

Practical-1

Aim- Build web pages for your college with course details, departments, faculties, and the library. Use HTML href and list tags.

Code:

1.html file

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="utf-8" />

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <title>Pandit Deendayal Energy University</title>

  <link rel="stylesheet" href="1.css" />

  <link href="https://fonts.googleapis.com/css2?family=Lato&display=swap"
rel="stylesheet" />

  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.cs
s" rel="stylesheet"

  integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous" />

</head>

<body style="padding-top: 54px;">

  <nav class="navbar navbar-expand-lg bg-body-tertiary fixed-top">

    <div class="container-fluid">

      <a class="navbar-brand" href="#" style="

        color: #05386b;

        font-weight: 600;

        font-family: Garamond, Helvetica, sans-serif;

        padding-right: 950px;

        ">PDEU</a>

      <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bs-target="#navbarSupportedContent"

        aria-controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
```

```
        <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse" id="navbarSupportedContent">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
            <li class="nav-item">
                <a class="nav-link active" aria-current="page"
href="1.html">Home</a>
            </li>
            <li class="nav-item ps-4">
                <a class="nav-link" aria-current="page"
href="Library.html">Library</a>
            </li>
        </ul>
    </div>
</div>
</nav>

<div class="container">
    <div class="mt-2">
        <h1 class="bckph text-center" style="font-size: 60px; font-weight:
900; height: 80px">
            Pandit Deendayal Energy University
        </h1>
    </div>

    <div class="d-flex justify-content-center quote" style="border-radius:
25px">
        <h2 class="text-center fontstyle d-flex justify-content-center align-
items-center">

            </h2>
        </div>

        <div class="d-flex justify-content-center">
            
        </div>

        <div class="d-flex justify-content-center my-3">
            <h2 class="fontstyle">
```

```
</h2>
</div>
<div class="d-flex justify-content-center mt-4 mb-3">
  <button type="button" class="custom-btn btn-16">Select Your
Option</Option>
</button>
</div>
<div class="w-50 p-3" style="
  border-top: 2px solid black;
  border-left: 2px solid black;
  border-right: 2px solid black;
  margin-left: 25%;
"></div>
<div class="d-flex justify-content-center mt-3 mb-3">
  <button type="button" id="btn1" class="custom-btn btn-16"
style="margin-right: 25%" onclick="tree1()">
    Courses
  </button>
  <button type="button" id="btn2" class="custom-btn btn-16"
onclick="tree2()">
    Faculty
  </button>
</div>

<div class="w-25 p-3" id="branch1"></div>
<div class="w-25 p-3" id="branch2"></div>
<div class="d-flex justify-content-between mt-3 mb-3" id="Courses"
style="height: 80px"></div>
<script>
function tree1() {
  let element1 = document.getElementById("branch1");
  let element2 = document.getElementById("branch2");

  str1 = `border-left: 2px solid black;
  margin-left: 25%;`;
  element1.style = str1;

  str2 = `border-top: 2px solid black;
```

```
        border-left: 2px solid black;
        border-right: 2px solid black;
        margin-left: 12.5%;`;
element2.style = str2;

str3 = `
<button
    type="button"
    id="btn4"
    class="custom-btn btn-16">
    B.Tech
</button>
<button
    type="button"
    id="btn5"
    class="custom-btn btn-16"
    style="margin-right: 50%"
>
M.tech
</button>`;

element3 = document.getElementById("Courses");
element3.innerHTML = str3;
}

function tree2() {
    let element1 = document.getElementById("branch1");
    let element2 = document.getElementById("branch2");

    str1 = `border-right: 2px solid black;
        margin-left: 50%;`;
    element1.style = str1;

    str2 = `border-top: 2px solid black;
border-left: 2px solid black;
        border-right: 2px solid black;
        margin-left: 62.5%;`;
    element2.style = str2;
```

```
        str3 = `
        <button
            type="button"
            id="btn4"
            class="custom-btn btn-16"
            style="margin-left: 50%">
                Paawan Sharma
        </button>
        <button
            type="button"
            id="btn5"
            class="custom-btn btn-16"
            style="margin-right: 50%">
                Shivangi Mehta
        </button>`;

        element3 = document.getElementById("Courses");
        element3.innerHTML = str3;
    }
</script>
<div class="d-flex justify-content-center align-items-start" style="
    background-color: #05386b;
    height: 50px;
    color: #5cdb95;
    /* border-radius: 70px 70px 0px 0px; */
    " class="my-3 style=" height: 15px;>
    <h6>@Team PDEU</h6>
</div>
</div>
</body>
</html>
```

Library.html

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

<head>
  <meta charset="utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <title>Pandit Deendayal Energy University</title>
  <link href="https://fonts.googleapis.com/css2?family=Lato&display=swap"
rel="stylesheet" />
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.cs
s" rel="stylesheet"
  integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous" />
</head>

<body style="padding-top: 54px;">
  <nav class="navbar navbar-expand-lg bg-body-tertiary fixed-top">
    <div class="container-fluid">
      <a class="navbar-brand" href="#" style="
color: #05386b;
font-weight: 600;
font-family: Garamond, Helvetica, sans-serif;
padding-right: 950px;
">PDEU</a>
      <button class="navbar-toggler" type="button" data-bs-
toggle="collapse"
        data-bs-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false"
        aria-label="Toggle navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse"
id="navbarSupportedContent">
        <ul class="navbar-nav me-auto mb-2 mb-lg-0">
          <li class="nav-item">
            <a class="nav-link active" aria-current="page"
href="1.html">Home</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>

  <div class="container">
    <div class="mt-2">
      <h1 class="bckph text-center" style="font-size: 60px; font-
```

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```
weight: 900; height: 80px">
    Library is Empty...sorry for inconvenience
</h1>
</div>
<div class="d-flex justify-content-center">
</div>
</body>
</html>
```

1.css

```
/* Button on the first page*/
.frame {
    width: 90%;
    margin: 40px auto;
    text-align: center;
}

button {
    margin: 20px;
}

.custom-btn {
    width: 300px;
    height: 70px;
    color: #fff;
    border-radius: 5px;
    padding: 10px 25px;
    font-family: 'Lato', sans-serif;
    font-weight: 650;
    background: transparent;
    cursor: pointer;
    transition: all 0.3s ease;
    position: relative;
    display: inline-block;
    box-shadow: inset 3px 3px 3px 0px rgba(255, 255, 255, .5),
        7px 7px 20px 0px rgba(0, 0, 0, .1),
        4px 4px 5px 0px rgba(0, 0, 0, .1);
    outline: none;
}

.btn-16 {
    border: none;
    color: #000;
}

.btn-16:after {
```

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```
position: absolute;
content: "";
width: 0;
height: 100%;
top: 0;
left: 0;
direction: rtl;
z-index: -1;
box-shadow:
    -7px -7px 20px 0px #fff9,
    -4px -4px 5px 0px #fff9,
    7px 7px 20px 0px #0002,
    4px 4px 5px 0px #0001;
transition: all 0.3s ease;
}

.btn-16:hover {
    color: #000;
}

.btn-16:hover:after {
    left: auto;
    right: 0;
    width: 100%;
}

.btn-16:active {
    top: 2px;
}

/* Color background -----
*/
.bckph {
    font-size: 50px;
    font-weight: 900;
    background-image: url("https://images.unsplash.com/photo-1543857778-
c4a1a3e0b2eb?ixlib=rb-
4.0.3&ixid=M3wxMjA3fDB8MHxzZWZyY2h8MzR8fGFic3RyYWN0JTIwcGFpbmRpbmd8ZW58MHx8M
Hx8fDA%3D&auto=format&fit=crop&w=400&q=60");
    color: #05386b;
    background-size: cover;
    background-clip: text;
    -webkit-background-clip: text;
}

/* tree -----
*/
```


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```
:root {  
    font-size: 14px;  
}  
  
.tree-view {  
    position: relative;  
  
    display: flex;  
    flex-direction: column;  
  
    width: max-content;  
  
    font-size: 1.25rem;  
  
    padding-left: 1rem;  
  
    user-select: none;  
}  
  
.branch-node {  
    position: relative;  
  
    padding-left: 2rem;  
  
    cursor: pointer;  
}  
  
.branch-node::before,  
.branches> ::before {  
    content: "";  
  
    position: absolute;  
  
    left: -0.5rem;  
    top: 1.5rem;  
  
    width: 3rem;  
  
    border-left: 2px solid black;  
    border-top: 2px solid black;  
}  
  
.branch-node:not(:last-child)::before,  
.branches> :not(:last-child)::before {  
    height: 100%;  
}
```

```
.branch-node:last-child::before,
.branches> :last-child::before {
    border-top: 0;
    border-bottom: 2px solid black;
}

:not(.tree-view)>.branch-node:first-child::after,
.branches> :first-child::after {
    content: "";

    position: absolute;

    left: -0.5rem;
    top: -1.5rem;

    height: 3rem;

    border-left: 2px solid black;
}

.branch-title {
    position: relative;

    display: list-item;
    list-style: none;

    width: max-content;
    height: 3rem;
    line-height: 3rem;

    padding-left: 3rem;
    padding-right: 1rem;
    padding-bottom: 1.5rem;
}

.branch-title::before {
    content: "►";

    position: absolute;

    left: 1rem;

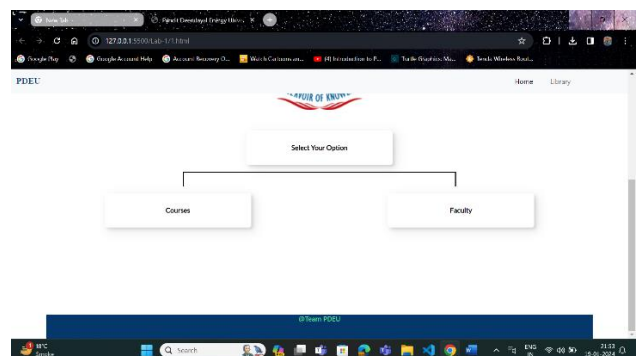
    margin-right: 1rem;
}
```

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```
.branch-node.open>.branch-title::before {  
    transform: rotate(90deg);  
}  
  
.branch-node.open>.branches {  
    display: initial;  
}  
  
.branches {  
    display: none;  
  
    padding: 0;  
    margin: 0;  
}  
  
.branches>.branch-node {  
    margin-left: 2rem;  
}  
  
.branches>li {  
    position: relative;  
  
    list-style: none;  
  
    width: fit-content;  
    min-height: 4rem;  
    line-height: 3rem;  
  
    margin-left: 2rem;  
    padding-left: 3rem;  
}
```

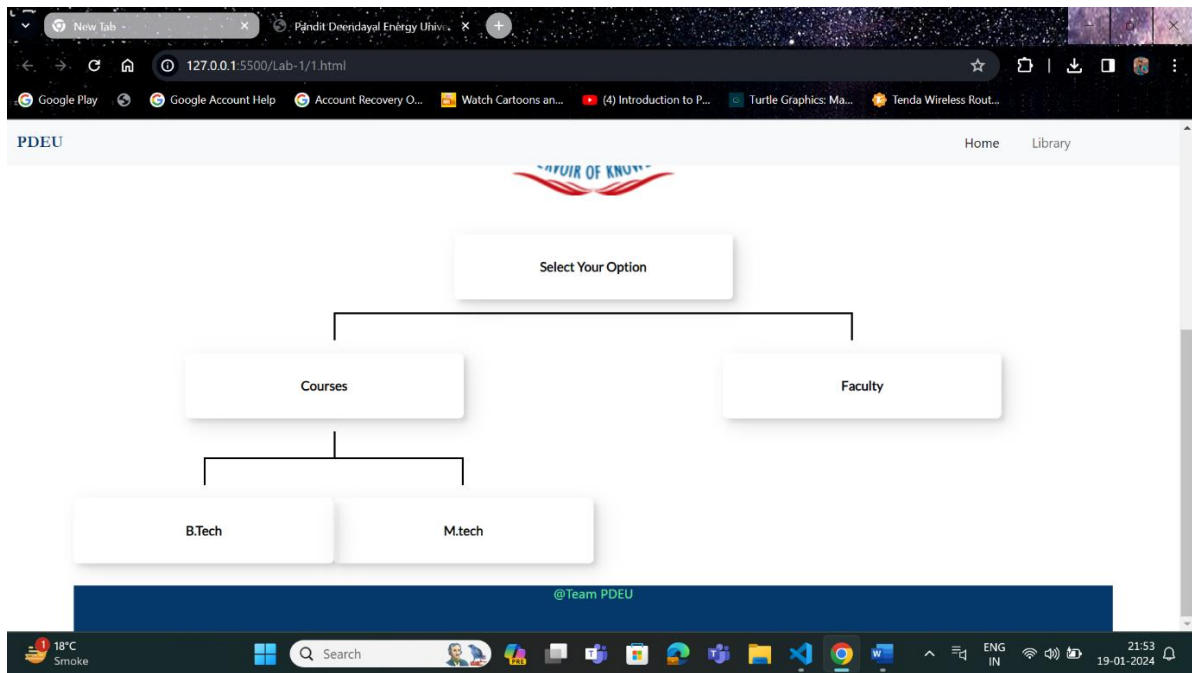
Output:

Home Page:

