



**KESHAV MEMORIAL INSTITUTE OF  
TECHNOLOGY  
(AN AUTONOMOUS INSTITUTION)**



Accredited by NBA & NAAC, Approved by AICTE, Affiliated to JNTUH,  
Narayanguda, Hyderabad – 500029



**DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING**

**LAB RECORD**

**FRONTEND WEB DEVELOPMENT LAB**

**B.Tech. III YEAR II SEM  
(KR21) ACADEMIC YEAR**

**2023-24**



## Certificate

This is to certify that following is a Bonafide Record of the workbook task done by

\_\_\_\_\_ bearing Roll No \_\_\_\_\_ of \_\_\_\_\_

Branch of \_\_\_\_\_ year B.Tech Course in the \_\_\_\_\_

Subject during the Academic year \_\_\_\_\_ & \_\_\_\_\_ under our supervision.

Number of week tasks completed: \_\_\_\_\_

Signature of Staff Member Incharge

Signature of Head of the Dept.

Signature of Internal Examiner

Signature of External Examiner



# **KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY (AN AUTONOMOUS INSTITUTE)**



NBA  
NATIONAL BANK  
OF AFRICA

**Accredited by NBA & NAAC, Approved by AICTE, Affiliated to JNTUH, Hyderabad**  
**Department of Computer Science & Engineering**

INDEX

## PARTICULARS OF THE EXPERIMENT PERFORMED

Faculty Incharge



# **KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY (AN AUTONOMOUS INSTITUTE)**



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**Department of Computer Science & Engineering**

## INDEX

## PARTICULARS OF THE EXPERIMENT PERFORMED

Faculty Incharge



# **Daily Laboratory Assessment Sheet**

Name of the Lab:

Name of the Student:

Class:

HT.No:

Faculty Incharge

## **List Of Experiments**

<b>Exp No.</b>	<b>Experiment Name</b>	<b>Page No.</b>
1	Create your portfolio page using HTML tags	
2	Update the portfolio page by adding styles to it. Add a contact Us form as well.	
3	Update the same page using external style sheets or move the added styles to a CSS file and add it to the HTML page	
4	Update the portfolio page to use Bootstrap	
5	Create Home, AboutUs, Products, Partners, Contact Us pages for a static e-commerce website using Bootstrap. Add a gallery page using Bootstrap grid model. Add Navbar, header and footer to all pages. Add a Login link (Modal).	
6	Add a weather component to the home page of the above website, using ReactJS.	
7	Update the ‘contact us’ page to a ReactJS component. An email should be sent each time contact us form is submitted	
8	Add a Login component using ReactJS. User should be able to login, using pre-defined logins. Session should be maintained using react hooks	
9	Each page in the site should be a React JS component and the elements in each page should be child components.	
10	React Routing should be used to take care of routing from browser location bar and also from Navbar	

## EXPERIMENT 1

### 1. Create your portfolio page using HTML tags

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
    scale=1.0"> <title>Profile Page</title>
</head>
<body>

<h1>Jane Doe</h1>

<h3> Email: janedoe@johndoe.com</h3>
<h3> Mobile Number :000-000-0000</h3>
<hr width="100%">
<h3> Career Objective</h3>
Seeking a responsible career opportunity in the field of
Computer Science where I can utilize my logical and
technical skills towards personal and professional development

<h3> Academic Information </h3>
<table border="3">
    <tr>
        <th>
            Course Details
        </th>
        <th>
            Institution
        </th>
        <th>
            University/Board
        </th>
        <th>
            Year of passing
        </th>
        <th>
            CGPA
        </th>
    </tr>
    <tr>
        <td>
            Bachelor of Technology
            (Computer Science)
        </td>
        <td>
            ...
        </td>
        <td>
            ...
        </td>
        <td>
            ...
        </td>
        <td>
            ...
        </td>
    </tr>
</table>
```

Keshav Memorial Institute of Technology

</th>	7.32
>	
<th>	J
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	H
</th>	
>	
<th>	
</th>	
</tr>	
<tr>	
<th>	Intermediate-MPC
	</th>
<th>	Narayana Junior College, T
</th>	
<th>	JNTUH
</th>	
<th>	2017
	</th>
<th>	93.9%
	</th>
</tr>	
<tr>	
<th>	School of Secondary
	Certificate
	</th>
<th>	Vijaya Ratna Concept School
	</th>
<th>	SSC
	</th>
<th>	

```

<th>2015
</th>

9.5

</th>
</tr>

</table>

<h3> Technical skills </h3>
<h4> Programming Languages</h4>
<ul>
    <li>C</li>
    <li>Java</li>
    <li>Python</li>
</ul>
<h4> Databases</h4>
<ul>
    <li>MySQL</li>
</ul>
<h4>Web Technologies</h4>
<ul>
    <li>HTML</li>
    <li>CSS</li>
    <li>BootStrap</li>
    <li>Node</li>
    <li>ReactJS</li>
    <li>PHP</li>
</ul>

<h3> Projects </h3>
<ol>
    <li>
        <b> Project Title 1</b><br>
        <b> Technical Stack:</b> MERN <br>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum
        rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam
        commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi<p>
    </li>
    <li>
        <b> Project Title 2</b><br>
        <b> Technical Stack:</b> MEAN <br>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum
        rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam
        commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi<p>
    </li>
    <li>
        <b> Project Title 3</b><br>
        <b> Technical Stack:</b> LAMP <br>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum
        rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam
        commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi<p>
    </li>
</ol>

```

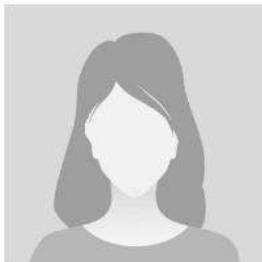
```
<h3> Achievements </h3>
<ol>
    <li> Certified in Neural Networks and Deep Learning by Coursera </li>
    <li> Certified in Ethical Hacking course by NPTEL </li>
    <li> Participated in Scratch Programming Event in
        KMIT</li> <li> Participated in street cause </li>
</ol>

<h3> Strengths </h3>
<ul>
    <li> Positive attitude </li>
    <li> Self-motivated, focused and dedicated
</li> </ul>

<h3> Personal profile </h3>
<table>
    <tr><td><b>Current Location</b></td><td>:Hyderabad</td> </tr>
    <tr><td><b>Date of Birth </b> </td><td>:00-00-2000</td> </tr>
    <tr><td><b>Languages known</b></td><td>:English, Telugu, Hindi</td> </tr>
</table >
</body>
</html>
```

## **EXPECTED OUTPUT:**

**Jane Doe**



Email: janedoe@johndoe.com

Mobile Number :000-000-0000

---

### **Career Objective**

Seeking a responsible career opportunity in the field of Computer Science where I can utilize my logical and technical skills towards personal and

### **Academic Information**

Course Details	Institution	University/Board	Year of passing	CGPA
Bachelor of Technology (Computer Science)	Keshav Memorial Institute of Technology	JNTUH	2021	7.32
Intermediate-MPC	Narayana Junior College, TS	JNTUH	2017	93.9%
School of Secondary Certificate	Vijaya Ratna Concept School	SSC	2015	9.5

### **Technical skills**

#### **Programming Languages**

- C
- Java

## Databases

- MySQL

## Web Technologies

- HTML
- CSS
- BootStrap
- Node
- ReactJS
- PHP

## Projects

### 1. Project Title 1

**Technical Stack:** MERN

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum rerum omnis earum enim amet ducimus, fugit hic ob aspernatur deserunt modi

### 2. Project Title 2

**Technical Stack:** MEAN

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum rerum omnis earum enim amet ducimus, fugit hic ob aspernatur deserunt modi

### 3. Project Title 3

**Technical Stack:** LAMP

Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum rerum omnis earum enim amet ducimus, fugit hic ob aspernatur deserunt modi

## Achievements

1. Certified in Neural Networks and Deep Learning by Coursera
2. Certified in Ethical Hacking course by NPTEL
3. Participated in Scratch Programming Event in KMIT
4. Participated in street cause

## Strengths

- Positive attitude
- Self-motivated, focused and dedicated

## Personal profile

Current Location :Hyderabad

Date of Birth :00-00-2000

Languages known :English, Telugu, Hindi

## EXPERIMENT 2

### 2. Update the portfolio page by adding styles to it. Add a contact Us form as well.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
    scale=1.0"> <title>Profile Page</title>
</head>
<style>
    body {
        margin: 0;
        font-family: Arial, Helvetica, sans-serif;
        font-size: 12px;
        line-height: 20px;

        background-color: #FCF8E8;
        margin: 10px;
    }
    .profile {
        box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.735);
        max-width: 15%;
        display: block;
        margin-left: auto;
        margin-right: auto;

    }
    .profile-text{
        display: block;
        margin-left: auto;
        margin-right: auto;
        max-width: 10%;

    }
    #score {
        font-family: Arial, Helvetica, sans-serif;
        border-collapse: collapse;
        width: 70%;

    }
    #score td, #score th {
        border: 1px solid #ddd;
        padding: 8px;
    }

    #score th {
        padding-top: 12px;
```

```

padding-bottom: 12px;
text-align: left;
background-color: #94B49F;
color: white;
text-decoration: solid;
}

.proj {
margin: auto;
width: 30%;
border: 2px solid #DF7861;
padding: 5px;
float: left;
}

#conform {
margin: auto;
border: 2px solid #DF7861;
padding: 5px;
float: left;
width: 25%;
}

