My Restaurant</p>
</footer>
</center>
<script src="script.js"></script>
<script src="https://replit.com/public/js/replit-badge-v2.js" theme="dark"
position="bottom-right"></script>
</body>

</html>
```

Lab-7

[illegible]

```

Gender: <input type='radio' name="gender">male
<input type='radio' name="gender">female<br/><br />
<input type='Submit' value='submit' />
<input type='Reset' value='reset' />
</fieldset>
</center>

</form>

<script >
    function formValidator()
    {
        // Make quick references to our fields
        var firstname = document.getElementById('firstname');
        var lastname = document.getElementById('lastname');
        var email = document.getElementById('email');
        var pass = document.getElementById('pass');
        var addr = document.getElementById('addr');
        var mobileno = document.getElementById('mobileno');
        // Check each input in the order that it appears in the form!
        if(notEmpty(firstname, "first name can not be empty")){
            if(isAlphabet(firstname, "Please enter only letters for your Firstname")){
                if(lengthRestriction(firstname, 6)){
                    if(isAlphabet(lastname, "Please enter only letters for your Lastname")){
                        if(emailValidator(email, "Please enter a valid email address")){
                            if(lengthRestriction(pass, 6)){
                                if(isAlphanumeric(pass, "please enter Numbers and Letters Only for password")){
                                    if(notEmpty(addr, "please enter the address")){
                                        if(isNumeric(mobileno, "Please enter a valid mobileno")){
                                            if(lengthRestriction1(mobileno, 10 , 10)){
                                                return true;
                                            }
                                        }
                                    }
                                }
                            }
                        }
                    }
                }
            }
        }
        return false;
    }
    function notEmpty(elem, helperMsg){
        if(elem.value.length == 0){
            alert(helperMsg);
            elem.focus(); // set the focus to this input
            return false;
        }
        return true;
    }
    function isNumeric(elem, helperMsg){

```

```

var numericExpression = /^[0-9]+$/;
if(elem.value.match(numericExpression)){
return true;
}else{
alert(helperMsg);
elem.focus();
return false;
}
}
function isAlphabet(elem, helperMsg){
var alphaExp = /^[a-zA-Z]+$/;
if(elem.value.match(alphaExp)){
return true;
}else{
alert(helperMsg);
elem.focus();
return false;
}
}
function isAlphanumeric(elem, helperMsg){
var alphaExp = /^[0-9a-zA-Z]+$/;
if(elem.value.match(alphaExp)){
return true;
}else{
alert(helperMsg);
elem.focus();
return false;
}
}
function lengthRestriction(elem, min){
var uInput = elem.value;
if(uInput.length >= min){
return true;
}else{
alert("Please enter minimum " +min+ " characters");
elem.focus();
return false;
}
}
function emailValidator(elem, helperMsg)
{
var emailExp = /^[\\w\\-\\.\\+]+\\@[a-zA-Z0-9\\.\\-]+\\. [a-zA-z0-9]{2,4}$/;
if(elem.value.match(emailExp))
{
return true;
}
else{

```

```

alert(helperMsg);
elem.focus();
return false;
}
}
function lengthRestriction1(elem, min, max)
{
var uInput = elem.value;
if(uInput.length >= min && uInput.length <= max)
{
return true;
}
else {
alert("Please enter 10 numbers only");
elem.focus();
return false;
}
}
}
</script>

</html>

```

Fibonacci

```

<body>
<script>
var fib1 = 0, fib2 = 1, fib = 0;
var num = prompt("enter a number:\n", "");
if (num != null && num > 0) {
document.write("<h1> The first " + num + " number in the fibonacci series</h1>");
if (num == 1)
document.write("<h1>" + fib1 + "</h1>");
else {
document.write("<h2>" + fib1 + "</h2>");
document.write("<h2>" + fib2 + "</h2>");
}
for (i = 3; i <= num; i++) {
fib = fib1 + fib2;
document.write("<h2>" + fib + "</h2>");
fib1 = fib2;
fib2 = fib;
}
}
else
alert("Invalid Input");

</script>
</body>

```

Squares

```
<body>
<script type="text/javascript">
  var num=prompt("Enetr a number:\n","");
  var msgstr;
  if(num>0 && num!=null){
    msgstr="Number and its Square are in \n";
    for(i=1;i<num;i++)
    {
      msgstr=msgstr+i+"^2="+i*i+"\n";

    }
    alert(msgstr);
  }
  else
    alert("Invalid Input");
</script>

</body>
```