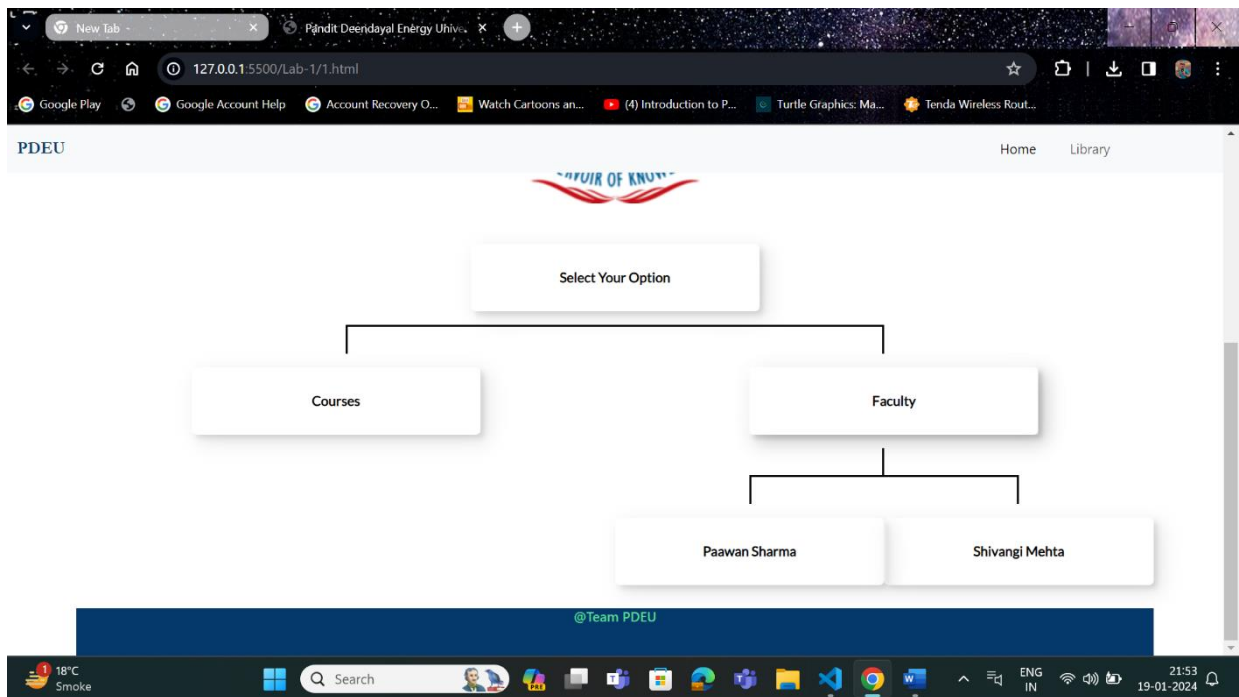


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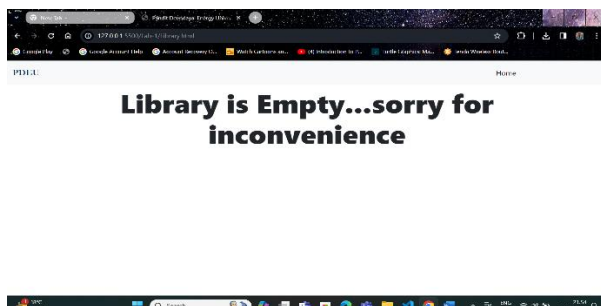
Click on Course:



Click on Faculty:



Click on Library:



Practical-2

Aim- Build web pages for your college time table using 'href' and 'list' tags.

Code:

.html file

```
<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="1.css">

    <title>Time Table</title>

</head>

<div class="topnav">

    <a1 class="active"><b>Time Table</b></a1>

    <a class="active" href="1.html"><b>Home</b></a>

</div>

<body>

    <div>

        <h1>ICT Division 4 (6)</h1>

        <table style="width:100%">

            <tr>

                <td><b>Day/Time</b></td>

                <td><b>09:00-09:55</b></td>

                <td><b>10:00-10:55</b></td>
```

<td>10:55-11:10</td>
<td>11:10-12:05</td>
<td>12:10-13:05</td>
<td>13:10-14:05</td>
<td>14:10-15:05</td>
<td>15:10-16:05</td>
<td>16:05-16:15</td>
<td>16:15-17:10</td>
<td>17:15-18:10</td>
</tr>
<tr>
<td>Monday</td>
<td colspan="2">H7 (23IC301P) E112-113, SHIP-P H8 (23IC301P) E112-113, PWS-P</td>
<td rowspan="5">S H O R T B R E A K</td>
<td colspan="2">H7H8 (20HS301P) C007, RAVA-P</td>
<td rowspan="4">L U N C H B R E A K</td>
<td colspan="2">H7 (20IC316P) F-503, MSK-P H8 (20IC316P) F-503, MORO-P</td>
<td rowspan="4">S H O R T B R E A K</td>
<td rowspan="2" colspan="2">Slots For Open Electives</td>
</tr>
<tr>
<td>Tuesday</td>
<td colspan="2">H8 (20IC304P) F-204, MAMA-P H7 (20IC305P) E212-1, SOPA-P</td>

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Roll No:21BIT247

<td colspan="2">H7H8 (20IC313P) E212-1, JRS-P</td>	
<td>H7H8 (20IC304T) F-504, GUTH-L</td>	
<td>H7H8 (20IC305T) F-504, SOPA-L</td>	
</tr>	
<tr>	
<td>Wednesday</td>	
<td>H7H8 (23IC301T) E-203, SHIV-L</td>	
<td>H7H8 (20IC304T) F-504, GUTH-L</td>	
<td>H7H8 (20IC313T) E-201, JRS-L</td>	
<td>H7H8 (20IC306T) E-105, PRAB-L</td>	
<td colspan="2">H7 (20IC306P) E112-113, NSR-P H8 (20IC306P) E112-113, PRAB-P</td>	
<td>H7H8 (22CDC006) E-201, CDCT-L</td>	
<td>H7H8 (20IC316T) F-503, MSK-L</td>	
</tr>	
<tr>	
<td>Thursday</td>	
<td>H7H8 (20IC304T) E-203, GUTH-L</td>	
<td>LIBRARY</td>	
<td>H7H8 (20IC313T) E-201, JRS-L</td>	
<td>H7H8 (20IC306T) E-104, PRAB-L</td>	
<td>H7H8 (20IC316T) F-504, MSK-L</td>	
<td>H7H8 (20IC305T) F-504, SOPA-L</td>	
<td colspan="2">H8 (20IC305P) E212-1, SOPA-P H7 (20IC304P) F-204, MAMA-P</td>	
</tr>	
<tr>	

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```
<td><b>Friday</b></td>

<td>H7H8 (23IC301T) <br>E-203, SHIV-L</td>

<td>H7H8 (20IC305T) <br>F-503, SOPA-L</td>

<td>H7H8 (22CDC006) <br>E-202, CDCT-L</td>

<td>CLUB  ACTIVITY</td>

<td>H7H8 (20IC306T) <br>F-504, PRAB-L</td>

</tr>

</table>

</div>

</body>

</html>
```

.css file

```
body {

    background: #FDEBD0;

}

div {

    position: relative;

    animation: mymove 3s;

    animation-fill-mode: forwards;

}

@keyframes mymove {

    from {

        bottom: -600px;
```



```
}

to {

    bottom: 0px;

}

}

h1 {

    text-align: center;

    color: crimson;

}

table,

th,

td {

    border: 1px solid rgb(41, 28, 225);

    color: #000000;

    text-align: center;

}

/* Add a black background color to the top navigation */

.topnav {

    background-color: #FDEBD0;

    overflow: hidden;

}

/* Style the links inside the navigation bar */
```

```
.topnav a1 {  
  
    float: left;  
  
    color: #000000;  
  
    text-align: center;  
  
    padding: 14px 16px;  
  
    text-decoration: none;  
  
    font-size: 25px;  
  
}  
  
.topnav a {  
  
    float: right;  
  
    color: #000000;  
  
    text-align: center;  
  
    padding: 14px 16px;  
  
    text-decoration: none;  
  
    font-size: 25px;  
  
}  
  
/* Change the color of links on hover */  
  
.topnav a:hover {  
  
    background-color: #FDEBD0;  
  
    color: black;  
  
}  
  
/* Add a color to the active/current link */  
  
.topnav a.active {  
  
    background-color: #FDEBD0;
```

Mihir Makwana
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```
color: black;  
  
}
```

Output:

Time Table											Home
ICT Division 4(6)											
Day/Time	09:00-09:55	10:00-10:55	10:55-11:10	11:10-12:05	12:10-13:05	13:10-14:05	14:10-15:05	15:10-16:05	16:05-16:15	16:15-17:10	17:15-18:10
Monday	H7(23IC301P)E112-113,SHIP-P H8(23IC301P)E112-113,PWS-P		S H O R T B R E A K	H7H8(20HS301P)C007,RAVA-P		L U N C H B R E A K	H7(20IC316P)F-503,MSK-P H8(20IC316P)F-503,MORO-P		S H O R T B R E A K	Slots For Open Electives	
Tuesday	H8(20IC304P)F-204,MAMA-P H7(20IC305P)E212-1,SOPA-P			H7H8(20IC313P)E212-1,JRS-P			H7H8(20IC304T)F-504,GUTH-L H7H8(20IC305T)F-504,SOPA-L				
Wednesday	H7H8(23IC301T)E-203,SHIV-L H7H8(20IC304T)F-504,GUTH-L	H7H8(20IC304T)F-504,GUTH-L		H7H8(20IC313T)E-201,JRS-L H7H8(20IC306T)E-105,PRAB-L	H7H8(20IC306T)E-105,PRAB-L		H7(20IC306P)E112-113,NSR-P H8(20IC306P)E112-113,PRAB-P			H7H8(22CDC006)E-201,CDCT-L H7H8(20IC316T)F-503,MSK-L	H7H8(20IC316T)F-503,MSK-L
Thursday	H7H8(20IC304T)E-203,GUTH-L LIBRARY			H7H8(20IC313T)E-201,JRS-L H7H8(20IC306T)E-104,PRAB-L	H7H8(20IC306T)E-104,PRAB-L		H7H8(20IC316T)F-504,MSK-L H7H8(20IC305T)F-504,SOPA-L			H8(20IC305P)E212-1,SOPA-P H7(20IC304P)F-204,MAMA-P	
Friday	H7H8(23IC301T)E-203,SHIV-L E-203,SHIV-L	H7H8(20IC305T)F-503,SOPA-L		H7H8(22CDC006)E-202,CDCT-L CLUB ACTIVITY			H7H8(20IC306T)F-504,PRAB-L				

Practical-3

Aim- Build web Page,

1. Create one Faculty Feedback form with Student Name, Roll Number, Faculty Name, Subject Name, Questions, Suggestion and Submit Button.
2. Create page with 20% and 80% ratio of screen where 20% is vertical navigation bar and 80% click where you see your resume.

Code:

1. Create Feedback Form

Form.html:

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width,initial-
scale=1.0">

    <title>Faculty Feedback Form</title>

    <link rel="stylesheet" href="Form.css">

</head>

<body>

    <h2>Faculty Feedback Form</h2>

    <div class="form-box">

        <div class="textup">

            <i class="fa fa-solid fa-clock"></i>

            It only takes two minutes!!
```

</div>

<form>

<label for="uname">

<i class="fa fa-solid fa-user"></i>

Student Name:

</label>

<input type="text" id="uname" name="uname" required>

<label for="RollNO">

<i class="fa fa-solid fa-envelope"></i>

Roll Number:

</label>

<input type="text" id="RollNO" name="RollNO" required>

<label>

Select Faculty Name:

<select name="FacultyName">

<option>--None--</option>

<option>Dr. ABC</option>

<option>Dr. DEF</option>

<option>Dr. GHI</option>

<option>Dr. JKL</option>

<option>Dr. MNO</option>

</select>

</label>

<label>

Select Subject Name:

```
<br />

<select name="FacultyName">

    <option>--None--</option>

    <option>Web Technology</option>

    <option>Data Structure</option>

    <option>Alogrithm Analysis</option>

    <option>Compiler Design</option>

    <option>Artificial Intelligence</option>

</select>

</label>

<label>

    <i class="fa-solid fa-face-smile"></i>

    Rate the faculty teaching Sceme.

</label>

<div class="radio-group">

    <input type="radio" id="1" name="1" value="5">

    <label for="yes">5</label>

    <input type="radio" id="1" name="1" value="4">

    <label for="no">4</label>

    <input type="radio" id="1" name="1" value="3">

    <label for="no">3</label>

    <input type="radio" id="1" name="1" value="3">

    <label for="no">2</label>

    <input type="radio" id="1" name="1" value="1">

    <label for="no">1</label>

</div>

<label>
```

```
<i class="fa-solid fa-face-smile"></i>

Rate the faculty provides the material.