```

</style>

<body>

```



```

	CGPA
	</th>
	</tr>
<tr>	<td>
	Bachelor of Technology
	(Computer Science)
	</th>
	<td>
	Keshav Memorial
	Institute of Technology
	</td>
	<td>
	JNTUH
	</td>
	<td>
	2021
	</td>
	<td>
	7.32
	</td>
</tr>	
<tr>	<td>
	Intermediate-MPC
	</td>
	<td>
	Narayana Junior College, TS
	</td>
	<td>
	JNTUH
	</td>
	<td>
	2017
	</td>
	<td>
	93.9%
	</td>
</tr>	
<tr>	<td>
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	Certificate
	</td>
	<td>
	Vijaya Ratna Concept School
	</td>

```

<td>
    SSC
</td>
<td>
    2015
</td>
<td>
    9.5
</td>
</tr>

</table>

<h3> Technical skills </h3>
<h4> Programming Languages</h4>
<ul>
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    <li>Node</li>
    <li>ReactJS</li>
    <li>PHP</li>
</ul>

<h3> Projects </h3>

<div>
    <div class="proj">
        <b> Project Title 1</b><br>
        <b> Technical Stack:</b> MERN <br>
            Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum
            rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam
            commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi</p>
    </div>
    <div class="proj">
        <b> Project Title 2</b><br>
        <b> Technical Stack:</b> MEAN <br>
            Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum
            rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam
            commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi</p>
    </div>

```

```

<div class="proj">
    <b> Project Title 3</b><br>
    <b> Technical Stack:</b> LAMP <br>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum
        rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam
        commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi</p>
    </div>
</div>

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        KMIT</li> <li> Participated in street cause </li>
</ol>

<h3> Strengths </h3>
<ul>
    <li> Positive attitude </li>
    <li> Self-motivated, focused and dedicated
</li> </ul>

<h3> Personal profile </h3>
<table>
    <tr><td><b>Current Location</b></td><td>:Hyderabad</td> </tr>
    <tr><td><b>Date of Birth </b></td><td>:00-00-2000</td> </tr>
    <tr><td><b>Languages known</b></td><td>:English, Telugu, Hindi</td> </tr>
</table >

<h3> Contact me</h3>
<div id="conform">
    <form action="mailto:janedoe@geemail.com" method="POST"
        enctype="text/plain" name="EmailForm">
        <b> Name: </b> <br> <input type="text" size="40" name="ContactName" > <br>
        <b> Message: </b> <br> <textarea name="ContactComment" rows="6"
        cols="40"></textarea><br>
        <input type="submit" value="Submit">
    </form>
</div>

</body>
</html>

```

## EXPECTED OUTPUT



Jane Doe

Email: janedoe@geemail.com

Mobile Number :000-000-0000

### Career Objective

Seeking a responsible career opportunity in the field of Computer Science where I can utilize my logical and technical skills towards personal and professional development.

### Academic Information

Course Details	Institution	University/Board	Year of passing	CGPA
Bachelor of Technology (Computer Science)	Keshav Memorial Institute of Technology	JNTUH	2021	7.32
Intermediate-MPC	Narayana Junior College, TS	JNTUH	2017	93.9%
School of Secondary Certificate	Vijaya Ratna Concept School	SSC	2015	9.5

### Technical skills

#### Programming Languages

- C
- Java
- Python

#### Databases

- MySQL

#### Web Technologies

- HTML
- CSS
- Boostrap
- Node
- ReactJS
- PHP

### Projects

Project Title 1	Project Title 2	Project Title 3
Technical Stack: MERN Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi	Technical Stack: MEAN Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi	Technical Stack: LAMP Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi

### Achievements

1. Certified in Neural Networks and Deep Learning by Coursera
2. Certified in Ethical Hacking course by NPTEL
3. Participated in Scratch Programming Event in KMIT
4. Participated in street cause

### Strengths

- Positive attitude
- Self-motivated, focused and dedicated



### Personal profile

Current Location :Hyderabad

Date of Birth :00-00-2000

Languages known :English, Telugu, Hindi

### Contact me

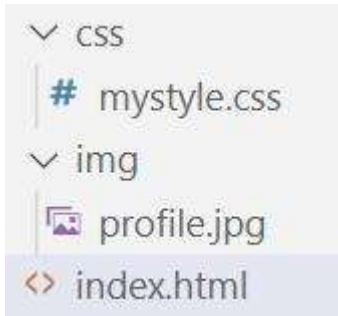
Name:

Message:

## EXPERIMENT 3

3. Update the same page using external style sheets or move the added styles to a CSS file and add it to the HTML page

**Folder Structure –**



**Css file –**

```
body {  
margin: 0;  
font-family: Arial, Helvetica, sans-serif;  
font-size: 12px;  
line-height: 20px;  
  
background-color: #FCF8E8;  
margin: 10px;  
}  
.profile {  
box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.735);  
max-width: 15%;  
display: block;  
margin-left: auto;  
margin-right: auto;  
  
}  
.profile-text{  
display: block;  
margin-left: auto;  
margin-right: auto;  
max-width: 10%;  
}  
#score {  
font-family: Arial, Helvetica, sans-serif;  
border-collapse: collapse;  
width: 70%;  
}  

```

```

#score th {
padding-top: 12px;
padding-bottom: 12px;
text-align: left;
background-color: #94B49F;
color: white;
text-decoration: solid;
}

.proj {
margin: auto;
width: 30%;
border: 2px solid #DF7861;
padding: 5px;
float: left;
}

#conform {
margin: auto;
border: 2px solid #DF7861;
padding: 5px;
float: left;
width: 25%;
}

```

### Html file -

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
    scale=1.0"> <title>Profile Page</title>
    <link rel="stylesheet" href="css/mystyle.css" />
</head>
<body>

     <h1 class="profile-text">Jane Doe</h1>
    <h3> Email: janedoe@geemail.com</h3>
    <h3> Mobile Number :000-000-0000</h3>
    <hr width="100%" >
    <h3> Career Objective</h3>
    Seeking a responsible career opportunity in the field of
    Computer Science where I can utilize my logical and
    technical skills towards personal and professional development

```

```

<h3> Academic Information </h3>
<table border="3" id="score">
    <tr>
        <th>
            Course Details
        </th>
        <th>
            Institution
        </th>
        <th>
            University/Board
        </th>
        <th>
            Year of passing
        </th>
        <th>
            CGPA
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    </tr>

    <tr>
        <td>
            Bachelor of Technology
            (Computer Science)
        </td>
        <td>
            Keshav Memorial
            Institute of Technology
        </td>
        <td>
            JNTUH
        </td>
        <td>
            2021
        </td>
        <td>
            7.32
        </td>
    </tr>

    <tr>
        <td>
            Intermediate-MPC
        </td>
        <td>
            Narayana Junior College, TS
        </td>
        <td>
            JNTUH
        </td>
    </tr>

```

2017	93.9%
School of Secondary Certificate	Vijaya Ratna Concept School
SSC	2015
9.5	

</table>

<h3> Technical skills </h3>

<h4> Programming Languages</h4>

- C
- Java
- Python

<h4> Databases</h4>

- MySQL

<h4> Web Technologies</h4>

- HTML
- CSS
- BootStrap
- Node
- ReactJS
- PHP

<h3> Projects </h3>

```

<div>
    <div class="proj">
        <b> Project Title 1</b><br>
        <b> Technical Stack:</b> MERN <br>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum
        rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam
        commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi</p>
    </div>
    <div class="proj">
        <b> Project Title 2</b><br>
        <b> Technical Stack:</b> MEAN <br>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum
        rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam
        commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi</p>
    </div>
    <div class="proj">
        <b> Project Title 3</b><br>
        <b> Technical Stack:</b> LAMP <br>
        Lorem ipsum dolor, sit amet consectetur adipisicing elit. Illum
        rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam
        commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi</p>
    </div>
</div>

<h3> Achievements </h3>
<ol>
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        KMIT</li> <li> Participated in street cause </li>
</ol>

<h3> Strengths </h3>
<ul>
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</li> </ul>

<h3> Personal profile </h3>
<table>
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    <tr><td><b>Date of Birth </b> </td><td>:00-00-2000</td> </tr>
    <tr><td><b>Languages known</b></td><td>:English, Telugu, Hindi</td> </tr>
</table >

<h3> Contact me</h3>
<div id="conform">
<form action="mailto:janedoe@geemail.com" method="POST"
      enctype="text/plain" name="EmailForm">
    <b> Name: </b> <br> <input type="text" size="40" name="ContactName"> <br>

```

```
<b> Message: </b> <br> <textarea name="ContactComment" rows="6"
cols="40"></textarea><br>
    <input type="submit" value="Submit">
</form>
</div>