</label>

<div class="radio-group">

    <input type="radio" id="2" name="2" value="5">

    <label for="yes">5</label>

    <input type="radio" id="2" name="2" value="4">

    <label for="no">4</label>

    <input type="radio" id="2" name="2" value="3">

    <label for="no">3</label>

    <input type="radio" id="2" name="2" value="2">

    <label for="no">2</label>

    <input type="radio" id="2" name="2" value="1">

    <label for="no">1</label>

</div>

<label for="msg">

    <i class="fa-solid fa-comments" style="margin-right:
3px;"></i>

    Your Suggestions for faculty need to improve:

</label>

<textarea id="msg" name="msg" rows="4" cols="10" required>

</textarea>

<button type="submit"
formaction="Submit.html">Submit</button>

<button type="Form" formaction="Form.html">Clear
Form</button>

</form>

</div>
```

```
</body>
```

```
</html>
```

Form.css

```
body {  
  
    margin:100px;  
  
    display: flex;  
  
    align-items: center;  
  
    justify-content: space-around;  
  
    flex-direction: column;  
  
    height: 100vh;  
  
    background-color: #bde5d2;  
  
    font-family: 'Poppins', sans-serif;  
  
}  
  
.textup {  
  
    text-align: center;  
  
    color: rgb(11, 118, 11);  
  
    font-weight: 700;  
  
}  
  
i {  
  
    margin-right: 3px;  
  
}  
  
.form-box {
```


Mihir Makwana
Roll No:21BIT247

```
background-color: #fff;

box-shadow: 0 0 10px rgba(36, 67, 40, 0.8);

padding: 15px;

border-radius: 8px;

width: 500px;

}

form {

    max-width: 400px;

    margin: 0 auto;

}

.radio-group {

    display: flex;

    margin-bottom: 16px;

}

input[type="radio"] {

    margin-right: 8px;

}

label {

    display: block;

    margin-bottom: 8px;

    font-size: 17px;

    color: green;

    font-weight: 600;
```

```
}
```

```
input,
```

```
textarea {
```

```
    width: 100%;
```

```
    padding: 8px;
```

```
    font-family: 'Times New Roman', Times, serif;
```

```
    margin-bottom: 12px;
```

```
    box-sizing: border-box;
```

```
    border-radius: 10px;
```

```
}
```

```
button {
```

```
    background-color: #368b44;
```

```
    color: #fff;
```

```
    margin: 10px;
```

```
    padding: 10px;
```

```
    border: none;
```

```
    border-radius: 25px;
```

```
    cursor: pointer;
```

```
    width: 100%;
```

```
    font-size: 15px;
```

```
    transition: .2s linear;
```

```
}
```

```
button:hover {
```

```
background-color: #000000;  
  
border: none;  
  
transform: translateY(-10px);  
  
}
```

Submit.html

```
<!DOCTYPE html>  
  
<html>  
  
<head>  
  
    <link rel="stylesheet" href="Submit.css">  
  
    <ul>  
  
        <li><a class="active" href="Form.html"><b>Home</b></a></li>  
  
    </ul>  
  
    <h1>Your Response is succsefully submitted.</h1>  
  
</head>  
  
<body>  
  
    <div class="container">  
  
        <div class="emoji">  
  
            <div class="face">  
  
                <div class="eyebrow">  
  
                    <span></span>  
  
                    <span></span>  
  
                </div>  
  
                <div class="eye">  
  
                    <span></span>  
  
                    <span></span>
```

```
        </div>

        <div class="mouth"></div>

    </div>

</div>

</body>

</html>
```

Submit.css

```
body{

    background-color: #bde5d2;

}

h1{

    margin-top: 30px;

    text-align: center;

}

ul {

    list-style-type: none;

    margin: 0;

    padding: 0;

    overflow: hidden;

    background-color: #bde5d2;

}

li a {

    display: block;

    color: rgb(0, 0, 0);

    text-align: right;
```

```
        font-size: 25px;

        padding: 14px 16px;

        text-decoration: none;
    }

    .container{

        width: 100%;

        height: 100%;

        display: flex;

        align-items: center;

        justify-content: center;
    }

    .emoji{

        position: relative;

        height: 200px;

        width: 200px;

        border-radius: 50%;

        background: linear-gradient(#ffda6b, #ff935c);
    }

    .face{

        height: 100%;

        width: 100%;

        animation: face 5s linear infinite;
    }

    .eyebrow{

        width: 100%;

        text-align: center;

        position: absolute;
```

```
        top: 20px;

        animation: eyebrow 5s linear infinite;
    }

    .eyebrow span{

        display: inline-block;

        margin: 0px 12px;

        width: 50px;

        height: 50px;

        border-radius: 50%;

        border: 8px solid #b96a46;

        border-bottom-color: transparent;

        border-left-color: transparent;

        border-right-color: transparent;

        position: relative;
    }

    .eyebrow span::before, .eyebrow span::after{

        content: '';

        background: #b96a46;

        width: 12px;

        height: 12px;

        border-radius: 50%;

        position: absolute;
    }

    .eyebrow span::before{

        left: -2px;

        top: -2px;
    }
}
```

```
.eyebrow span::after{

    right: -2px;

    top: -2px;

}

.eye{

    width: 100%;

    text-align: center;

    position: absolute;

    top: 50px;

}

.eye span{

    display: inline-block;

    height: 40px;

    width: 30px;

    margin: 0px 22px;

    border-radius: 50%;

    background: #262c38;

}

.mouth{

    width: 60px;

    height: 80px;

    border-radius: 50%;

    position: absolute;

    top: 50%;

    left: 67px;

    background: linear-gradient(#481f00, #b96a46);

    animation: mouth 5s linear infinite;
```

Mihir Makwana
Roll No:21BIT247

```
}

@keyframes face {

    15%, 25%{transform: rotate(25deg) translateX(-35px);}

    45%, 65%{transform: rotate(-25deg) translateX(35px);}

    75%, 100%{transform: rotate(0deg) translateX(0px);}

}

@keyframes eyebrow {

    15%, 65% {top: 35px;}

    75%, 100%, 0% {top: 15px;}

}

@keyframes mouth {

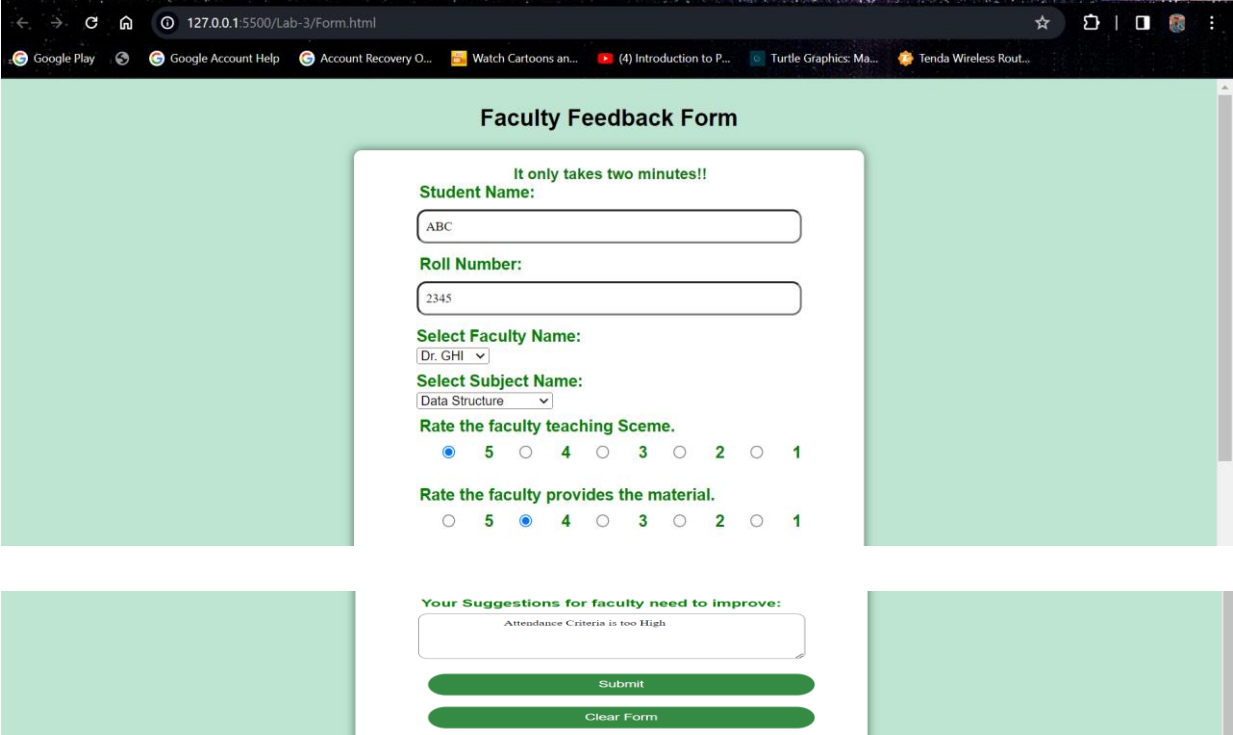
    10%, 30% {width: 34px; height: 34px; left: calc(50%-17px);}

    50%, 70% {width: 60px; height: 70px; left: calc(50%-30px);}

    75%, 100% {height: 80px;}

}
```

Output:



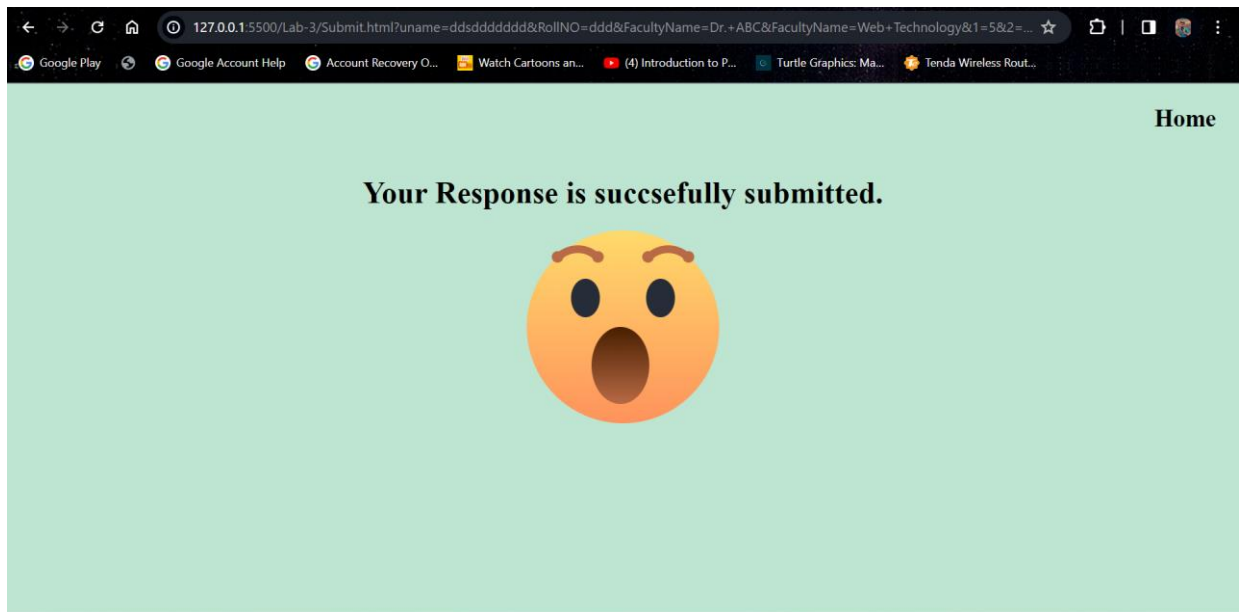
The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5500/Lab-3/Form.html'. The browser's taskbar at the top includes icons for Google Play, Google Account Help, Account Recovery, Watch Cartoons, (4) Introduction to P..., Turtle Graphics, and Tenda Wireless Rout... The main content area features a 'Faculty Feedback Form' on a light green background. The form is a white card with a title 'Faculty Feedback Form' and a subtitle 'It only takes two minutes!!'. It contains the following fields and options:

- Student Name:** A text input field containing 'ABC'.
- Roll Number:** A text input field containing '2345'.
- Select Faculty Name:** A dropdown menu with 'Dr. GHI' selected.
- Select Subject Name:** A dropdown menu with 'Data Structure' selected.
- Rate the faculty teaching Sceme.** A row of radio buttons labeled 5, 4, 3, 2, 1. The '5' button is selected.
- Rate the faculty provides the material.** A row of radio buttons labeled 5, 4, 3, 2, 1. The '4' button is selected.
- Your Suggestions for faculty need to improve:** A text area containing the text 'Attendance Criteria is too High'.

At the bottom of the form are two green buttons: 'Submit' and 'Clear Form'.

Mihir Makwana
Roll No:21BIT247

After Click on submit button:



2. Create Resume page

Home.html

```
<!DOCTYPE html>

<html lang="en">

<frameset cols="20%, 80%">

    <frame name="navgation" src="Navigation.html" scrolling="auto"
noresize />

    <frame name="main" src="Main.html" scrolling="auto" noresize />

</frameset>

</html>
```

Home.css

```
body{

    background-color: #FDEBD0;;

}
```

Navigation.html

```
<!DOCTYPE html>

<html>

    <head>

        <title>Resume</title>

        <link rel="stylesheet" href="Navigation.css">

    </head>

    <body>

        <ul>

            <li><a href="Resume.html" target="main">About Me</a></li>

        </ul>

    </body>

</html>
```

Navigation.css

```
body{

    background-color: #FDEBD0;;

}

ul {

    list-style-type:circle;

    margin: 15;

    padding: 15;

    width: 200px;

    background-color: #FDEBD0;

}

li a {
```

Mihir Makwana
Roll No:21BIT247

```
        display:grid;

        color: #000;

        padding: 8px 16px;

        text-decoration: none;

    }
```

Main.html

```
<!DOCTYPE html>

<html>

    <head>

        <link rel="stylesheet" href="Main.css">

    </head>

</html>


<body>

    <div>

        <h1>Click on 'About Me' to see my Resume.</h1>

    </div>

</body>
```

Main.css

```
body{

    background-color:#CAF0F8;

}
```

Resume.html

```
<!DOCTYPE html>

<html>
```

Mihir Makwana
Roll No:21BIT247

```
<head>

    <link rel="stylesheet" href="Resume.css">

</head>

</html>

<body>

    <h1>Mihir Makwana</h1>

    <div class="header">

        <a><b>LinkedIn: </b></a><a
href="https://www.linkedin.com/in/mihir-makwana-4193b9266/">Mihir
Makwana </a>

        |<a><b>Contact No.: </b></a><a href="tel://+91 91067-
82347">+91 91067-82347 </a>

        |<a><b>Email: </b></a><a
href="mailto:mihirmakwana1119@gmail.com">mihirmakwana1119@gmail.com</a
>

    </div>

    <hr class="NEW">

    <div>

        <h2>Education</h2>

        <a href="https://www.pdpu.ac.in/">Pandit Deendayal Energy
University</a>

        <li>B.Tech in Information and Communication Technology</li>

        <li>CGPA: 9.03</li>

        <a href="https://www.gyanjyot.co.in/">Gyanjyot Public
School</a>

        <li>Higher Secondary Education(12th Standard)</li>

        <li>Percentage: 90.5</li>

    </div>

</body>

</html>
```

```
<a href="https://www.shivashish.com/">Shiv Ashish School</a>

<li>Secondary Education(10th Standard)</li>

<li>Parcentagr: 80.33</li>

</div>

<hr class="NEW">

<div>

  <h2>Extracurricular Activities</h2>

  <a href="">TCSion Online courses</a>

  <li>Communication Skills</li>

  <li>Soft Skills</li>

  <li>Elements of AI</li>

</div>

<hr class="NEW">

<div>

  <h2>Internship</h2>

  <a href="https://www.verzeo.com/">Verzeo</a>

  <li>Course Completed</li>

  <li>Minor Project</li>

  <li>Major Project</li>

  <a href="https://visamokids.org/">Visamo Kids</a>

  <li>CSSI Internship</li>

  <li>Help student to solve them doubts</li>

  <li>Associate to some student for teaching</li>

</div>

<hr class="NEW">

<div>

  <h2>Skills & Interest</h2>
```

Mihir Makwana
Roll No:21BIT247

```
<li><b>Languages: </b>C, C++, Python, Java, Html, SQL</li>

<li><b>Developer Tools: </b>Visual Studio Code, Spyder, Google
Collab, MATLAB</li>

<li><b>Area of Interest: </b>Full stack Developer, Web
Development(Front-end),

Cyber Security, Python With turtle Animation</li>

<li><b>Soft Skills: </b>Public Speaking, Critical
Thinking, Event Management, Social Media Management</li>

<li><b>Course Work: </b>C, C++, Python, Object Oriented
Programming, Data Structures,

DBMS, OperatingSystems, Information Security,
Probability and statics for data science</li>
```

```
</div>
```

```
<hr class="NEW">
```

```
<div>
```

```
<h2>Experience</h2>
```

```
<li>Leetcode Everyday Problem Solve</li>
```

```
<li><b>Leetcode Profile: </b><a
href="https://leetcode.com/Mihir_Makwana/">Mihir_Makwana</a></li>
```

```
<li><b>Mostly Work: </b>C,C++, JAVA, PYTHON, HTML</li>
```

```
</div>
```

```
</body>
```

Resume.css

```
body{

    background-color: #FDEBD0;;

}

.header{

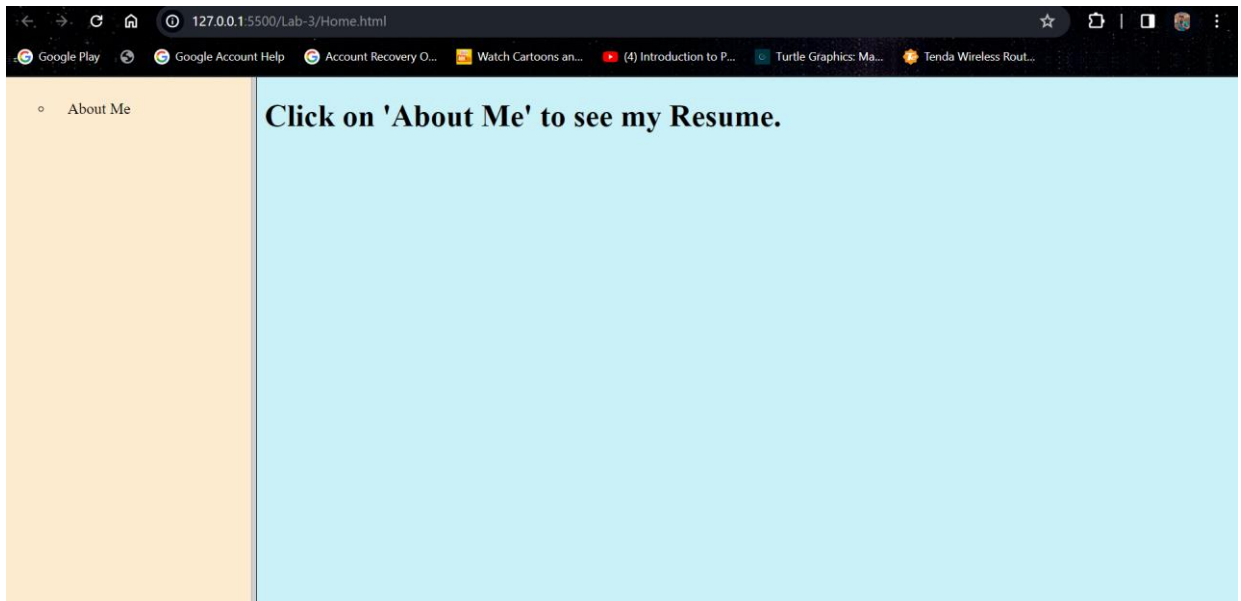
    text-align: center;

}
```

Mihir Makwana
Roll No:21BIT247

```
hr.NEW{  
  
    width: 75%;  
  
    border: 2px solid black;  
  
}  
  
h1{  
  
    text-align: center;  
  
    color:black;  
  
}  
  
a{  
  
    text-decoration: none;  
  
}
```

Output:



Mihir Makwana
Roll No:21BIT247

After Click on About me:

Mihir Makwana

LinkedIn: Mihir Makwana | Contact No.: +91 91067-82347 | Email: mihirmakwana1119@gmail.com

Education

- Pandit Deendayal Energy University
 - B.Tech in Information and Communication Technology
 - CGPA: 9.03
- Gyanjyot Public School
 - Higher Secondary Education (12th Standard)
 - Percentage: 90.5
- Shiv Ashish School
 - Secondary Education (10th Standard)
 - Percentage: 80.33

Extracurricular Activities

- TCSion Online courses
 - Communication Skills
 - Soft Skills
 - Elements of AI

Internship

Internship

- Verzeo
 - Course Completed
 - Minor Project
 - Major Project
- Visamo Kids
 - CSSI Internship
 - Help student to solve them doubts
 - Associate to some student for teaching

Skills & Interest

- Languages:** C, C++, Python, Java, Html, SQL
- Developer Tools:** Visual Studio Code, Spyder, Google Collab, MATLAB
- Area of Interest:** Full stack Developer, Web Development (Front-end), Cyber Security, Python With turtle Animation
- Soft Skills:** Public Speaking, Critical Thinking, Event Management, Social Media Management
- Course Work:** C, C++, Python, Object Oriented Programming, Data Structures, DBMS, Operating Systems, Information Security, Probability and statistics for data science

Experience

- Leetcode Everyday Problem Solve
- Leetcode Profile:** Mihir_Makwana
- Mostly Work:** C,C++, JAVA, PYTHON, HTML

Resume Click in any link:

The left screenshot displays a LeetCode profile for Mihir Makwana. It shows a contest rating of 1,352, a rank of 233,368, and a solved problem count of 92.87%. The right screenshot shows the official website of Pandit Deendayal Energy University (PDEU), featuring the university's logo, a NAAC A++ accreditation badge, and various institutional details.

Practical-4

Aim- Build web Page,

1. To use inline CSS to format your Resume.
2. To use External CSS to format your class time table as you created.

Code:

1. Resume:

Resume.html

```
<!DOCTYPE html>

<html>

    <link rel="stylesheet" href="Resume.css">

    <frameset cols="30%, 70%">

        <frame name="Nav" src="Nav.html" scrolling="auto" noresize >

        <frame name="Main" src="Side.html" scrolling="auto" noresize >

    </frameset>

</html>
```

Resume.css

```
.split{

    height: 100%;

    width: 50%;

}
```

Nav.html

```
<!DOCTYPE html>

<html>

<head>
```

```
<link rel="stylesheet" href="Nav.css">

<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.5.1/css/all.min.css"

integrity="sha512-
DT0Q09RWCH3ppGqcWaEA1BIZOC6xxalwEsw9c2QQeAIftl+Vegovlneelc9QX4TctnWMn1
3TZye+giMm8e2LwA=="

crossorigin="anonymous" referrerpolicy="no-referrer" />

</head>

<body>



<div class="Contact">

<h3><b>Contact</b></h3>

<i class="fa-solid fa-map-pin"></i><a
href="https://maps.app.goo.gl/PWAbgoypnEl3Urzg6" style="margin:
20px;">

Garden Paradise, Bopal-380058</a><br>

<i class="fa-solid fa-phone"></i><a href="tel://+91 91067-
82347" style="margin: 15px;"> +91 91067-82347</a><br>

<i class="fa-regular fa-envelope"></i><a
href="mailto:mihirmakwana1119@gmail.com" style="margin: 15px;">

mihirmakwana1119@gmail.com</a>

</div>

<div class="Social">

<h3>Social</h3>

<i class="fa-brands fa-linkedin"></i><a
href="https://www.linkedin.com/in/mihir-makwana-4193b9266/"

style="margin: 21px;">Mihir

Makwana</a><br>
```

Mihir Makwana
Roll No:21BIT247

```
<i class="fa-brands fa-facebook"></i><a  
href="https://www.instagram.com/mihir_1911/" style="margin:  
20px;">Mihir
```

```
Makwana</a><br>
```

```
<i class="fa-brands fa-instagram"></i><a  
href="https://www.instagram.com/mihir_1911/"  
  
style="margin: 22px;">mihir_1911</a>
```

```
</div>
```

```
</body>
```

```
</html>
```

Nav.css

```
body{  
  
background-color: #359ebf;  
  
}  
  
img{  
  
width: 150px;  
  
height: 150px;  
  
margin: 40px;  
  
margin-left:65px;  
  
border-radius: 50%;  
  
}  
  
.Contact{  
  
font-size: 20px;  
  
}  
  
.Social{  
  
font-size: 20px;  
  
}
```

```
a{  
  
    text-decoration: none;  
  
    font-family:'Times New Roman', Times, serif;  
  
}
```

Side.html

```
<!DOCTYPE html>  
  
<html>  
  
<head>  
  
    <link rel="stylesheet" href="Side.css">  
  
    <link rel="stylesheet"  
href="https://cdnjs.cloudflare.com/ajax/libs/font-  
awesome/6.5.1/css/all.min.css"  
  
        integrity="sha512-  
DTQO9RCH3ppGqCWaEA1BIZOC6xxalwEsw9c2QQeAIftl+Vegovlnee1c9QX4TctnWMn1  
3TZye+giMm8e2LwA=="  
  
        crossorigin="anonymous" referrerpolicy="no-referrer" />  
  
</head>  
  
<body>  
  
    <div class="name">  
  
        <h3>Resume of</h3>  
  
        <h2>Mihir Makwana</h2>  
  
        <h3>Devloper/Designer</h3>  
  
    </div>  
  
    <div class="Aboutme">  
  
        <h3>About Me</h3>  
  
        <p>I'm Web devloper also expert in solving problem since 2021
```

also good programming skill also expert in

communication skills with instant examples.

</p>

</div>

<div class="Education">

<h3>Education</h3>

Pandit Deendayal Energy
University

B.Tech in Information and Communication Technology

CGPA: 9.03 (After 5 Semester)

Gyanjyot Public
School

Higher Secondary Education (12th Standard)

Percentage: 90.5

Shiv Ashish School

Secondary Education (10th Standard)

Percentage: 80.33

</div>

<div class="Extracurricular">

<h3>Extracurricular Activities</h3>

<a href="https://www.tcsion.com/courses/career-edge-young-
professional/">TCSion Online courses

Communication Skills

Soft Skills

Elements of AI

</div>

<div class="Internship">

<h3>Internship</h3>