</body>
</html>
```

## EXPECTED OUTPUT: (same as experiment 2)



**Jane Doe**

Email: janedoe@geemail.com  
Mobile Number :000-000-0000

---

**Career Objective**  
Seeking a responsible career opportunity in the field of Computer Science where I can utilize my logical and technical skills towards personal and professional development

**Academic Information**

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Intermediate-MPC	Narayana Junior College, TS	JNTUH	2017	93.9%
School of Secondary Certificate	Vijaya Ratna Concept School	SSC	2015	9.5

**Technical skills**

**Programming Languages**

- C
- Java
- Python

**Databases**

- MySQL

**Web Technologies**

- HTML
- CSS
- BootStrap
- Node
- ReactJS
- PHP

**Projects**

<b>Project Title 1</b> Technical Stack: MERN Lorem ipsum dolor, sit amet consectetur adipisicing elit. illum rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi	<b>Project Title 2</b> Technical Stack: MEAN Lorem ipsum dolor, sit amet consectetur adipisicing elit. illum rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi	<b>Project Title 3</b> Technical Stack: LAMP Lorem ipsum dolor, sit amet consectetur adipisicing elit. illum rerum omnis earum enim amet ducimus, fugit hic obcaecati nam, suscipit magnam commodi impedit eos laboriosam nesciunt dolor aspernatur deserunt modi
---	---	---

### Achievements

1. Certified in Neural Networks and Deep Learning by Coursera
2. Certified in Ethical Hacking course by NPTEL
3. Participated in Scratch Programming Event in KMIT
4. Participated in street cause

### Strengths

- Positive attitude
- Self-motivated, focused and dedicated



### Personal profile

Current Location :Hyderabad

Date of Birth :00-00-2000

Languages known :English, Telugu, Hindi

### Contact me

Name:

Message:

## EXPERIMENT 4

### 4. Update the portfolio page to use

#### Bootstrap Folder structure –



img folder should have profile.jpg

Code –

Index.html

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

    <!-- Bootstrap CSS -->

    <link rel="stylesheet"
    href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css">
    <script
    src="https://cdn.jsdelivr.net/npm/jquery@3.6.0/dist/jquery.slim.min.js"></script>
    <script
    src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></scri
pt>
    <script
    src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js
"></script>
    <link href="css/mystyle.css" rel="stylesheet">
    <!-- Font Awesome icons (free version) -->
    <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js"
crossorigin="anonymous"></script>

</head>
<body>
    <nav class="navbar navbar-dark navbar-expand-sm fixed-top"
    style="background-color: #bd5d38;">
        <div class="container">
            <button class="navbar-toggler" type="button" data-
            toggle="collapse" data-target="#Navbar">
                <span class="navbar-toggler-icon">
            </span> </button>
```

```

        <div class="collapse navbar-collapse"
            id="Navbar"> <ul class="navbar-nav mr-auto">
            <li class="nav-item active"><a class="nav-link"
            href="#"><span class="fa fa-home fa-lg"></span> About</a></li>
            <li class="nav-item"><a class="nav-link"
            href="#acads"><span class="fa fa-list fa-lg"></span> Academics</a></li>
            <li class="nav-item"><a class="nav-link"
            href="#techskills"><span class="fa fa-list fa-lg"></span> Technical
            skills</a></li>
            <li class="nav-item"><a class="nav-link"
            href="#projects"><span class="fa fa-info fa-lg"></span> Projects</a></li>
            <li class="nav-item"><a class="nav-link"
            href="#achieves"><span class="fa fa-info fa-lg"></span> Achievements</a></li>
            <li class="nav-item"><a class="nav-link"
            href="#contact"><span class="fa fa-address-card fa-lg"></span> Contact
            Me</a></li>
        </ul>

    </div>
</div>

</nav>

<div class="container-fluid" >
    <div class="row" id="about">

        <div class="col-sm-8">
            <h1 class="display-4">Jane Doe</h1>
            <p class="lead"><b>
                janedoe@geemail.com</b></p> <hr class="my-4">
            <p><b> Career Objective </b> <br>Seeking a responsible
            career opportunity in the field of Computer Science where I can utilize my
            logical and technical skills towards personal and professional development </p>
            <p class="lead">

                </p>
        </div>
        <div class="col-sm-3">
            </span>
        </div>
    </div>

    <div class="row" id="acads">

        <div class="col-sm-8">
            <h1 class="display-4">Academics</h1>
            <table id="score" class="table table-striped table-bordered">

                <tr>
                    <th>
                        Course Details

```

	Institution	University/Board	Year of passing
	CGPA		
	Bachelor of Technology (Computer Science)	JNTUH	2021
	Keshav Memorial Institute of Technology		7.32
	Intermediate-MPC	JNTUH	2017
	Narayana Junior College, TS		
			93.9%

```

        </td>
    </tr>

    <tr>
        <td>
            School of Secondary
            Certificate
        </td>
        <td>
            Vijaya Ratna Concept School
        </td>
        <td>
            SSC
        </td>
        <td>
            2015
        </td>
        <td>
            9.5
        </td>
    </tr>

</table>

</div>
</div>

<div class="row" id="techskills">

    <div class="col-sm-8">
        <h1 class="display-4">TechSkills</h1>
        <h4> Programming Languages</h4>
        <ul>
            <li>C</li>
            <li>Java</li>
            <li>Python</li>
        </ul>
        <h4> Databases</h4>
        <ul>
            <li>MySQL</li>
        </ul>
        <h4> Web Technologies</h4>
        <ul>
            <li>HTML</li>
            <li>CSS</li>
            <li>BootStrap</li>
            <li>Node</li>
            <li>ReactJS</li>
            <li>PHP</li>
        </ul>
    </div>
</div>
```

```

</div>

</div>

<div class="row" id="projects">

    <h1 class="display-4"> Projects</h1>
    </div>
    <div class="row" id="mycards">
        <div class="col-sm-3">
            <div class="card">
                <div class="card-body">
                    <h5 class="card-title">Project Title 1</h5>
                    <p class="card-text"> Praesentium expedita iste
veniam non. Deserunt voluptatum quibusdam sunt! Recusandae quod vel
sequi, consequatur ipsum voluptatibus cum reiciendis quia, </p>
                    <a href="#" class="btn btn-primary">Launch
                    Git</a> </div>
                </div>
            </div>
            <div class="col-sm-3">
                <div class="card">
                    <div class="card-body">
                        <h5 class="card-title">Project Title 2</h5>
                        <p class="card-text"> Lorem ipsum dolor sit amet,
consectetur adipisicing elit. Dolorum quod excepturi dolores ad.
Excepturi expedita incident mollitia architecto sit,</p>
                    <a href="#" class="btn btn-primary">Launch
                    Project</a>
                </div>
                </div>
            </div>

            <div class="col-sm-3">
                <div class="card">
                    <div class="card-body">
                        <h5 class="card-title">Project Title 3</h5>
                        <p class="card-text">Lorem ipsum dolor sit amet
consectetur adipisicing elit. Voluptatem nostrum aliquid cupiditate totam. Quia
unde adipisci voluptates, consectetur earum, </p>
                    <a href="#" class="btn btn-primary">Launch
                    Bitbucket</a>
                </div>
                </div>
            </div>

        </div>
    </div>
</div>

```

```

<div class="row" id="achieves">

    <div class="col-sm-8">
        <h1 class="display-4">Achievements</h1>
        <ol class="mt-4 px-5">
            <li> Certified in Neural Networks and Deep
Learning by Coursera </li>
            <li> Certified in Ethical Hacking course by NPTEL
</li>
            <li> Participated in Scratch Programming Event in
KMIT</li>
            <li> Participated in street cause
</li> </ol>

        </p>
    </div>

</div>

<div class="row" id="contact">

    <div class="col-sm-8">
        <h1 class="display-4">Contact Me</h1>
        <div id="conform">
            <form action="mailto:janedoe@geemail.com"
method="POST"
                enctype="text/plain" name="EmailForm">
                <b> Name: </b> <br> <input type="text"
size="40" name="ContactName"> <br>
                <b> Message: </b> <br> <textarea
name="ContactComment" rows="6" cols="40"></textarea><br>
                <input type="submit" value="Submit">
            </form>
        </div>
    </div>

</div>

<!-- Footer-->
<footer class="footer text-center">
    <div class="container">
        <div class="row">
            <!-- Footer Location-->
            <div class="col-lg-4 mb-5 mb-lg-0">
                <h5 class="mb-4">Location</h5>
                <p class="lead mb-0">
                    27 Jane Street, Jane Doe
                    <br />

```

```

        TS 5000027
    </p>
</div>
<!-- Footer Social Icons--&gt;
&lt;div class="col-lg-4 mb-5 mb-lg-0"&gt;
    &lt;h5 class="mb-4"&gt;Around the Web&lt;/h5&gt;
    &lt;a class="btn btn-outline-light btn-social mx-1"
    href="#"&gt;&lt;i class="fab fa-fw fa-facebook-f"&gt;&lt;/i&gt;&lt;/a&gt;
    &lt;a class="btn btn-outline-light btn-social mx-1"
    href="#"&gt;&lt;i class="fab fa-fw fa-twitter"&gt;&lt;/i&gt;&lt;/a&gt;
    &lt;a class="btn btn-outline-light btn-social mx-1"
    href="#"&gt;&lt;i class="fab fa-fw fa-linkedin-in"&gt;&lt;/i&gt;&lt;/a&gt;
&lt;/div&gt;
<!-- Footer About Text--&gt;
&lt;div class="col-lg-4"&gt;
    &lt;h5 class="mb-4"&gt;About&lt;/h5&gt;
    &lt;p class="lead mb-0"&gt;
        This is a simple portfolio page of Jane Doe.
    &lt;/p&gt;
&lt;/div&gt;
&lt;/div&gt;
&lt;/div&gt;

<!-- Copyright Section--&gt;
&lt;div class="copyright py-4 text-center text-white"&gt;
    &lt;div class="container"&gt;&lt;small&gt;Copyright &amp;copy; Jane Doe
2022&lt;/small&gt;&lt;/div&gt;
&lt;/div&gt;

&lt;/div&gt;

&lt;/body&gt;
&lt;/html&gt;
</pre>