```
<a href="https://www.verzeo.com/">Verzeo</a>

<li>Course Completed</li>

<li>Minor Project</li>

<li>Major Project</li>

<a href="https://visamokids.org/">Visamo Kids</a>

<li>CSSI Internship</li>

<li>Help student to solve them doubts</li>

<li>Associate to some student for teaching</li>

</div>

<div class="Project">

    <h3>Project</h3>

    <li>Hardware Project in Analog Circuit Design---Light
    Depanding Register</li>

    <li>Smart India Hackathone---Creating Website(Ministry of
    Education)</li>

    <li>Smart India Hackathone---Website is Apllied for
    Pattent</li>

</div>

<div class="Skills">

    <h3>Skills & Interest</h3>

    <li><b>Languages: </b>C, C++, Python, Java, Html, SQL</li>

    <li><b>Developer Tools: </b>Visual Studio Code, Spyder, Google
    Collab, MATLAB</li>

    <li><b>Area of Interest: </b>Full stack Devloper, Web
    Development(Front-end),

        Cyber Security, Python With turtle Animation</li>

    <li><b>Soft Skills: </b>Public Speaking, Critical Thinking,
    Event Management, Social Media Management</li>

    <li><b>Course Work: </b>C, C++, Python, Object Oriented
```

Mihir Makwana
Roll No:21BIT247

Programming, Data Structures,

DBMS, Operating Systems, Information Security, Probability
and statistics for data science

</div>

<div class="Experience">

<h3>Experience</h3>

Leetcode Everyday Problem Solve

Leetcode Profile: Mihir_Makwana

Mostly Work: C,C++, JAVA, PYTHON, HTML

</div>

<div class="Hobbies">

<h3>Hobbies</h3>

Cricket

Chess

Rubix Cube

</div>

</body>

</html>

Side.css

body{

background-color: #9FBF35;

}

.name{

text-align: center;

h2{

Mihir Makwana
Roll No:21BIT247

```
font-size: 25px;

color:red;

}

h3{

margin-top: 0px;

font-size: 15px;

}

}
```

Output:



Contact

 Garden Paradise, Bopal-380058
 +91 91067-82347
 mihirmakwana1119@gmail.com

Social

 Mihir Makwana
 Mihir Makwana
 mihir_1911

Resume of

Mihir Makwana

Developer/Designer

About Me

I'm Web developer also expert in solving problem since 2021 also good programing skill also expert in communication skills with instent exaples.

Education

Pandit Deendayal Energy University

- B.Tech in Information and Communication Technology
- CGPA: 9.03(After 5 Semester)

Gyanjyoti Public School

- Higher Secondary Education(12th Standard)
- Percentage: 90.5


Shiv Ashish School

- Secondary Education(10th Standard)
- Percentage: 80.33




Extracurricular Activities

TCSion Online courses




- Communication Skills
- Soft Skills
- Elements of AI



Contact

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Social

 Mihir Makwana
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 mihir_1911

Extracurricular Activities

TCSion Online courses

- Communication Skills
- Soft Skills
- Elements of AI

Internship

Verzeo

- Course Completed
- Minor Project
- Major Project

Visamo Kids


- CSSI Internship
- Help student to solve them doubts
- Associate to some student for teaching

Project




- Hardware Project in Analog Circuit Design---Light Depanding Register
- Smart India Hackathone---Creating Website(Ministry of Education)
- Smart India Hackathone---Website is Applied for Pattennt

Skills & Interest




- **Languages:** C, C++, Python, Java, Html, SQL
- **Developer Tools:** Visual Studio Code, Spyder, Google Collab, MATLAB
- **Area of Interest:** Full stack Developer, Web Development(Front-end), Cyber Security, Python With turtle Animation



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- Help student to solve them doubts
- Associate to some student for teaching

Project

- Hardware Project in Analog Circuit Design---Light Depanding Register
- Smart India Hackathone---Creating Website(Ministry of Education)
- Smart India Hackathone---Website is Apllied for Patent

Skills & Interest

- **Languages:** C, C++, Python, Java, Html, SQL
- **Developer Tools:** Visual Studio Code, Spyder, Google Collab, MATLAB
- **Area of Interest:** Full stack Developer, Web Development(Front-end), Cyber Security, Python With turtle Animation
- **Soft Skills:** Public Speaking, Critical Thinking, Event Management, Social Media Management
- **Course Work:** C, C++, Python, Object Oriented Programming, Data Structures, DBMS, OperatingSystems, Information Security, Probability and statics for data science

Experience

- Leetcode Everyday Problem Solve
- **Leetcode Profile:** [Mihir Makwana](#)
- **Mostly Work:** C,C++, JAVA, PYTHON, HTML

Hobbies

- Cricket
- Chess
- Rubix Cube

2. Time Table

Code:

Timetable.html

```
<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-
scale=1.0">

    <link rel="stylesheet" href="Timetable.css">

    <title>Time Table</title>

</head>

<div class="topnav">

    <a1 class="active"><b>Time Table</b></a1>

    <a class="active" href="Timetable.html"><b>Home</b></a>

</div>
```

```
<body>

<div>

  <h1>ICT Division 4(6)</h1>

  <table style="width:100%">

    <tr>

      <td><b>Day/Time</b></td>

      <td><b>09:00-09:55</b></td>

      <td><b>10:00-10:55</b></td>

      <td><b>10:55-11:10</b></td>

      <td><b>11:10-12:05</b></td>

      <td><b>12:10-13:05</b></td>

      <td><b>13:10-14:05</b></td>

      <td><b>14:10-15:05</b></td>

      <td><b>15:10-16:05</b></td>

      <td><b>16:05-16:15</b></td>

      <td><b>16:15-17:10</b></td>

      <td><b>17:15-18:10</b></td>

    </tr>

    <tr>

      <td><b>Monday</b></td>

      <td colspan="2">H7 (23IC301P) E112-113, SHIP-  
P<br>H8 (23IC301P) E112-113, PWS-P</td>

      <td rowspan="5"><b>S<br>H<br>O<br>R<br>T<br>  
<br>B<br>R<br>E<br>A<br>K</b></td>

      <td colspan="2">H7H8 (20HS301P) C007, RAVA-P</td>

      <td rowspan="5"><b>L<br>U<br>N<br>C<br>H<br>  
<br>B<br>R<br>E<br>A<br>K</b></td>
```

```
<td colspan="2">H7 (20IC316P) F-503,MSK-P<br>H8 (20IC316P) F-
503,MORO-P</td>

<td rowspan="5"><b>S<br>H<br>O<br>R<br>T<br>
<br>B<br>R<br>E<br>A<br>K</b></td>

<td rowspan="2" colspan="2">Slots For Open Electives</td>

</tr>

<tr>

<td><b>Tuesday</b></td>

<td colspan="2">H8 (20IC304P) F-204,MAMA-P<br>H7 (20IC305P) E212-
1,SOPA-P</td>

<td colspan="2">H7H8 (20IC313P) E212-1,JRS-P</td>

<td>H7H8 (20IC304T) <br>F-504,GUTH-L</td>

<td>H7H8 (20IC305T) <br>F-504,SOPA-L</td>

</tr>

<tr>

<td><b>Wednesday</b></td>

<td>H7H8 (23IC301T) <br>E-203,SHIV-L</td>

<td>H7H8 (20IC304T) <br>F-504,GUTH-L</td>

<td>H7H8 (20IC313T) <br>E-201,JRS-L</td>

<td>H7H8 (20IC306T) <br>E-105,PRAB-L</td>

<td colspan="2">H7 (20IC306P) E112-113,NSR-
P<br>H8 (20IC306P) E112-113,PRAB-P</td>

<td>H7H8 (22CDC006) <br>E-201,CDCT-L</td>

<td>H7H8 (20IC316T) <br>F-503,MSK-L</td>

</tr>

<tr>

<td><b>Thursday</b></td>

<td>H7H8 (20IC304T) <br>E-203,GUTH-L</td>
```

Mihir Makwana
Roll No:21BIT247

```
<td>LIBRARY</td>

<td>H7H8 (20IC313T) <br>E-201, JRS-L</td>

<td>H7H8 (20IC306T) <br>E-104, PRAB-L</td>

<td>H7H8 (20IC316T) <br>F-504, MSK-L</td>

<td>H7H8 (20IC305T) <br>F-504, SOPA-L</td>

<td colspan="2">H8 (20IC305P) E212-1, SOPA-P<br>H7 (20IC304P) F-
204, MAMA-P</td>

</tr>

<tr>

<td><b>Friday</b></td>

<td>H7H8 (23IC301T) <br>E-203, SHIV-L</td>

<td>H7H8 (20IC305T) <br>F-503, SOPA-L</td>

<td>H7H8 (22CDC006) <br>E-202, CDCT-L</td>

<td>CLUB ACTIVITY</td>

<td>H7H8 (20IC306T) <br>F-504, PRAB-L</td>

</tr>

</table>

</div>

</body>

</html>
```

Timetable.css

```
body {

    background: #9FBF35;

}
```

```
div {

    position: relative;

    animation: mymove 3s;

    animation-fill-mode: forwards;

}


@keyframes mymove {

    from {

        bottom: -600px;

    }

    to {

        bottom: 0px;

    }

}


h1 {

    text-align: center;

    color: crimson;

}


table,

th,

td {

    border: 1px solid rgb(41, 28, 225);

    color: #000000;

    text-align: center;
```

```
}

/* Add a black background color to the top navigation */

.topnav {

    background-color: #9FBF35;

    overflow: hidden;

}

/* Style the links inside the navigation bar */

.topnav a1 {

    float: left;

    color: #000000;

    text-align: center;

    padding: 14px 16px;

    text-decoration: none;

    font-size: 25px;

}

.topnav a {

    float: right;

    color: #000000;

    text-align: center;

    padding: 14px 16px;

    text-decoration: none;

    font-size: 25px;

}

c
```

```
/* Change the color of links on hover */

.topnav a:hover {

    background-color: #FDEBD0;

    color: black;

}

/* Add a color to the active/current link */

.topnav a.active {

    background-color: #9FBF35;

    color: black;

}
```

Output:

Time Table											Home
ICT Division 4(6)											
Day/Time	09:00-09:55	10:00-10:55	10:55-11:10	11:10-12:05	12:10-13:05	13:10-14:05	14:10-15:05	15:10-16:05	16:05-16:15	16:15-17:10	17:15-18:10
Monday	H7(23IC301P)E112-113,SHIP-P H8(23IC301P)E112-113,PWS-P		S H O R T	H7H8(20HS301P)C007,RAVA-P		L U N C H	H7(20IC316P)F-503,MSK-P H8(20IC316P)F-503,MORO-P		S H O R T	Slots For Open Electives	
Tuesday	H8(20IC304P)F-204,MAMA-P H7(20IC305P)E212-1,SOPA-P			H7H8(20IC313P)E212-1,JRS-P			H7H8(20IC304T) F-504,GUTH-L H7H8(20IC305T) F-504,SOPA-L				
Wednesday	H7H8(23IC301T) E-203,SHIV-L	H7H8(20IC304T) F-504,GUTH-L		H7H8(20IC313T) E-201,JRS-L H7H8(20IC306T) E-105,PRAB-L		B R E A K	H7(20IC306P)E112-113,NSR-P H8(20IC306P)E112-113,PRAB-P		B R E A K	H7H8(22CDC006) E-201,CDCT-L	H7H8(20IC316T) F-503,MSK-L
Thursday	H7H8(20IC304T) E-203,GUTH-L	LIBRARY		H7H8(20IC313T) E-201,JRS-L H7H8(20IC306T) E-104,PRAB-L			H7H8(20IC316T) F-504,MSK-L H7H8(20IC305T) F-504,SOPA-L			H8(20IC305P)E212-1,SOPA-P H7(20IC304P)F-204,MAMA-P	
Friday	H7H8(23IC301T) E-203,SHIV-L	H7H8(20IC305T) F-503,SOPA-L		H7H8(22CDC006) E-202,CDCT-L	CLUB ACTIVITY		H7H8(20IC306T) F-504,PRAB-L				

Practical-5

Aim- To create user Student feedback form (use textbox, text area, checkbox, radio button, select box etc.)

1. To implement Validation in above Feedback Form.
2. To use regular expression for validation in Feedback Form.

Code:

1. Form

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-
scale=1.0">

    <title>Faculty Feedback Form</title>

    <link
href="https://cdn.jsdelivrivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.
min.css" rel="stylesheet"

    integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous" />

    <style>

        body {

            background-color: #f0f0f0;

            color: white;

        }

        .bold {
```



```
        font-weight: 500;

    }

    form {

        max-width: 600px;

        margin: auto;

        background-color: #528aae;

        padding: 20px;

        border-radius: 15px;

        margin-top: 50px;

    }

    h2 {

        color: #ffffff;

    }

    label {

        display: inline -block;

        margin-right: 8px;

        color: #ffffff;

    }

    input,

    textarea {

        width: 100%;

        margin-bottom: 16px;

        box-sizing: border -box;
```

```
        border: 1px solid #af9898;  
  
        border-radius: 4px;  
  
    }
```

```
button {  
  
    background-color: #Bcd2e8;  
  
    color: rgb(107, 88, 88);  
  
    padding: 10px 15px;  
  
    border: none;  
  
    border-radius: 5px;  
  
    cursor: pointer;  
  
}
```

```
button:hover {  
  
    background-color: #BC8F8F;  
  
    color: #fff8f8  
  
}
```

```
.rating -container {  
  
    display: flex;  
  
    margin-bottom: 16px;  
  
}
```

```
.rating -container input {  
  
    margin-right: 8px;  
  
}
```

```
.rating -container label {  
  
    color: #fff8f8;  
  
}  
  
#new {  
  
    color: white;  
  
}  
  
.form -check -input {  
  
    margin-left: 1.75rem;  
  
}  
  
</style>  
  
</head>  
  
<body>  
  
    <div class="container" style="display: flex; justify-content:  
center;">  
  
        <form class="needs-validation">  
  
            <h2>Faculty Feedback Form</h2>  
  
            <div class="mb-3">  
  
                <label for="validationCustom03" class="form-label  
form-validation-state  
  
bold">Student Name :</label>  
  
                <input type="text" class="form-control"  
id="validationCustom03" placeholder="Enter the student's name"  
  
                spellcheck="false" autocomplete="off" required>  
  
                <div class="invalid-feedback">Please enter the  
student's name.</div>
```

```
</div>

<div class="mb-3">

    <label for="validationCustom03" class="form-label
form-validation-state

    bold">Roll no :</label>

    <input type="text" class="form-control"
id="validationCustom03"

        placeholder="Enter the student's roll no"
spellcheck="false" autocomplete="off" required>

    <div class="invalid-feedback">Please enter the
student's roll no.</div>

</div>

<div class="mb-3">

    <label for="validationCustom03" class="form-label
form-validation-state

    bold">Faculty Name :</label>

    <input type="text" class="form-control"
id="validationCustom03" placeholder="Enter the faculty's name"

        spellcheck="false" autocomplete="off" required>

    <div class="invalid-feedback">Please enter the
faculty's name.</div>

</div>

<div class="mb-3">

    <label for="validationCustom03" class="form-label
form-validation-state

    bold">Subject Name :</label>

    <input type="text" class="form-control"
id="validationCustom03" placeholder="Enter the subject's name"

        spellcheck="false" autocomplete="off" required>

    <div class="invalid-feedback">Please enter the
```

```
subject's name.</div>

</div>

<label for="subject" class="form-label
bold">Rating</label>

<div>

    <div class="form-check form-check-inline">

        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio1"

        value="option1">

        <label class="form-check-label"
for="inlineRadio1">1</label>

    </div>

    <div class="form-check form-check-inline">

        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio2"

        value="option2">

        <label class="form-check-label"
for="inlineRadio2">2</label>

    </div>

    <div class="form-check form-check-inline">

        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio2"

        value="option2">

        <label class="form-check-label"
for="inlineRadio2">3</label>

    </div>

    <div class="form-check form-check-inline">

        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio2"

        value="option2">
```

```
        <label class="form-check-label"
for="inlineRadio2">4</label>

    </div>

    <div class="form-check form-check-inline">

        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio2"

            value="option2">

        <label class="form-check-label"
for="inlineRadio2">5</label>

    </div>

</div>

<div class="mb-3" style="margin-top: 8px;">

    <label for="exampleFormControlTextarea1" class="form-
label
    bold">Suggestions</label>

    <textarea class="form-control"
id="exampleFormControlTextarea1" rows="2" spellcheck="false"

        required></textarea>

    <div class="invalid-feedback">Please provide your
suggestions.</div>

</div>

<div class="mb-3 form-check">

    <input type="checkbox" class="form-check-input"
id="exampleCheck1">

    <label class="form-check-label"
for="exampleCheck1">Send responses to

        email</label>

</div>

<button type="submit" class="button">Submit</button>

<button type="button" class="button">Reset</button>
```

Mihir Makwana
Roll No:21BIT247

```
        </form>

    </div>

</body>

</html>
```

Output:

The image displays two screenshots of a web form titled "Faculty Feedback Form".

Top Screenshot: The form contains the following fields and elements:

- Student Name :** Input field with the value "Mihir".
- Roll no :** Input field with the value "21BIT247".
- Faculty Name :** Input field with the placeholder text "Enter the faculty's name".
- Subject Name :** Input field with the placeholder text "Enter the subject's name". A red error message box is visible over this field, stating "Please fill out this field.".
- Rating :** A row of five radio buttons labeled 1, 2, 3, 4, and 5.
- Suggestions :** A label for a text area, which is partially visible at the bottom.

Bottom Screenshot: This screenshot shows the same form, but with the error message hidden. The visible fields and elements are:

- Roll no :** Input field with the value "21BIT247".
- Faculty Name :** Input field with the placeholder text "Enter the faculty's name".
- Subject Name :** Input field with the placeholder text "Enter the subject's name".
- Rating :** A row of five radio buttons labeled 1, 2, 3, 4, and 5.
- Suggestions :** A full text area for providing feedback.
- Send responses to email :** A checkbox that is currently unchecked.
- Buttons:** "Submit" and "Reset" buttons at the bottom.

2. To use regular expression for validation in Feedback Form.

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-
scale=1.0">

    <title>Faculty Feedback Form</title>

    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.
min.css" rel="stylesheet" integrity="sha384-
T3c6CoIi6uLrA9TneNEoa7RxnatzjcDSCmG1MXxSR1GAsXEV/Dwwykc2MPK8M2HN"
crossorigin="anonymous" />

    <style>

        body {

            background-color: #f0f0f0;

            color: white;

        }

        .bold {

            font-weight: 500;

        }

        form {

            max-width: 600px;

            margin: auto;

            background-color: #528aae;
```



```
padding: 20px;

border-radius: 15px;

margin-top: 50px;

}


h2 {

    color: #ffffff;

}


label {

    display: inline-block;

    margin-right: 8px;

    color: #ffffff;

}


input,

textarea {

    width: 100%;

    margin-bottom: 16px;

    box-sizing: border-box;

    border: 1px solid #af9898;

    border-radius: 4px;

}


button {

    background-color: #Bcd2e8;

    color: rgb(107, 88, 88);
```

```
padding: 10px 15px;

border: none;

border-radius: 5px;

cursor: pointer;

}


button:hover {

background-color: #BC8F8F;

color: #fff8f8

}


.rating-container {

display: flex;

margin-bottom: 16px;

}


.rating-container input {

margin-right: 8px;

}


.rating-container label {

color: #fff8f8;

}


#new {

color: white;

}
```

```
.form-check-input {  
    margin-left: 1.75rem;  
}  
  
</style>  
  
</head>  
  
<body>  
  
    <div class="container" style="display: flex; justify-content:  
center;">  
  
        <form class="needs-validation">  
  
            <h2>Faculty Feedback Form</h2>  
  
            <div class="mb-3">  
  
                <label for="validationCustom03" class="form-label  
form-validation-state  
bold">Student Name :</label>  
  
                <input type="text" class="form-control"  
id="validationCustom03" placeholder="Enter the student's name"  
  
                spellcheck="false" autocomplete="off" required>  
  
                <div class="invalid-feedback">Please enter the  
student's name.</div>  
  
            </div>  
  
            <div class="mb-3">  
  
                <label for="validationCustom03" class="form-label  
form-validation-state  
bold">Roll no :</label>  
  
                <input type="text" class="form-control"  
id="validationCustom03"  
  
                placeholder="Enter the student's roll no"
```

```
spellcheck="false" autocomplete="off"

        pattern="[0-9]{2}[A-Z]{3}[0-9]{3}" required>

        <div class="invalid-feedback">Please enter the
student's roll no.</div>

    </div>

    <div class="mb-3">

        <label for="exampleFormControlInput1" class="form-
label">Email

        address</label>

        <input type="email" class="form-control"
id="exampleFormControlInput1" placeholder="name@sot.pdpu.ac.in"

        pattern="[a-z]\.[a-z]{4}+[0-
9]{2}+@+(sot|sls|spt|spm).pdpu.ac.in" required>

    </div>

    <div class="mb-3">

        <label for="validationCustom03" class="form-label
form-validation-state

        bold">Faculty Name :</label>

        <input type="text" class="form-control"
id="validationCustom03" placeholder="Enter the faculty's name"

        spellcheck="false" autocomplete="off" required>

        <div class="invalid-feedback">Please enter the
faculty's name.</div>

    </div>

    <label for="subject" class="form-label
bold">Rating</label>

    <div>

        <div class="form-check form-check-inline">

            <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio1">
```

```
        value="option1">

        <label class="form-check-label"
for="inlineRadio1">1</label>

    </div>

    <div class="form-check form-check-inline">

        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio2"

        value="option2">

        <label class="form-check-label"
for="inlineRadio2">2</label>

    </div>

    <div class="form-check form-check-inline">

        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio2"

        value="option2">

        <label class="form-check-label"
for="inlineRadio2">3</label>

    </div>

    <div class="form-check form-check-inline">

        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio2"

        value="option2">

        <label class="form-check-label"
for="inlineRadio2">4</label>

    </div>

    <div class="form-check form-check-inline">

        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="inlineRadio2"

        value="option2">

        <label class="form-check-label"
```

```
for="inlineRadio2">5</label>

</div>

</div>

<div class="mb-3" style="margin-top: 8px;">

  <label for="exampleFormControlTextarea1" class="form-
label
bold">Suggestions</label>

  <textarea class="form-control"
id="exampleFormControlTextarea1" rows="2" spellcheck="false"

  required></textarea>

  <div class="invalid-feedback">Please provide your
suggestions.</div>

</div>

<div class="mb-3 form-check">

  <input type="checkbox" class="form-check-input"
id="exampleCheck1">

  <label class="form-check-label"
for="exampleCheck1">Send responses to

  email</label>

</div>

<button type="submit" class="button">Submit</button>

<button type="button" class="button">Reset</button>

</form>

</div>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper
r.min.js"

  integrity="sha384-
I7E8VVD/ismYTF4hNIPjVp/Zjvgyol6VFvRkX/vR+Vc4jQkC+hVqc2pM8ODewa9r"

  crossorigin="anonymous"></script>
```

Mihir Makwana
Roll No:21BIT247

```
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.mi
n.js" integrity="sha384-

BBtl+eGJRgqQAUMxJ7pMwbEyER411g+O15P+16Ep7Q9Q+zqX6gSbd85u4mG4QzX+"
crossorigin="anonymous"></script>

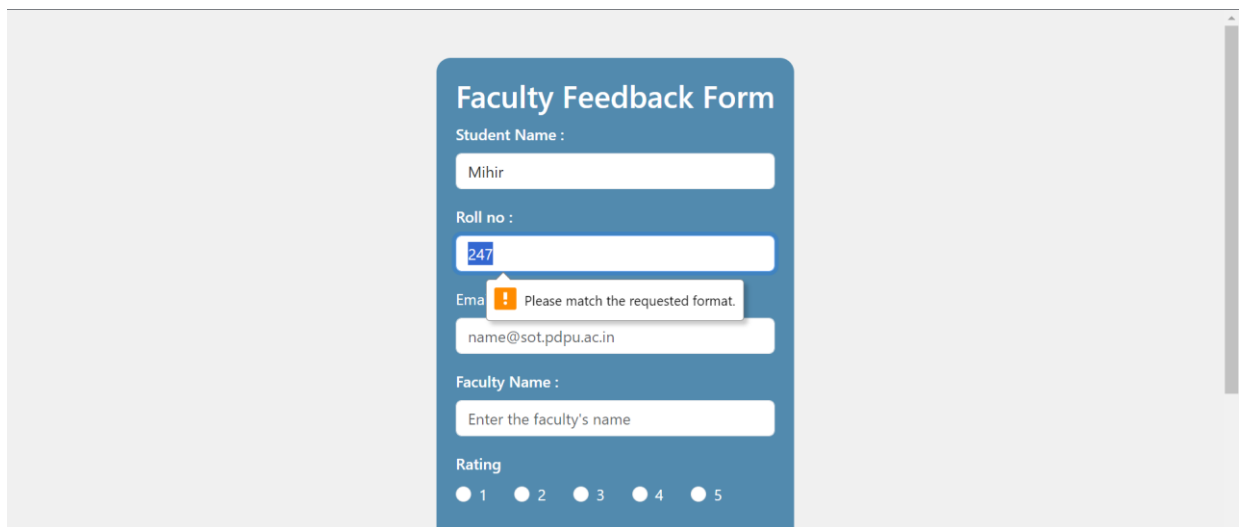
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bu
ndle.min.js" integrity="sha384-

C6RzsynM9kWDrmNeT87bh95OGNyZPhcTNXj1NW7RuBCsyN/o0jlpcV8Qyq46cDfL"
crossorigin="anonymous"></script>

</body>

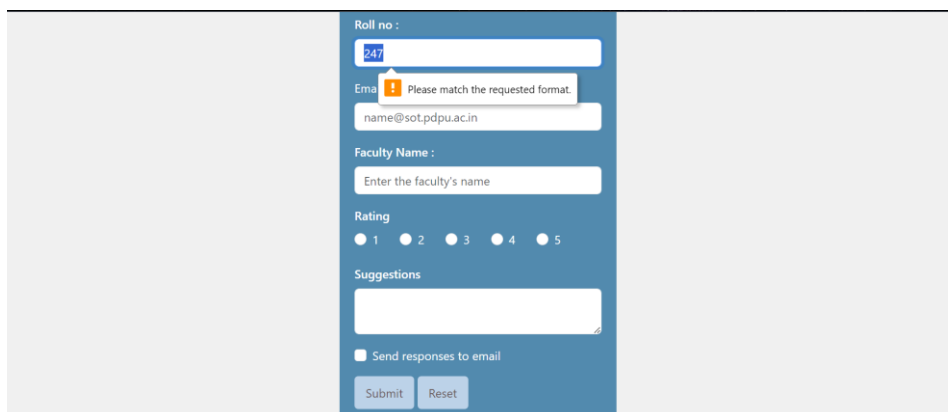
</html>
```

Output:



The screenshot shows a 'Faculty Feedback Form' with the following fields and values:

- Student Name : Mihir
- Roll no : 247
- Email : name@sot.pdpu.ac.in (with a warning message: "Please match the requested format.")
- Faculty Name : Enter the faculty's name
- Rating : 1 2 3 4 5 (radio buttons)



The screenshot shows the bottom section of the 'Faculty Feedback Form' with the following fields and elements:

- Suggestions : (text area)
- Send responses to email : ☐
- Submit and Reset buttons

Practical-6

Aim- Install and configure Visual Studio Code as an IDE, setup an environment for React by downloading Node.js and installing React framework along with its packages. Understand the folder structure used by React and develop a “Hello World Application”.

Download:

```
Microsoft Windows [Version 10.0.22631.3447]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Mihir Makwana>node -v
v20.11.1

C:\Users\Mihir Makwana>|
```

Setting node js:

```
C:\Users\Mihir Makwana>npm install react-g
added 7 packages in 4s

1 package is looking for funding
  run `npm fund` for details
npm notice
npm notice New minor version of npm available! 10.2.4 -> 10.5.2
npm notice Changelog: https://github.com/npm/cli/releases/tag/v10.5.2
npm notice Run npm install -g npm@10.5.2 to update!
npm notice

C:\Users\Mihir Makwana>|
```



```
C:\Users\Mihir Makwana>npx create-react-app hello

Creating a new React app in C:\Users\Mihir Makwana\hello.

Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...

added 1494 packages in 2m

258 packages are looking for funding
  run `npm fund` for details

Installing template dependencies using npm...

added 67 packages, and changed 1 package in 10s

262 packages are looking for funding
  run `npm fund` for details
Removing template package using npm...

removed 1 package, and audited 1561 packages in 3s

262 packages are looking for funding
  run `npm fund` for details

8 vulnerabilities (2 moderate, 6 high)

To address all issues (including breaking changes), run:
  npm audit fix --force
```

```
8 vulnerabilities (2 moderate, 6 high)

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

Success! Created hello at C:\Users\Mihir Makwana\hello
Inside that directory, you can run several commands:

  npm start
    Starts the development server.

  npm run build
    Bundles the app into static files for production.

  npm test
    Starts the test runner.

  npm run eject
    Removes this tool and copies build dependencies, configuration files
    and scripts into the app directory. If you do this, you can't go back!

We suggest that you begin by typing:

  cd hello
  npm start

Happy hacking!

C:\Users\Mihir Makwana>
```

Mihir Makwana
Roll No:21BIT247

Code:

```
import logo from './logo.svg';

import './App.css';

function App() {

  return (

    <div>

      Hello World

    </div>

  );

}

export default App;
```

Output:



Practical-7

Aim- Implement React Routing for navigating 5 different webpages. Design a responsive navbar in ReactJS by using media queries, Material-UI/React-Bootstrap.

Code:

App.js

```
import { Route, Routes } from "react-router-dom";

import "./App.css";

import { About } from "../Components/About/About";

import { Home } from "../Components/Home/Home";

import { Profile } from "../Components/Profile/Profile";

import { Navbar } from "../Components/Navbar/Navbar";

function App() {

  return (

    <div className="App">

      <Navbar />

      <Routes>

        <Route path="/" element={<Home />} />

        <Route path="/About" element={<About />} />

        <Route path="/Profile" element={<Profile />} />

      </Routes>

    </div>

  );

}

export default App;
```

Mihir Makwana
Roll No:21BIT247

Navbar.js:

```
import React from 'react'

import { Link } from 'react-router-dom'

export const Navbar = () => {

  return (

    <div>

      <nav class="navbar navbar-expand-lg bg-body-tertiary">

        <div class="container-fluid">

          <Link class="navbar-brand" to="/">Navbar</Link>

          <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
data-bstarget="#navbarSupportedContent" aria-
controls="navbarSupportedContent" ariaexpanded="false" aria-label="Toggle
navigation">

            <span class="navbar-toggler-icon"></span>

          </button>

          <div class="collapse navbar-collapse" id="navbarSupportedContent">

            <ul class="navbar-nav me-auto mb-2 mb-lg-0">

              <li class="nav-item">

                <Link to="/" class="nav-link active" aria-current="page"
href="#">Home</Link>

              </li>

              <li class="nav-item">

                <Link to="/about" class="nav-link">About</Link>

              </li>

              <li class="nav-item">

                <Link to="/profile" class="nav-link" href="#">Profile</Link>

              </li>

            </ul>

          </div>

        </div>

      </nav>

    </div>

  )
}
```

Mihir Makwana
Roll No:21BIT247

```
    </div>

    </div>

  </nav>

</div>

)

}
```

Home.js:

```
import React from "react";

export const Home = () => {

  return <div>Home</div>;

};
```

About.js

```
import React from "react";

export const About = () => {

  return <div>About</div>;

};
```

Profile.js

```
import React from "react";

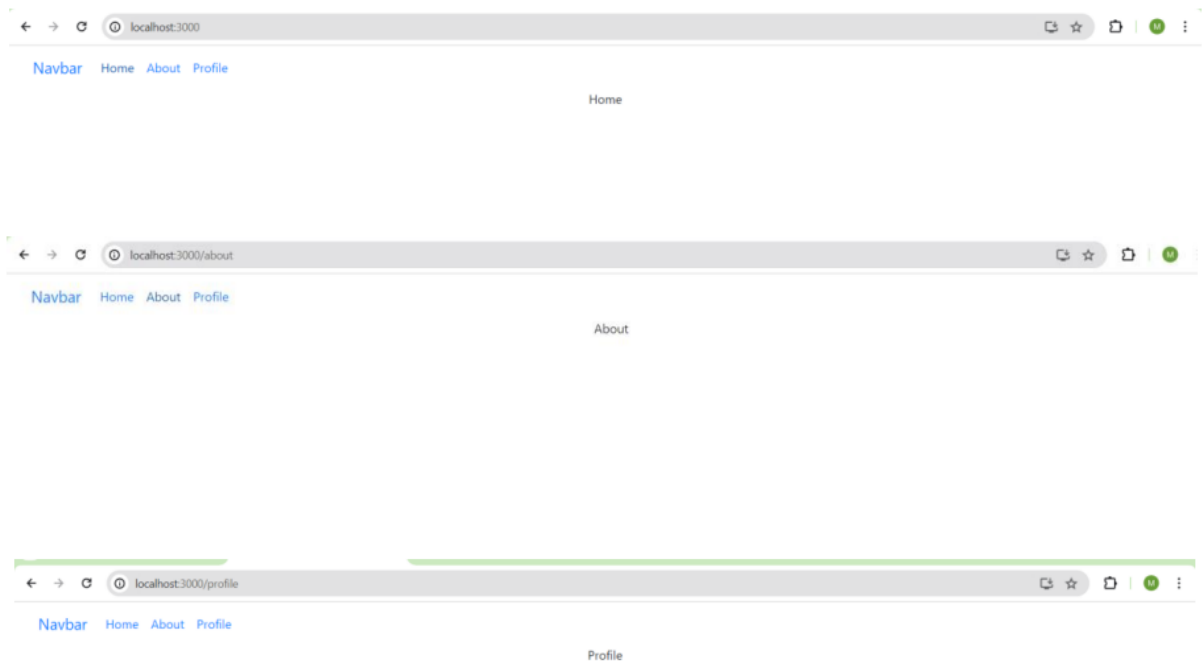
export const Profile = () => {

  return <div>Profile</div>;

};
```

Mihir Makwana
Roll No:21BIT247

Output:



Practical-8

Aim- Create React Sidebar Navigation Menu for a webpage. Implement the concept of React Hooks for backward compatibility and faster user experience.

App.js

```
import React from "react";
import { BrowserRouter as Router, Route, Switch } from 'react-router-dom';
import Navbar from "./components/Navbar";
import Home from "./pages/home";
import Reports from "./pages/report";
import Products from "./pages/product";
import "./App.css"

function App() {
  return (
    <div>
      <Router>
        <Navbar />
        <Routes>
          <Route path="/" element={<Home />} />
          <Route path="/reports" element={<Reports />} />
          <Route path="/products" element={<Products />} />
        </Routes>
      </Router>
    </div>
  );
}

export default App;
```

App.css

```
.App {
  text-align: center;
}

.App-logo {
  height: 40vmin;
  pointer-events: none;
}

@media (prefers-reduced-motion: no-preference) {
  .App-logo {
    animation: App-logo-spin infinite 20s linear;
  }
}
```

```
.App-header {  
  background-color: #282c34;  
  min-height: 100vh;  
  display: flex;  
  flex-direction: column;  
  align-items: center;  
  justify-content: center;  
  font-size: calc(10px + 2vmin);  
  color: white;  
}  
.App-link {  
  color: #61dafb;  
}  
@keyframes App-logo-spin {  
  from {  
    transform: rotate(0deg);  
  }  
  to {  
    transform: rotate(360deg);  
  }  
}
```

Components/sidebar .js

```
import React from "react";  
import * as Falcons from "react-icons/fa";  
import * as AiIcons from "react-icons/ai";  
import * as IoIcons from "react-icons/io";  
export const SidebarData = [  
  {  
    title: "Home",  
    path: "/",  
    icon: <AiIcons.AiFillHome />,  
    cName: "nav-text",  
  },  
  {  
    title: "Reports",  
    path: "/reports",  
    icon: <IoIcons.IoIosPaper />,  
    cName: "nav-text",  
  },  
  {  
    title: "Products",  
    path: "/products",  
    icon: <Falcons.FaCartPlus />,  
    cName: "nav-text",  
  },  
  {  
    title: "Team",  
    path: "/team",
```



```
    icon: <IoIcons.IoMdPeople />,
    cName: "nav-text",
  },
  {
    title: "Messages",
    path: "/messages",
    icon: <FaIcons.FaEnvelopeOpenText />,
    cName: "nav-text",
  },
];
```

components/Navbar.js

```
import React, { useState } from "react";
import * as Falcons from "react-icons/fa";
import * as Ailcons from "react-icons/ai";
import { Link } from "react-router-dom";
import { SidebarData } from "../SidebarData.js";
import "../Nav.css";
import { IconContext } from "react-icons";

function Navbar() {
  const [sidebar, setSidebar] = useState(false);
  const showSidebar = () => setSidebar(!sidebar);
  return (
    <div>
      <IconContext.Provider value={{ color: "#fff" }}>
        <div className="navbar">
          <Link to="#" className="menu-bars">
            <FaIcons.FaBars onClick={showSidebar} />
          </Link>
          <span class="rollnumber">21BIT005 : React Sidebar</span>
        </div>
        <nav className={sidebar ? "nav-menu active" : "nav-menu"}>
          <ul className="nav-menu-items" onClick={showSidebar}>
            <li className="navbar-toggle">
              <Link to="#" className="menu-bars">
                <Ailcons.AiOutlineClose />
              </Link>
            </li>
            {SidebarData.map((item, index) => {
              return (
                <li key={index} className={item.cName}>
                  <Link to={item.path}>
                    {item.icon}
                  <span>{item.title}</span>
                </Link>
              )
            })}
          </ul>
        </nav>
      </IconContext.Provider>
    </div>
  );
}
```

```
    );  
  })  
</ul>  
</nav>  
</IconContext.Provider>  
</>  
)  
}  
export default Navbar;
```

components/Nav.css

```
.navbar {  
  background-color: #060b26;  
  height: 80px;  
  display: flex;  
  justify-content: start;  
  align-items: center;  
}  
.menu-bars {  
  margin-left: 2rem;  
  font-size: 2rem;  
  background: none;  
}  
.nav-menu {  
  background-color: #060b26;  
  width: 250px;  
  height: 100vh;  
  display: flex;  
  justify-content: center;  
  position: fixed;  
  top: 0;  
  left: -100%;  
  transition: 850ms;  
}  
.nav-menu.active {  
  left: 0;  
  transition: 350ms;  
}  
.nav-text {  
  display: flex;  
  justify-content: start;  
  align-items: center;  
  padding: 8px 0px 8px 16px;  
  list-style: none;
```

```
height: 60px;
}

.nav-text a {
  text-decoration: none;
  color: #f5f5f5;
  font-size: 18px;
  width: 95%;
  height: 100%;
  display: flex;
  align-items: center;
  padding: 0 16px;
  border-radius: 4px;
}

.nav-text a:hover {
  background-color: #1a83ff;
}

.nav-menu-items {
  width: 100%;
}

.navbar-toggle {
  background-color: #060b26;
  width: 100%;
  height: 80px;
  display: flex;
  justify-content: start;
  align-items: center;
}

span {
  margin-left: 16px;
}

.rollnumber{
  padding-left: 450px;
  color: white;
  font-weight: bold;
  font-size: x-large;
}
```

Page/Home .js