```

### mystyle.css

```

body{
    background-color: #fcf8e8;
}
.row{
    padding-top: 4rem;
}
.row-header{
    margin:0px auto;
    padding:0px;
}

```

```

.row-content {
    margin:0px auto;
    padding: 50px 0px 50px 0px;
    border-bottom: 1px ridge;
    min-height:400px;
}

.footer{
    background-color:#bd5d38;
    margin:0px auto;
    padding: 20px 0px 20px 0px;
    color: white;
}
.copyright{
    background-color:#9e3208
}
.address{
    font-size:80%;
    margin:0px;
    color:#0f0f0f;
}
body{
    padding:0px 0px 0px 0px;
    z-index:0;
}

#mynav{
    background-color: #bd5d38;
    color: white;
    z-index: 1;
}
.proimage{
border: 0.5rem solid #c8927f;
}

#achieves{
    margin-bottom: 18rem;
}
#acads{
    margin-bottom: 10rem;
}
#mycards{
    margin-bottom: 10rem;
}

#about{
    margin-bottom: 18rem;
}

#contact{

```

```
margin-bottom: 5rem;  
}  
  
/* scroll */  
html {  
  scroll-behavior: smooth;  
}
```

## EXPECTED OUTPUT:

[About](#)  [Academics](#)  [Technical skills](#)  [Projects](#)  [Achievements](#)  [Contact Me](#)

Jane Doe  
janedoe@geemail.com

**Career Objective**  
Seeking a responsible career opportunity in the field of Computer Science where I can utilize my logical and technical skills towards personal and professional development



[About](#)  [Academics](#)  [Technical skills](#)  [Projects](#)  [Achievements](#)  [Contact Me](#)

## Academics

Course Details	Institution	University/Board	Year of passing	CGPA
Bachelor of Technology (Computer Science)	Keshav Memorial Institute of Technology	JNTUH	2021	7.32
Intermediate-MPC	Narayana Junior College, TS	JNTUH	2017	93.9%
School of Secondary Certificate	Vijaya Ratna Concept School	SSC	2015	9.5

# TechSkills

## Programming Languages

- C
- Java
- Python

## Databases

- MySQL

## Web Technologies

- HTML
- CSS
- BootStrap
- Node
- ReactJS
- PHP

# Projects

### Project Title 1

Praesentium expedita iste veniam non. Deserunt voluptatum quibusdam sunt! Recusandae quod vel sequi, consequatur ipsum voluptatibus cum reiciendis quia,

[Launch Git](#)

### Project Title 2

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Dolorum quod excepturi dolores ad. Excepturi expedita incident mollitia architecto sit,

[Launch Project](#)

### Project Title 3

Lorem ipsum dolor sit amet, consectetur adipisicing elit. Voluptatem nostrum aliquid cupiditate totam. Quia unde adipisci voluptates, consectetur earum,

[Launch Bitbucket](#)



# Achievements

1. Certified in Neural Networks and Deep Learning by Coursera
2. Certified in Ethical Hacking course by NPTEL
3. Participated in Scratch Programming Event in KMIT
4. Participated in street cause

# Contact Me

**Name:**

**Message:**

**Submit**



**Submit**

## Location

27 Jane Street, Jane Doe  
TS 5000027

## Around the Web



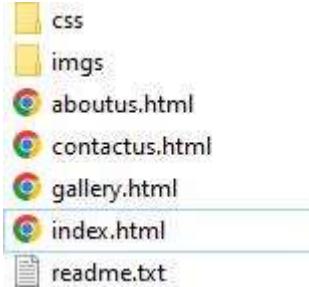
## About

This is a simple portfolio page of Jane Doe.

## EXPERIMENT 5

**5. Create Home, AboutUs, Products, Partners, Contact Us pages for a static e-commerce website using Bootstrap. Add a gallery page using Bootstrap grid model. Add Navbar, header and footer to all pages. Add a Login link (Modal).**

Folder Structure



### index.html

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

    <!-- Bootstrap CSS -->

    <link rel="stylesheet"
    href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css">
    <script
    src="https://cdn.jsdelivr.net/npm/jquery@3.6.0/dist/jquery.slim.min.js"></script>
    <script
    src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"><scri
pt>
    <script
    src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js
"></script>
    <link href="css/mystyle.css" rel="stylesheet">
    <!-- Font Awesome icons (free version)-->
    <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js"
crossorigin="anonymous"></script>

</head>
<body>
    <nav class="navbar navbar-dark navbar-expand-sm fixed-top"
    style="background-color: darkblue;">
        <div class="container">
            <button class="navbar-toggler" type="button" data-
            toggle="collapse" data-target="#Navbar">
```

```

        <span class="navbar-toggler-icon">
    </span> </button>
    <a class="navbar-brand mr-auto" href="#"> <a class="navbar-brand
mr-auto" href="#">
        
    </a> <div class="collapse navbar-collapse" id="Navbar">
        <ul class="navbar-nav mr-auto">
            <li class="nav-item active"><a class="nav-link"
href="index.html"><span class="fa fa-home fa-lg"></span> Home</a></li>
            <li class="nav-item"><a class="nav-link"
href="aboutus.html"><span class="fa fa-list fa-lg"></span>About Us</a></li>
            <li class="nav-item"><a class="nav-link"
href="gallery.html"><span class="fa fa-info fa-lg"></span> Products</a></li>
            <li class="nav-item"><a class="nav-link"
href="contactus.html"><span class="fa fa-address-card fa-lg"></span> Contact
Us</a></li>
        </ul>
    </div>
    <span class="navbar-text">
        <a data-toggle="modal" data-target="#loginModal">
            <span class="fa fa-sign-in"></span> Login</a>
        </span>
    </div>
</nav>
```

```

<!-- Modal content-->
<div class="modal fade" id="loginModal" tabindex="-1" role="dialog"
aria-labelledby="myModalLabel"
aria-hidden="true">
    <div class="modal-dialog" role="document">
        <div class="modal-content">
            <div class="modal-header text-center">
                <h4 class="modal-title w-100 font-weight-bold">Login</h4>
                <button type="button" class="close" data-dismiss="modal" aria-
label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body mx-1">
                <div class="md-form mb-1">
                    <i class="fas fa-envelope prefix grey-text"></i>
                    <input type="email" id="defaultForm-email" class="form-control
validate">
                    <label data-error="wrong" data-success="right"
for="defaultForm-email">Your email</label>
                </div>
                <div class="md-form mb-1">
```

```

        <i class="fas fa-lock prefix grey-text"></i>
        <input type="password" id="defaultForm-pass" class="form-control validate">
            <label data-error="wrong" data-success="right"
for="defaultForm-pass">Your password</label>
        </div>

    </div>
    <div class="modal-footer d-flex justify-content-center">
        <button class="btn btn-default">Login</button>
    </div>
</div>
</div>

<div class="text-center">
    <a href="" class="btn btn-default btn-rounded mb-1" data-
toggle="modal" data-target="#modalLoginForm">Launch
        Login Form</a>
</div>

</div>
</div>

<div class="container">
    <div class="row">
        <img src ="imgs/home.jpg" width="100%" height="40%"/> </div>
</div>

<!-- Footer--&gt;
&lt;footer class="footer text-center"&gt;
    &lt;div class="container"&gt;
        &lt;div class="row"&gt;
            &lt;!-- Footer Location--&gt;
            &lt;div class="col-lg-4 mb-5 mb-lg-0"&gt;
                &lt;h5 class="mb-4"&gt;Location&lt;/h5&gt;
                &lt;p class="lead mb-0"&gt;
                    27 Jane Street, John Doe
                    &lt;br /&gt;
                    TS 5000027
                &lt;/p&gt;
            &lt;/div&gt;
            &lt;!-- Footer Social Icons--&gt;
            &lt;div class="col-lg-4 mb-5 mb-lg-0"&gt;
                &lt;h5 class="mb-4"&gt;Around the Web&lt;/h5&gt;
                &lt;a class="btn btn-outline-light btn-social mx-1"
href="#"&gt;&lt;i class="fab fa-fw fa-facebook-f"&gt;&lt;/i&gt;&lt;/a&gt;
                &lt;a class="btn btn-outline-light btn-social mx-1"
href="#"&gt;&lt;i class="fab fa-fw fa-twitter"&gt;&lt;/i&gt;&lt;/a&gt;
            &lt;/div&gt;
        &lt;/div&gt;
    &lt;/div&gt;
&lt;/footer&gt;
</pre>

```

```

                <a class="btn btn-outline-light btn-social mx-1"
href="#"><i class="fab fa-fw fa-linkedin-in"></i></a>
            </div>
            <!-- Footer About Text-->
            <div class="col-lg-4">
                <h5 class="mb-4">About</h5>
                <p class="lead mb-0">
                    BuyBest
                </p>
            </div>
        </div>
    </div>

</footer>

<!-- Copyright Section-->
<div class="copyright py-4 text-center text-white">
    <div class="container"><small>Copyright © John Doe
2022</small></div>
</div>

</div>

</body>
</html>

```

## Gallery.html

```

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

    <!-- Bootstrap CSS -->

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css">
        <script
src="https://cdn.jsdelivr.net/npm/jquery@3.6.0/dist/jquery.slim.min.js"></script>

```

```

        <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"
"></script>
        <link href="css/mystyle.css" rel="stylesheet">
        <!-- Font Awesome icons (free version)!-->
        <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js"
crossorigin="anonymous"></script>

    </head>
<body>
    <nav class="navbar navbar-dark navbar-expand-sm fixed-top"
style="background-color: darkblue;">
        <div class="container">
            <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#Navbar">
                <span class="navbar-toggler-icon">
                </span> </button>
            <a class="navbar-brand mr-auto" href="#"> <a class="navbar-brand
mr-auto" href="#">
                
            </a> <div class="collapse navbar-collapse" id="Navbar">
                <ul class="navbar-nav mr-auto">
                    <li class="nav-item "><a class="nav-link"
href="index.html"><span class="fa fa-home fa-lg"></span> Home</a></li>
                    <li class="nav-item"><a class="nav-link"
href="aboutus.html"><span class="fa fa-list fa-lg"></span>About Us</a></li>
                    <li class="nav-item"><a class="nav-link active"
href="gallery.html"><span class="fa fa-info fa-lg"></span> Products</a></li>
                    <li class="nav-item"><a class="nav-link"
href="contactus.html"><span class="fa fa-address-card fa-lg"></span> Contact
Us</a></li>
                </ul>
            </div>
        </div>
    </nav>

    <div class="container">

        <div class="row">
            <div class="col-12 col-sm-3">
                <div class="media">
                    
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>

</div>

<div class="row">
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>

```

```

                </div>
            </div>

        </div>

<div class="row">
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            

        </div>
    </div>
</div>

</div>

<!-- Footer-->
<footer class="footer text-center">
    <div class="container">
        <div class="row">
            <!-- Footer Location-->
            <div class="col-lg-4 mb-5 mb-lg-0">
                <h5 class="mb-4">Location</h5>
                <p class="lead mb-0">
                    27 Jane Street, John Doe
                    <br />
                    TS 500027
                </p>
            </div>
            <!-- Footer Social Icons-->

```

```

        <div class="col-lg-4 mb-5 mb-lg-0">
            <h5 class="mb-4">Around the Web</h5>
            <a class="btn btn-outline-light btn-social mx-1"
href="#"><i class="fab fa-fw fa-facebook-f"></i></a>
            <a class="btn btn-outline-light btn-social mx-1"
href="#"><i class="fab fa-fw fa-twitter"></i></a>
            <a class="btn btn-outline-light btn-social mx-1"
href="#"><i class="fab fa-fw fa-linkedin-in"></i></a>
        </div>
        <!-- Footer About Text-->
        <div class="col-lg-4">
            <h5 class="mb-4">About</h5>
            <p class="lead mb-0">
                Buy Best
            </p>
        </div>
    </div>

</footer>

<!-- Copyright Section-->
<div class="copyright py-4 text-center text-white">
    <div class="container"><small>Copyright © John Doe
2022</small></div>
</div>

</div>

</body>
</html>

aboutus.html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0"> <title>Buy Best!</title>

    <!-- Bootstrap CSS -->

    <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css">
    <script
src="https://cdn.jsdelivr.net/npm/jquery@3.6.0/dist/jquery.slim.min.js"></script>

```

```

        <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"></script>
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"
"></script>
        <link href="css/mystyle.css" rel="stylesheet">
        <!-- Font Awesome icons (free version)!-->
        <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js"
crossorigin="anonymous"></script>

    </head>
<body>
    <nav class="navbar navbar-dark navbar-expand-sm fixed-top"
style="background-color: darkblue;">
        <div class="container">
            <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#Navbar">
                <span class="navbar-toggler-icon">
                </span> </button>
            <a class="navbar-brand mr-auto" href="#"> <a class="navbar-brand
mr-auto" href="#">
                
            </a> <div class="collapse navbar-collapse" id="Navbar">
                <ul class="navbar-nav mr-auto">
                    <li class="nav-item "><a class="nav-link"
href="index.html"><span class="fa fa-home fa-lg"></span> Home</a></li>
                    <li class="nav-item active"><a class="nav-link"
href="aboutus.html"><span class="fa fa-list fa-lg"></span>About Us</a></li>
                    <li class="nav-item"><a class="nav-link"
href="gallery.html"><span class="fa fa-info fa-lg"></span> Products</a></li>
                    <li class="nav-item"><a class="nav-link"
href="contactus.html"><span class="fa fa-address-card fa-lg"></span> Contact
Us</a></li>
                </ul>
            </div>
        </div>
    </nav>

    <div class="container">

        <div class="row">
            <div class="col-12 col-sm-10 mt-4">
                <p>
                    Welcome to BuyBest, your number one source for all phones and
gadgets.<br> <p> We are dedicated to giving you the very best,
with a focus on
                    dependability, customer service and uniqueness.
                </p>
            </div>
        </div>
    </div>

```

Founded in 2019 , BuyBest has come a long way from its beginnings in a home office, toolshed, Hyderabad, TS. When Maithri R first started out, her passion was to help others by providing the best gadgets , this drove her to do intense research, quit her day job, and gave her the impetus to turn hard work and inspiration into a booming online store. We now serve customers all over Telangana, and are thrilled to be a part of the fair trade wing of the gadgets industry.  
 </p>  
 <p>  
 We hope you enjoy our products as much as we enjoy offering them to you.  
 If you have any questions or comments, please don't hesitate to contact us.  
 </p>  
 Sincerely, <br>  
 Chaithra R,<br>  
 CEO  
 </div>  
</div>

```

<!-- Footer-->
<footer class="footer text-center">
  <div class="container">
    <div class="row">
      <!-- Footer Location-->
      <div class="col-lg-4 mb-5 mb-lg-0">
        <h5 class="mb-4">Location</h5>
        <p class="lead mb-0">
          27 Jane Street, John Doe
          <br />
          TS 5000027
        </p>
      </div>
      <!-- Footer Social Icons-->
      <div class="col-lg-4 mb-5 mb-lg-0">
        <h5 class="mb-4">Around the Web</h5>
        <a class="btn btn-outline-light btn-social mx-1"
 href="#"><i class="fab fa-fw fa-facebook-f"></i></a>
        <a class="btn btn-outline-light btn-social mx-1"
 href="#"><i class="fab fa-fw fa-twitter"></i></a>
        <a class="btn btn-outline-light btn-social mx-1"
 href="#"><i class="fab fa-fw fa-linkedin-in"></i></a>
      </div>
      <!-- Footer About Text-->
      <div class="col-lg-4">
        <h5 class="mb-4">About</h5>
        <p class="lead mb-0">

```

```

        Buy Best
    </p>
</div>
</div>
</div>

</footer>


        <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js"
crossorigin="anonymous"></script>

    </head>
<body>

```

```

<nav class="navbar navbar-dark navbar-expand-sm fixed-top"
style="background-color: darkblue;">
    <div class="container">
        <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#Navbar">
            <span class="navbar-toggler-icon">
            </span> </button>
        <a class="navbar-brand mr-auto" href="#"> <a class="navbar-brand
mr-auto" href="#">
            
        </a> <div class="collapse navbar-collapse" id="Navbar">
            <ul class="navbar-nav mr-auto">
                <li class="nav-item "><a class="nav-link"
href="index.html"><span class="fa fa-home fa-lg"></span> Home</a></li>
                <li class="nav-item "><a class="nav-link"
href="aboutus.html"><span class="fa fa-list fa-lg"></span>About Us</a></li>
                <li class="nav-item "><a class="nav-link"
href="gallery.html"><span class="fa fa-info fa-lg"></span> Products</a></li>
                <li class="nav-item active" ><a class="nav-link"
href="contactus.html"><span class="fa fa-address-card fa-lg"></span> Contact
Us</a></li>
            </ul>
        </div>
    </div>
</nav>

<div class="container">

    <div class="row">
        <div class="col-12 col-sm-10 mt-4">
            <div class="col-sm-8">
                <h3 class="display-4">Contact Us</h3>
                <div id="conform">
                    <form action="mailto:janedoe@geemail.com" method="POST"
enctype="text/plain" name="EmailForm">
                        Name:<br> <input type="text" size="40" name="ContactName">
<br>
                        Message: <br> <textarea name="ContactComment" rows="6"
cols="40"></textarea><br>
                        <input type="submit" value="Submit">
                    </form>
                </div>
            </div>
        </div>
        </div>
    </div>
</div>

```

```

<!-- Footer-->
<footer class="footer text-center">
    <div class="container">
        <div class="row">
            <!-- Footer Location-->
            <div class="col-lg-4 mb-5 mb-lg-0">
                <h5 class="mb-4">Location</h5>
                <p class="lead mb-0">
                    27 Jane Street, John Doe
                    <br />
                    TS 5000027
                </p>
            </div>
            <!-- Footer Social Icons-->
            <div class="col-lg-4 mb-5 mb-lg-0">
                <h5 class="mb-4">Around the Web</h5>
                <a class="btn btn-outline-light btn-social mx-1"
href="#"><i class="fab fa-fw fa-facebook-f"></i></a>
                <a class="btn btn-outline-light btn-social mx-1"
href="#"><i class="fab fa-fw fa-twitter"></i></a>
                <a class="btn btn-outline-light btn-social mx-1"
href="#"><i class="fab fa-fw fa-linkedin-in"></i></a>
            </div>
            <!-- Footer About Text-->
            <div class="col-lg-4">
                <h5 class="mb-4">About</h5>
                <p class="lead mb-0">
                    Buy Best
                </p>
            </div>
        </div>
    </div>
</footer>

<!-- Copyright Section-->
<div class="copyright py-4 text-center text-white">
    <div class="container"><small>Copyright ©; John Doe
2022</small></div>
    </div>

</div>

</body>
</html>

```

```

mystyle.css
body{
    background-color: #fcf8e8;
    font-family:sans-serif;
}
.row{
    padding-top: 4rem;
}
.row-header{
    margin:0px auto;
    padding:0px;
}
.row-content {
    margin:0px auto;
    padding: 50px 0px 50px 0px;
    border-bottom: 1px ridge;
    min-height:400px;
}

.footer{
    background-color:darkblue;
    margin:0px auto;
    padding: 20px 0px 20px 0px;
    color: white;
}
.copyright{
    background-color:darkblue
}
.address{
    font-size:80%;
    margin:0px;
    color:#0f0f0f;
}
body{
    padding:0px 0px 0px 0px;
}

#mynav{
    background-color: #bd5d38;
    color: white;
    z-index: 1;
}
.proimage{
border: 0.5rem solid #c8927f;
}

#achieves{
    margin-bottom: 18rem;
}

```

```
}

#acads{
    margin-bottom: 10rem;
}

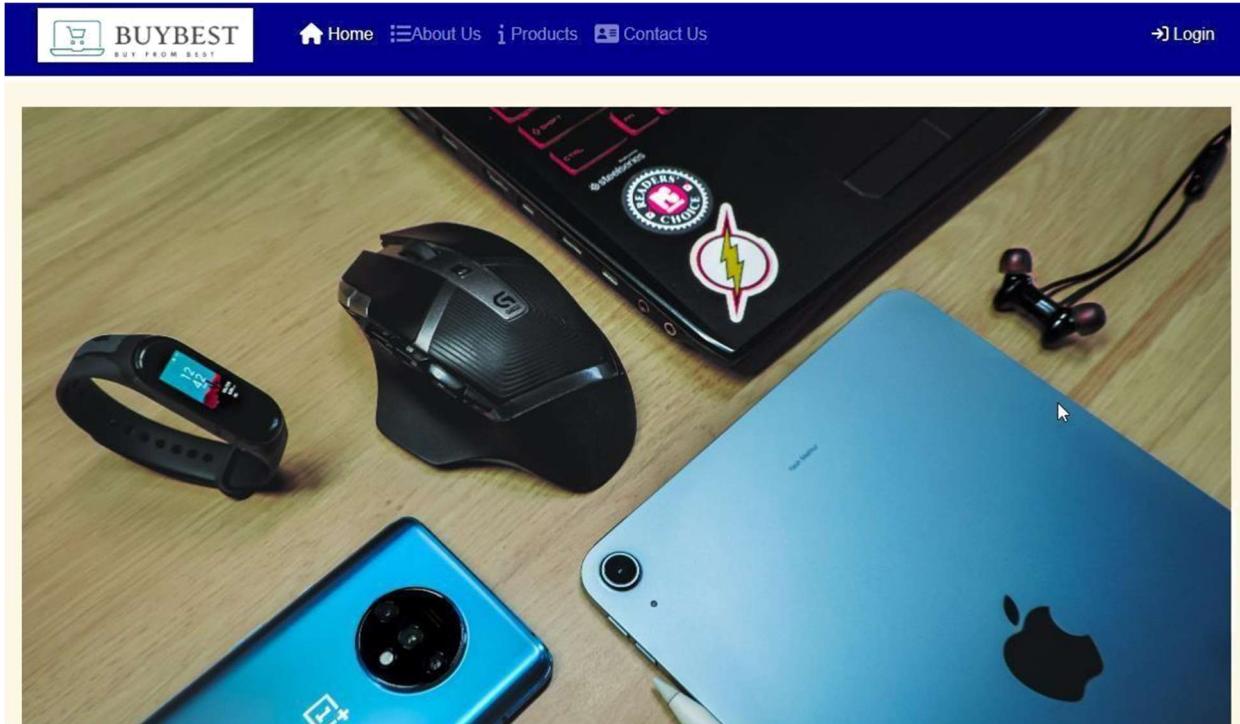
#mycards{
    margin-bottom: 10rem;
}

#about{
    margin-bottom: 18rem;
}

#contact{
    margin-bottom: 5rem;
}

/* scroll */
html {
    scroll-behavior: smooth;
}
```

## **EXPECTED OUTPUT:** **Home page**



## **About Us**

A screenshot of the BuyBest website's About Us page. The header is identical to the home page. The main content includes a welcome message, a history of the company, and contact information. It also features a signature from the CEO and a footer with location details, social media links, and copyright information.

Welcome to BuyBest, your number one source for all phones and gadgets.

We are dedicated to giving you the very best, with a focus on dependability, customer service and uniqueness. Founded in 2019 , BuyBest has come a long way from its beginnings in a home office, toolshed, Hyderabad, TS. When Maithri R first started out, her passion was to help others by providing the best gadgets , this drove her to do intense research, quit her day job, and gave her the impetus to turn hard work and inspiration into a booming online store. We now serve customers all over Telangana, and are thrilled to be a part of the fair trade wing of the gadgets industry.

We hope you enjoy our products as much as we enjoy offering them to you. If you have any questions or comments, please don't hesitate to contact us.

Sincerely,  
Chaithra R,  
CEO

**Location**  
27 Jane Street, John Doe  
TS 5000027

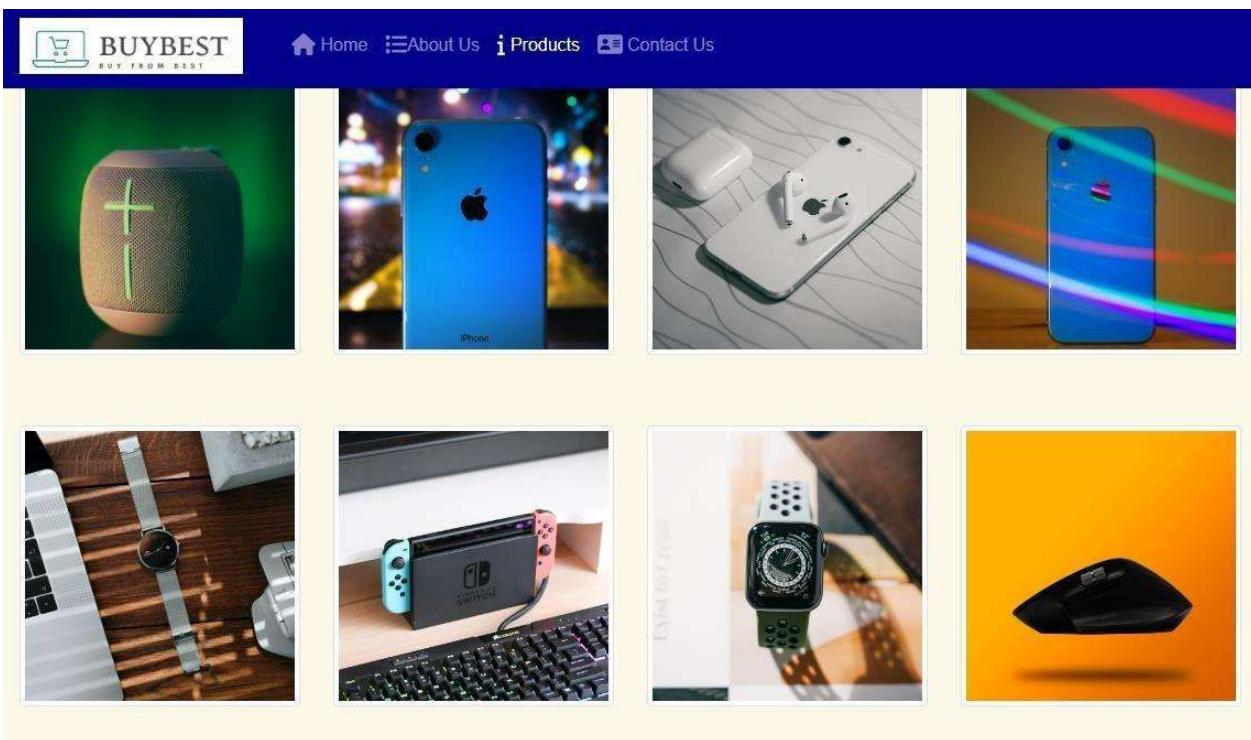
**Around the Web**

[f](#) [t](#) [in](#)

**About**  
Buy Best

Copyright © John Doe 2022

## Products



## ContactUs

The contact page features a dark blue header with the BUYBEST logo and navigation links for Home, About Us, Products, and Contact Us. The main content area has a light beige background. It includes a large "Contact Us" heading, input fields for Name and Message, a "Submit" button, and a "Next" button. At the bottom, there are sections for Location, Around the Web, and About, along with social media icons and a copyright notice.

Name:

Message:

Submit Next

Location  
27 Jane Street, John Doe  
TS 5000027

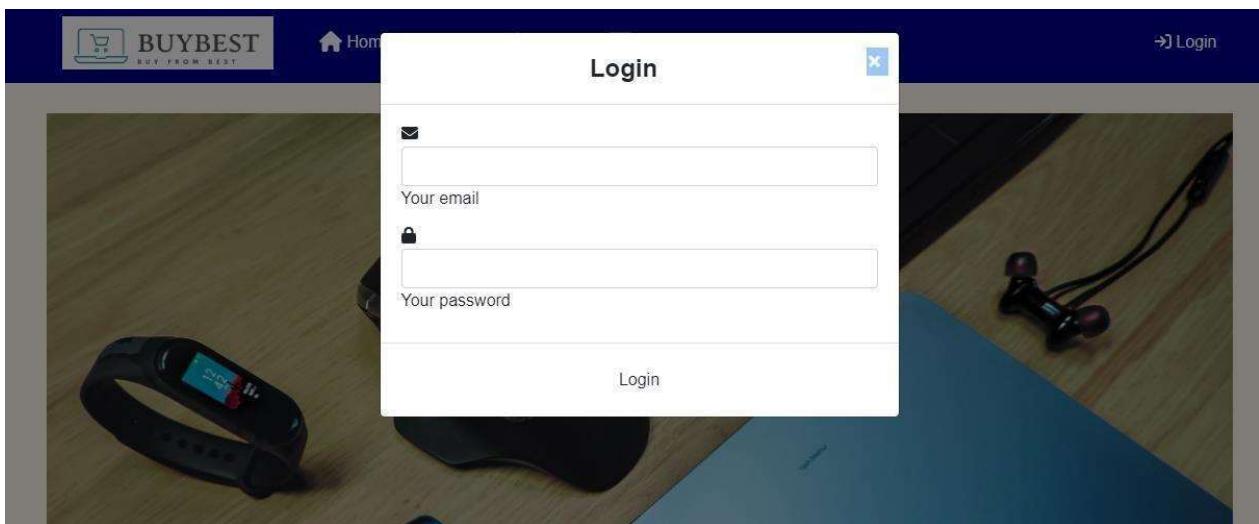
Around the Web About

[f](#) [t](#) [in](#)

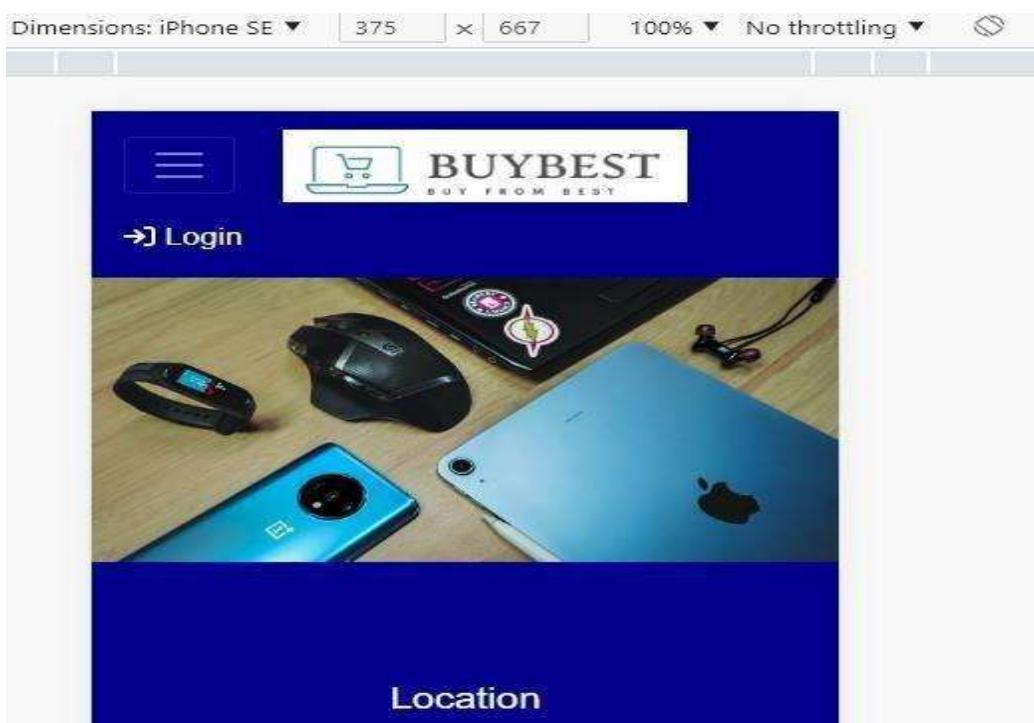
Buy Best

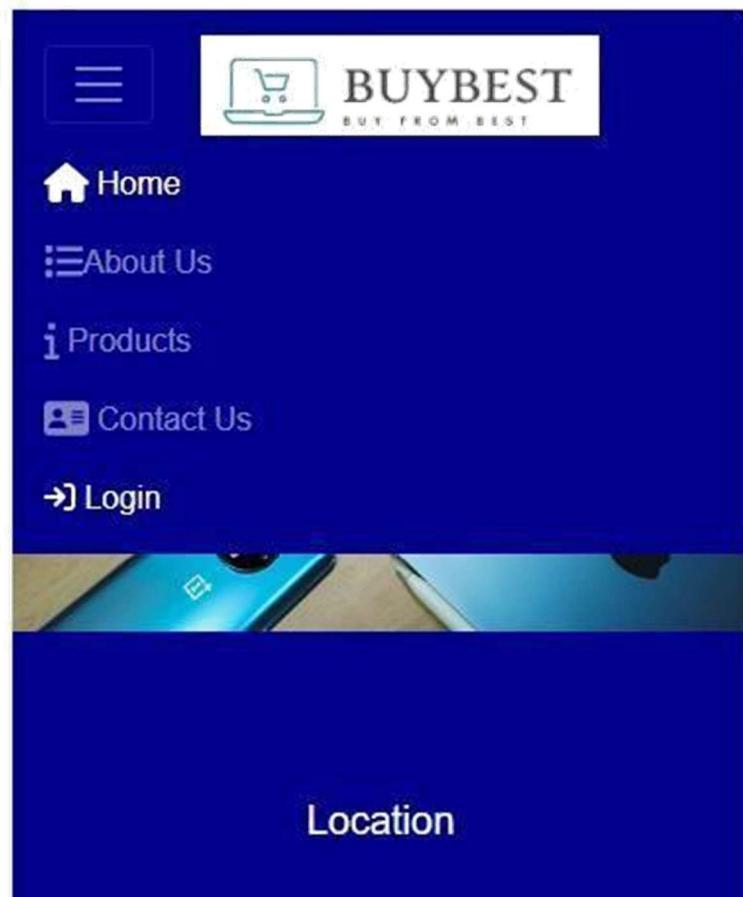
Copyright © John Doe 2022

## Login



## Mobile screens -





## Lab Experiment 6

### Lab6.js

```
import React, { useState, useEffect } from 'react'; import axios
from 'axios';

const Lab6 = () => {
  const [weather, setWeather] = useState(null); const [loading,
  setLoading] = useState(true); const [error, setError] =
  useState(null);

  const city = "Hyderabad"; //Replace with any city name
  const apiKey = '61a1d8419f9d307924240958d89e284d'; // Replace with
  your actual OpenWeatherMap API key

  useEffect(() => {
    const fetchWeather = async () => { try
      { const response = await axios.get(
        `https://api.openweathermap.org/data/2.5/weather?q=${city}&appid=${apiKey}`
      );
        setWeather(response.data); setLoading(false);
      } catch (err) { setError(err); setLoading(false);
      }
    };

    fetchWeather();
  }, []);

  if (loading) return <p>Loading weather...</p>;
  if (error) return <p>Error fetching weather: {error.message}</p>

  return (
    <div>
      <h2>Weather in {weather.name}</h2>
      <p>Temperature: {(weather.main.temp - 273.15).toFixed(2)} °C</p>
      <p>Condition: {weather.weather[0].description}</p>
    </div>
  );
};

export default Lab6;
```

App.js

```
import './App.css';
import Lab6 from './components/Lab6';

function App() { return (
<div className="App">
<header className="App-header">
<Lab6/>
</header>
</div>
);
export default App;
```

Expected Output:

## Experiment - 7

Update the 'contact us' page to a ReactJS component. An email should be sent each time contact us form is submitted

EmailForm.js

```
import React, { useState } from 'react';
import './Emailform.css'; // Make sure to import the CSS file

const formConfig = [
  { id: 1, type: "text", name: "firstName", placeholder: "First Name" },
  { id: 2, type: "text", name: "lastName", placeholder: "Last Name" },
  { id: 3, type: "email", name: "email", placeholder: "Email" },
  { id: 4, type: "textarea", name: "message", placeholder: "Message" }
];

// Custom Dynamic Input Component
function InputField({ type, name, placeholder, value, onChange }) {
  if (type === "textarea") {
    return (
      <textarea
        className="form-textarea"
        name={name}
        placeholder={placeholder}
        value={value}
        onChange={onChange}
        required
      />
    );
  }

  return (
    <input
      className="form-input"
      type={type}
      name={name}
      placeholder={placeholder}
    )
}

return (
  <form>
    {formConfig.map((config) => (
      <InputField
        key={config.id}
        type={config.type}
        name={config.name}
        placeholder={config.placeholder}
        value={value}
        onChange={onChange}
      />
    ))}
  </form>
)
```

```

    value={value}
    onChange={onChange}
    required
  />
);

}

const EmailForm = () => {
  const [formData, setFormData] = useState({
    firstName: '',
    lastName: '',
    email: '',
    message: ''
  });

  const handleChange = (e) => {
    const { name, value } = e.target;
    setFormData((prevData) => ({
      ...prevData,
      [name]: value
    }));
  };

  const handleSubmit = (e) => {
    e.preventDefault();

    // Print form data to console
    console.log('Form Data:', formData);

    // Clear the form fields
    setFormData({ firstName:
      '', lastName: '', email: '',

```

message: "

```

    });

    // Alert the user
    alert('Form submitted successfully!');

};

return (
  <div className="form-container">
    <form className="email-form"
      onSubmit={handleSubmit}> {formConfig.map((field) => (
        <div className="form-field" key={field.id}>
          <label className="form-label">
            {field.placeholder};
            <InputField
              type={field.type}
              name={field.name}
              placeholder={field.placeholder}
              value={formData[field.name]}
              onChange={handleChange}
            />
          </label>
        </div>
      ))}
      <button className="form-button"
        type="submit">Send</button> </form>
  </div>
);
};

export default EmailForm;

```

EmailForm.css

```

.form-container {
  max-width: 600px;

```

margin: 0 auto;

```
padding: 20px;  
background-color: #f9f9f9;  
border: 1px solid #ddd;  
border-radius: 8px;  
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
}
```

```
.email-form {  
display: flex;  
flex-direction: column;  
}
```

```
.form-field {  
margin-bottom: 15px;  
}
```

```
.form-label {  
font-weight: bold;  
margin-bottom: 5px;  
display: block;  
}
```

```
.form-input,  
.form-textarea {  
width: 100%;  
padding: 10px;  
border: 1px solid #ccc;  
border-radius: 4px;  
box-sizing: border-box;  
font-size: 16px;  
}
```

```
.form-input:focus,  
.form-textarea:focus {
```

border-color: #007BFF;

```
outline: none;  
}  
  
.form-textarea {  
    resize: vertical;  
    height: 100px;  
}  
  
.form-button {  
    padding: 10px 20px;  
    background-color: #007BFF;  
    color: white;  
    border: none;  
    border-radius: 4px;  
    cursor: pointer;  
    font-size: 16px;  
}  
  
.form-button:hover {  
    background-color: #0056b3;  
}
```

## App.js

```
import React from 'react';  
  
import EmailForm from './components/From';  
  
const App = () => {  
    return (  
        <div>  
            <EmailForm/>  
        </div>  
    );  
};  
  
export default App;
```

## Expected Output:

A screenshot of a web browser window showing a contact form. The URL in the address bar is "localhost:3000". The form has four fields: "First Name" (Jhon), "Last Name" (Doe), "Email" (johndoe@kmit.in), and "Message" (Front End Web Development is just Awesome !). Below the form is a large blue "Send" button.

A screenshot of a web browser window showing the same contact form as above. A modal dialog box is overlaid on the page, centered. The dialog box has a title "localhost:3000 says" and the message "Form submitted successfully!". It also features a blue "OK" button. The rest of the form fields and the "Send" button are visible below the dialog.

## Lab Experiment 8

**Add a Login component using ReactJs. User should be able to login, using pre-defind logins.  
Session should be maintained using react hooks.**

To create a login component in React that uses predefined logins and maintains a session using hooks, follow these steps:

1. Set Up the Project
2. Create a Context for Authentication
3. Create the Login Component
4. Create a Component to Display After Login
5. Integrate Everything in the App Component

### **Set Up the Project**

Ensure you have a React project set up. If not, create one using Create React App:

```
npx create-react-app login-app
```

```
cd login-app
```

```
npm start
```

### **Create a Context for Authentication**

We'll create a context to manage authentication state and session.

**src/AuthContext.js**

Manages the authentication state and provides login and logout functions.

```
import React, { createContext, useState, useEffect } from 'react';

// Create a context for authentication export const AuthContext = createContext();

const AuthProvider = ({ children }) => { const [user, setUser] = useState(null);

// Load user from localStorage if available useEffect(() => {
const storedUser = localStorage.getItem('user'); if (storedUser)
{ setUser(JSON.parse(storedUser)); }

}, []);

const login = (username, password) => {
// Define pre-defined users const predefinedUsers =
[ { username: 'user1', password: 'pass1' },
```

```

if (user) { setUser(user);

localStorage.setItem('user', JSON.stringify(user)); return true;
}

return false;
};

const logout = () => { setUser(null);
localStorage.removeItem('user'); }

return (
<AuthContext.Provider value={{ user, login, logout }}>
{children}

```

### Create the Login Component

Next, create the Login component that uses the AuthContext to handle login.

#### src/Login.js

Handles user input for username and password, and attempts to log in using the AuthContext.

```
import React, { useState, useContext } from 'react'; import { AuthContext } from './AuthContext';
```

```

const Login = () => {

const [username, setUsername] = useState(""); const [password, setPassword] = useState("");
const [error, setError] = useState(""); const { login } = useContext(AuthContext);

const handleSubmit = (e) => { e.preventDefault();

if (login(username, password)) { setError("");

// Redirect or update the UI as
needed } else {
setError('Invalid username or password');
}
};

return (
<div>
```

```
onChange={(e) => setUsername(e.target.value)}  
/>  
</div>  
<div>  
<label>Password: </label>  
<input  
type="password" value={password}  
onChange={(e) => setPassword(e.target.value)}  
/>  
</div>  
<button type="submit">Login</button>
```

### Create a Component to Display After Login

We'll create a simple component that displays a welcome message and a logout button.

#### src/Home.js

Displays a welcome message and a logout button for logged-in users.

```
import React, { useContext } from 'react'; import { AuthContext } from './AuthContext';  
  
const Home = () => {  
  const { user, logout } = useContext(AuthContext);  
  
  return (  
    <div>  
      <h2>Welcome, {user.username}!</h2>  
      <button onClick={logout}>Logout</button>  
    </div>  
  );  
};
```

### Integrate Everything in the App Component

Finally, we'll integrate the Login and Home components in the App component, and conditionally render them based on the authentication state.

#### src/App.js

Conditionally renders the Login or Home component based on the user's authentication

```
state. import React, { useContext } from 'react';  
  
import AuthProvider, { AuthContext } from './AuthContext'; import Login from  
'./Login'; import Home from './Home';
```

```
function App() {  
  const { user } = useContext(AuthContext);  
  
  return (  
    <div className="App">  
      {user ? <Home /> : <Login />}  
    </div>  
  );  
}
```

## Experiment - 9

Each page in the site should be a React JS component and the elements in each page should be child components

```
src/
└── components/
    ├── Header.js
    ├── Footer.js
    └── Home/
        ├── Home.js
        ├── HomeChild1.js
        └── HomeChild2.js
    └── About/
        ├── About.js
        ├── AboutChild1.js
        └── AboutChild2.js
    └── Contact/
        ├── Contact.js
        ├── ContactChild1.js
        └── ContactChild2.js
└── App.js
└── index.js
```

Header.js

```
import React from 'react';

const Header = () => {

    return (
        <header>
            <h1>My Website</h1>
            <nav>
                <a href="/">Home</a>
                <a href="/about">About</a>
                <a href="/contact">Contact</a>
            </nav>
        </header>
    );
};

export default Header;
```

Footer.js

```
import React from 'react';
```

```
const Footer = () => {
  return <footer>© 2024 My Website</footer>;
};

export default Footer;

Home/Home.js

import React from 'react';

import HomeChild1 from './HomeChild1';
import HomeChild2 from './HomeChild2';

const Home = () => {
  return (
    <div>
      <h2>Home Page</h2>
      <HomeChild1 />
      <HomeChild2 />
    </div>
  );
};

export default Home;

Home/HomeChild1.js

import React from 'react';

const HomeChild1 = () => {
  return <div>Home Child 1 Content</div>;
};

export default HomeChild1;

Home/HomeChild2.js

import React from 'react';

const HomeChild2 = () => {
  return <div>Home Child 2 Content</div>;
};

export default HomeChild2;

About/Abuot.js
```

```

import React from 'react';

import AboutChild1 from './AboutChild1';
import AboutChild2 from './AboutChild2';

const About = () => {
  return (
    <div>
      <h2>About Page</h2>
      <AboutChild1 /> <AboutChild2 /> </div>
    );
};

export default About;

About/Aboutchild1.js

import React from 'react';
const AboutChild1 = () => {
  return <div>About Child 1 Content</div>;
};

export default AboutChild1;

About/Aboutchild2.js

import React from 'react';
const AboutChild2 = () => {
  return <div>About Child 2 Content</div>;
};

export default AboutChild2;

Apps.js

import React from 'react';

import Home from './components/Home/Home';

const App = () => {
  return (
    <div>

```

```
<Home/>
</div>
);
};

export default App;
```

Expected Output:



## Experiment – 10

React Routing should be used to take care of routing from browser location bar and also from Navbar App.js

```
import React from 'react';

import { BrowserRouter as Router, Route, Routes } from 'react-router-dom';
import Home from './components/Home'; import About from './components/About';
import Contact from './components/Contact';

import Navbar from './components/Navbar';

function App() {
  return (
    <Router>
      <div>
        <Navbar />
        <Routes>
          <Route path="/" element={<Home />} /> <Route
            path="/about" element={<About />} /> <Route
            path="/contact" element={<Contact />} />
        </Routes>
      </div>
    </Router>
  );
}

export default App;
```

### Home.js

```
import React from 'react';
```

```
const Home = () => {
  return (
    <div>
      <h1>Home Page</h1>
      <p>Welcome to the Home page!</p>
    </div>
  );
}

export default Home;
```

### About.js

```
import React from 'react';

const About = () => {
  return (
    <div>
      <h1>About Page</h1>
      <p>Welcome to the About page!</p>
    </div>
  );
}

export default About;
```

### Contact.js

```
import React from 'react';

const Contact = () => {
```

```
return (
  <div>
    <h1>Contact Page</h1>
    <p>Welcome to the Contact page!</p>
  </div>
);

}

export default Contact;
```

Expected Output:



Welcome to the Home page!



## About Page

Welcome to the About page!



## Contact Page

Welcome to the Contact page!