```
import React from "react";

const Home = () => {
  return (
    <div style={{ textAlign: 'center' }}>
      <h1>This is the Home page 🏠</h1>
    </div>
  )
}
```

```
);  
};  
  
export default Home;
```

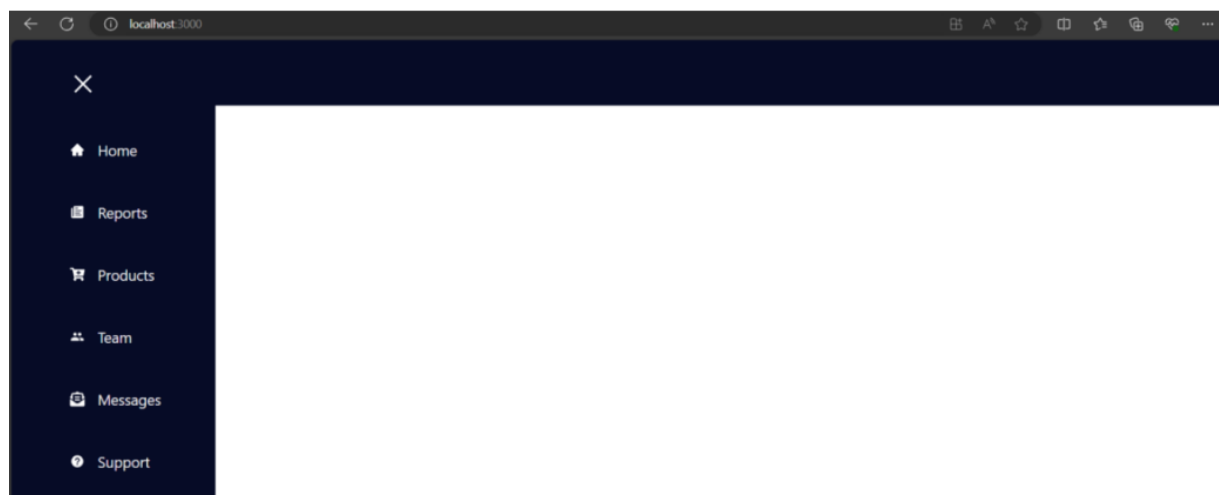
Pages/product.js

```
import React from "react";  
const Products = () => {  
  return (  
    <div style={{ textAlign: 'center' }}>  
      <h1>This is the Products page 📦</h1>  
    </div>  
  );  
};  
  
export default Products;
```

Pages/report.js

```
import React from "react";  
const Reports = () => {  
  return (  
    <div style={{ textAlign: 'center' }}>  
      <h1>This is the Reports page 📄</h1>  
    </div>  
  );  
};  
  
export default Reports;
```

Output:



Practical-9

Aim- Create simple cards using Material UI and React. Use animations to make it more attractive.

Components/card.js

```
import React, { useState, useRef } from "react";
import "../Card.css";
export default function Card() {
  const [xRotation, setXRotation] = useState(0);
  const [yRotation, setYRotation] = useState(0);
  const cardRef = useRef(null);
  const imgRef = useRef(null);
  const titleRef = useRef(null);
  const descRef = useRef(null);
  const sizesboxRef = useRef(null);
  const purchaseRef = useRef(null);
  function handleMouseMove(event) {
    const card = cardRef.current;
    const { offsetWidth: width, offsetHeight: height } = card;
    const { clientX, clientY } = event;
    const x = clientX - card.offsetLeft - width / 2;
    const y = clientY - card.offsetTop - height / 2;
    var mult = 40;
    setXRotation((y / height) * mult);
    setYRotation((x / width) * mult);
  }
  function handleMouseEnter() {
    const img = imgRef.current;
    const title = titleRef.current;
    const sizesBox = sizesboxRef.current;
    const purchase = purchaseRef.current;
    const desc = descRef.current;
    title.style.transform = "translateZ(150px)";
    img.style.transform = "translateZ(100px) rotateZ(-45deg)";
    sizesBox.style.transform = "translateZ(100px)";
    purchase.style.transform = "translateZ(75px)";
    desc.style.transform = "translateZ(75px)";
  }
  function handleMouseLeave() {
    setXRotation(0);
    setYRotation(0);
    const img = imgRef.current;
    const title = titleRef.current;
    const sizesBox = sizesboxRef.current;
    const purchase = purchaseRef.current;
    title.style.transform = "translateZ(0px)";
    img.style.transform = "translateZ(0px) rotateZ(0deg)";
  }
}
```

```
sizesBox.style.transform = "translateZ(0px)";
purchase.style.transform = "translateZ(0px)";
}
return (

<div
  className="card"
  ref={cardRef}
  style={{
    transform: `rotateX(${xRotation}deg) rotateY(${yRotation}deg)`,
  }}
  onMouseMove={handleMouseMove}
  onMouseEnter={handleMouseEnter}
  onMouseLeave={handleMouseLeave}
>
  <img
    ref={imgRef}
    src={require("../Shoe-img/Nike-Shoe.png")}
    alt="Nike-Shoe"
    className="sneaker-img"
  />
  <h1 className="title" ref={titleRef}>
    Nike Dunk High
  </h1>
  <p ref={descRef}>
    Nike Dunk High is a high-top version of the classic Nike Dunk sneaker,
    featuring a padded collar for added support and comfort.
  </p>
  <ul className="sizes-box" ref={sizesboxRef}>
    <li>38</li>
    <li>40</li>
    <li>42</li>
    <li>44</li>
  </ul>
  <div className="button-box" ref={purchaseRef}>
    <button className="purchase" >
      Purchase
    </button>
  </div>
</div>
);
}
```

Components/card.css

```
.container {  
  position: relative;  
  width: 100%;  
  height: 100vh;  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  background: rgb(75, 53, 118);  
  background: linear-gradient(219deg,  
    rgba(75, 53, 118, 1) 33%,  
    rgba(248, 177, 60, 1) 100%);  
  font-family: "Roboto", sans-serif;  
  gap: 50px;  
}  
  
.card {  
  transform-style: preserve-3d;  
  position: relative;  
  padding: 25px;  
  width: 350px;  
  height: 500px;  
  border-radius: 20px;  
  box-shadow: rgba(0, 0, 0, 0.35) 0px 5px 15px;  
  display: flex;  
  align-items: center;  
  flex-direction: column;  
  justify-content: space-around;  
  background: linear-gradient(25deg,  
    rgb(169, 53, 130) 0%,  
    rgb(138, 227, 236) 86%);  
  transition: all 0.1s ease;  
}  
  
.sneaker-img {  
  position: relative;  
  width: 90%;  
  transition: all 0.5s ease;  
}  
  
.title,  
.card p {  
  width: 100%;  
  color: rgb(220, 220, 220);  
}  
  
.sizes-box {  
  width: 100%;
```

```
display: flex;
align-items: center;
justify-content: space-evenly;
gap: 10px;
}

.sizes-box li {
list-style: none;
cursor: pointer;
font-weight: bold;
border-radius: 30px;
padding: 0.5rem 1.5rem;
background-color: rgb(220, 220, 220);
box-shadow: rgba(0, 0, 0, 0.25) 0px 54px 55px,
  rgba(0, 0, 0, 0.12) 0px -12px 30px, rgba(0, 0, 0, 0.12) 0px 4px 6px,
  rgba(0, 0, 0, 0.17) 0px 12px 13px, rgba(0, 0, 0, 0.09) 0px -3px 5px;
}

.sizes-box li:hover {
background-color: rgb(134, 134, 134);
}

.button-box {
width: 100%;
}

.purchase {
cursor: pointer;
width: 100%;
border-radius: 30px;
padding: 0.8rem 1.5rem;
font-weight: bold;
border: none;
font-size: 1rem;
letter-spacing: 1px;
background-color: rgba(248, 177, 60, 1);
box-shadow: rgba(0, 0, 0, 0.25) 0px 54px 55px,
  rgba(0, 0, 0, 0.12) 0px -12px 30px, rgba(0, 0, 0, 0.12) 0px 4px 6px,
  rgba(0, 0, 0, 0.17) 0px 12px 13px, rgba(0, 0, 0, 0.09) 0px -3px 5px;
}

.purchase:hover {
background-color: rgb(222, 157, 54);
}
```

Src/app.js

```
import Card from "../components/Card";
function App() {
return (
```



```
<div className="App">
  <div className="container" >
    <Card />
  </div>
</div>
);
}
export default App;
```

Index.js:

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import './index.css';
import App from './App';
const root = ReactDOM.createRoot(document.getElementById('root'));
root.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>
);
```

Index.css:

```
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}
```

Output:



Practical-10

Aim- design an attractive Login and Registration form using Material-UI. Use Validations to validation the error and prompt the errors on the webpage.

App.js

```
import { useRef, useState } from "react";
import "./App.css";
import Login from "./components/Login";

function App() {
  return <Login />;
}

export default App;
```

Components/login.js

```
import React from "react";
import SignUp from "./SignUp";

const Login = () => {
  return (
    <div>
      <SignUp />
    </div>
  );
};

export default Login;
```

Components/signup.js

```
import * as React from "react";
import LockOutlinedIcon from "@mui/icons-material/LockOutlined";
import Avatar from "@mui/material/Avatar";
import Button from "@mui/material/Button";
import CssBaseline from "@mui/material/CssBaseline";
import TextField from "@mui/material/TextField";
import FormControlLabel from "@mui/material/FormControlLabel";
import Checkbox from "@mui/material/Checkbox";
import Link from "@mui/material/Link";
import Grid from "@mui/material/Grid";
import Box from "@mui/material/Box";
import Typography from "@mui/material/Typography";
import Container from "@mui/material/Container";
import { createTheme, ThemeProvider } from "@mui/material/styles";
import { checkValidData } from "../utils/validate";
```

```
function Copyright(props) {
  return (
    <Typography
      variant="body2"
      color="text.secondary"
      align="center"
      {...props}
    >
      {"Copyright © "}
      <Link color="inherit" href="https://mui.com/">
        Your Website
      </Link> {" "}
      {new Date().getFullYear()}
      {"."}
    </Typography>
  );
}

// TODO remove, this demo shouldn't need to reset the theme.

const defaultTheme = createTheme();

export default function SignUp() {
  const [errorMsg, setErrorMsg] = React.useState(null);

  const firstName = React.useRef(null);
  const lastName = React.useRef(null);
  const email = React.useRef(null);
  const password = React.useRef(null);
  const handleButtonSubmit = () => {
    console.log(password);
    const msg = checkValidData(email.current.value, password.current.value);
    setErrorMsg(msg);
    if(msg) return;
  };
  const handleSubmit = (event) => {
    event.preventDefault();
    const data = new FormData(event.currentTarget);
    console.log({
      email: data.get("email"),
      password: data.get("password"),
    });
  };

  return (
    <ThemeProvider theme={defaultTheme}>
      <Container component="main" maxWidth="xs">
        <CssBaseline />
```

```
<Box
  sx={{
    marginTop: 8,
    display: "flex",
    flexDirection: "column",
    alignItems: "center",
  }}
>
<Avatar sx={{ m: 1, bgcolor: "secondary.main" }}>
  <LockOutlinedIcon />
</Avatar>
<Typography component="h1" variant="h5">
  Sign up
</Typography>
<Box
  component="form"
  noValidate
  onSubmit={handleSubmit}
  sx={{ mt: 3 }}
>
  <Grid container spacing={2}>
    <Grid item xs={12} sm={6}>
      <TextField
        ref={firstName}
        autoComplete="given-name"
        name="firstName"
        required
        fullWidth
        id="firstName"
        label="First Name"
        autoFocus
      />
    </Grid>
    <Grid item xs={12} sm={6}>
      <TextField
        ref={lastName}
        required
        fullWidth
        id="lastName"
        label="Last Name"
        name="lastName"
        autoComplete="family-name"
      />
    </Grid>
    <Grid item xs={12}>
      <TextField
        ref={email}
        required
```

```
        fullWidth
        id="email"
        label="Email Address"
        name="email"
        autoComplete="email"
    />
</Grid>
<Grid item xs={12}>
    <TextField
        ref={password}
        required
        fullWidth
        name="password"
        label="Password"
        type="password"
        id="password"
        autoComplete="new-password"
    />
</Grid>
<Grid item xs={12}>
    <FormControlLabel
        control={
            <Checkbox value="allowExtraEmails" color="primary" />
        }
        label="I want to receive inspiration, marketing promotions and updates via email."
    />
</Grid>
</Grid>
<Button
    type="submit"
    fullWidth
    variant="contained"
    sx={{ mt: 3, mb: 2 }}
    onClick={handleButtonSubmit}
>
    Sign Up
</Button>
<Grid container justifyContent="flex-end">
    <Grid item>
        <Link href="#" variant="body2">
            Already have an account? Sign in
        </Link>
    </Grid>
</Grid>
</Box>
</Box>
</Container>
</ThemeProvider>
```

```
);  
}
```

utils/validate.js

```
export const checkValidData = (email, password) => {  
  const isEmailValid = /^[a-zA-Z0-9. %-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$/i.test(  
    email  
  );  
  const isPasswordValid =  
    /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z])(?=.*[a-zA-Z]).{8,}$/i.test(password);  
  if(!isPasswordValid) return "Password is not valid";  
  if(!isEmailValid) return "Email ID is not valid";  
  return null;  
};
```

Output:

