EXPERIMENT 1

1. Create your portfolio page using HTML tags.

index.html –

```
<!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>
<img src="profile.jpg" width="15%">
<h3>Email: janedoe@johndoe.com</h3>
<h3>Mobile Number: 000-000-0000</h3>
<hr width="100%">
<h3>Career Objective</h3>
<p>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>

<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/Percentage</th>
   </tr>
   <tr>
      <td>Bachelor of Technology (Computer Science)</td>
      <td>Keshav Memorial Institute of Technology</td>
      <td>J N T U H</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>School of Secondary 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>
   <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.
   </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.
   </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.
   </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 professional development

Academic Information

Course Details	Institution	University/Board	Year of Passing	CGPA/Percentage
Bachelor of Technology (Computer Science)	Keshav Memorial Institute of Technology	J N T U H	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
- 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 obcaecati nam, suscipit magnam commodi impedit eos laboriosam nesciunt dolor 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 obcaecati nam, suscipit magnam commodi impedit eos laboriosam nesciunt dolor 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 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

EXPERIMENT 2

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

index.html –

```
<!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>
   <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>
</head>
<body>
    <img class="profile" src="profile.jpg">
    <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>
    <p>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>
    <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>
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            <td>7.32</td>
        </tr>
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            <td>JNTUH</td>
            <td>2017</td>
            <td>93.9%</td>
        </tr>
        <tr>
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            <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>
    <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>
<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.
    </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.
    </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.
    </div>
</div>
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    <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

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Technical Skills

Programming Languages

- C
- Java
- Python

Databases

- MySQL

Web Technologies

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

Projects

Project Title 1
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.

Project Title 2
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.

Project Title 3
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:

Submit

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 –

```
│   index.html
├──css
│       └mystyle.css
└──img
        └profile.jpg
```

mystyle.css –

```
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%;
}
```

index.html –

```
<!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>
   <img class="profile" src="img/profile.jpg">
   <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>
   <p>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>
   <h3>Academic Information</h3>
   <table border="3" id="score">
      <tr>
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         <th>Institution</th>
         <th>University/Board</th>
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      </tr>
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      </tr>
   </table>
   <h3>Technical Skills</h3>
   <h4>Programming Languages</h4>
   <ul>
      <li>C</li>
```

```
    <li>Java</li>
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  <ul>
    <li>HTML</li>
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    <li>Node</li>
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    <li>PHP</li>
  </ul>
  <h3>Projects</h3>
  <div>
    <div class="proj">
      <b>Project Title 1</b><br>
      <b>Technical Stack:</b> MERN<br>
      <p>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>
      <p>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>
      <p>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>
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    <li>Participated in Street Cause</li>
  </ol>
  <h3>Strengths</h3>
  <ul>
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    <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>
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   <h3>Contact Me</h3>
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      <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

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Technical Skills

Programming Languages

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- HTML
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- PHP

Projects

Project Title 1
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.

Project Title 2
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.

Project Title 3
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.

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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:

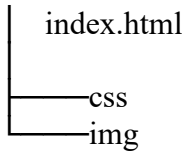
Message:

Submit

EXPERIMENT 4

4. Update the portfolio page to use Bootstrap.

FOLDER STRUCTURE –



mystyle.css –

```
body {
   background-color: #fcf8e8;
   padding: 0;
   margin: 0;
}

.row {
   padding-top: 4rem;
   margin: 0;
}

.footer {
   background-color: #bd5d38;
   margin: 0;
   padding: 20px 0;
   color: white;
}

.copyright {
   background-color: #9e3208;
   padding: 10px 0;
   text-align: center;
}

.address {
   font-size: 80%;
   margin: 0;
   color: #0f0f0f;
}

.img-profile {
   border: 0.5rem solid #c8927f;
}

#contact {
   margin-bottom: 2rem;
}

.navbar {
   background-color: #bd5d38;
   color: white;
```

```
    z-index: 1;
}

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

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"></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: #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>
      </div>
      <div class="col-sm-3">
         <img class="img-fluid img-profile rounded-circle mx-auto mb-2 proimage" src="img/profile.jpg" alt="Profile Image" />
```

```
    </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</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>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>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">Technical Skills</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 class="row" id="projects">
        <div class="col-sm-12">
          <h1 class="display-4">Projects</h1>
        </div>
      </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 incidunt 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 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>
      </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-->
          <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">
              This is a simple portfolio page of Jane Doe.
            </p>
          </div>
        </div>
      </div>
    </footer>

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

```
    </div>
</div>
</body>
</html>
```

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

About Academics Technical skills Projects Achievements Contact Me

Technical Skills

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 incidunt 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

About Academics Technical skills Projects Achievements Contact Me

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

About Academics Technical skills Projects Achievements Contact Me

Contact Me

Name:

Message:

Submit

Location

27 Jane Street, Jane Doe
TS 5000027

Around the Web

About

This is a simple portfolio page of Jane Doe.

Copyright © Jane Doe 2022

EXPERIMENT 5

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

Folder Structure –

```
|   index.html
|   readme.txt
|
|---css
|---imgs
|---aboutus.html
|---contactus.html
|---gallery.html
|---index.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;
}
```

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"></script>
  <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"></script>
  <!-- Font Awesome icons (free version)-->
  <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js" crossorigin="anonymous"></script>
  <link href="css/mystyle.css" rel="stylesheet">
</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="#">
        <img src="imgs/logo.jpg" width="85%" height="65%">
      </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>
        <span class="navbar-text">
          <a data-toggle="modal" data-target="#loginModal">
            <span class="fa fa-sign-in"></span> Login
          </a>
        </span>
      </div>
    </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>

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

```
    <!-- Copyright Section-->
    <div class="copyright py-4 text-center text-white">
        <div class="container">
            <small>Copyright &copy; John Doe 2022</small>
        </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>
   <!-- Font Awesome icons (free version)-->
   <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js" crossorigin="anonymous"></script>
   <link href="css/mystyle.css" rel="stylesheet">
</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="#">
            <img src="imgs/logo.jpg" width="85%" height="65%">
         </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 active"><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-3">
            <div class="media">
               <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/1.jpg" alt="sider">
            </div>
         </div>
         <div class="col-12 col-sm-3">
            <div class="media">
               <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/2.jpg" alt="sider">
            </div>
         </div>
         <div class="col-12 col-sm-3">
            <div class="media">
```

```
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/3.jpg" alt="sider">
        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/4.jpg" alt="sider">
        </div>
    </div>
</div>

<div class="row">
    <div class="col-12 col-sm-3">
        <div class="media">
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/5.jpg" alt="sider">
        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/6.jpg" alt="sider">
        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/7.jpg" alt="sider">
        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/8.jpg" alt="sider">
        </div>
    </div>
</div>

<div class="row">
    <div class="col-12 col-sm-3">
        <div class="media">
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/9.jpg" alt="sider">
        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/10.jpg" alt="sider">
        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/11.jpg" alt="sider">
        </div>
    </div>
    <div class="col-12 col-sm-3">
        <div class="media">
            <img class="d-flex mr-3 img-thumbnail align-self-center" src="imgs/12.jpg" alt="sider">
        </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 &copy; John Doe 2022</small>
        </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>
  <!-- Font Awesome icons (free version)-->
  <script src="https://use.fontawesome.com/releases/v6.1.0/js/all.js" crossorigin="anonymous"></script>
  <link href="css/mystyle.css" rel="stylesheet">
</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="#">
        <img src="imgs/logo.jpg" width="85%" height="65%">
      </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.</p>
        <p>We are dedicated to giving you the very best, with a focus on dependability, customer service, and uniqueness.</p>
        <p>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. If you have any questions or comments, please don't hesitate to contact us.</p>
        <p>Sincerely,<br>Chaithra R,<br>CEO</p>
```

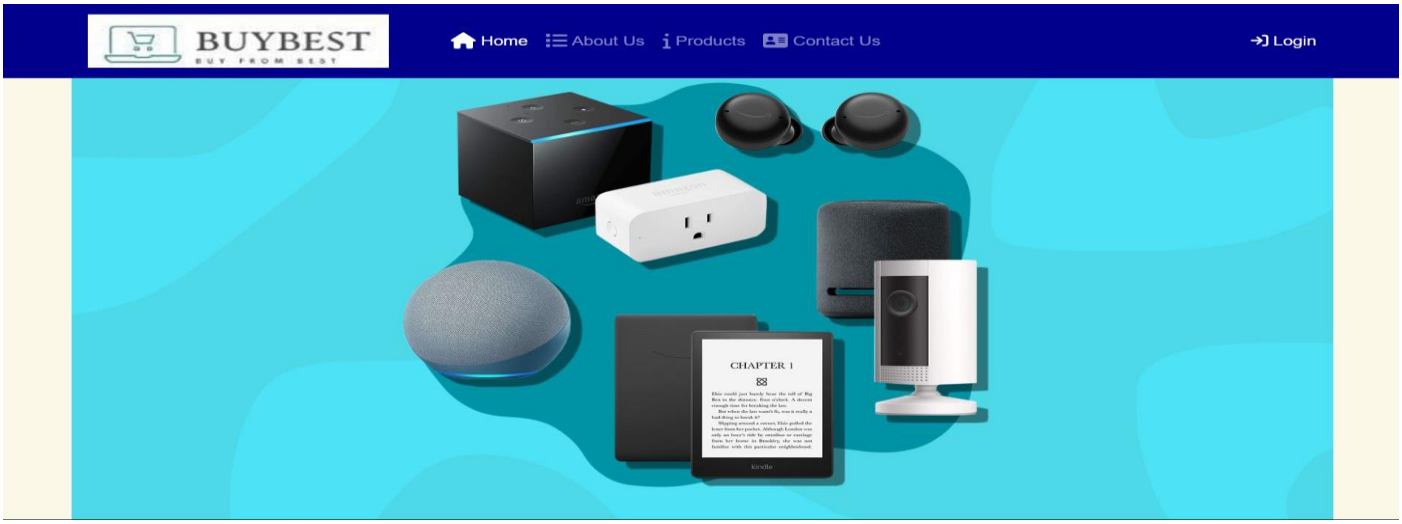
```
        </div>
      </div>
    </div>

    <!-- 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 &copy; John Doe 2022</small>
      </div>
    </div>
  </body>
</html>
```

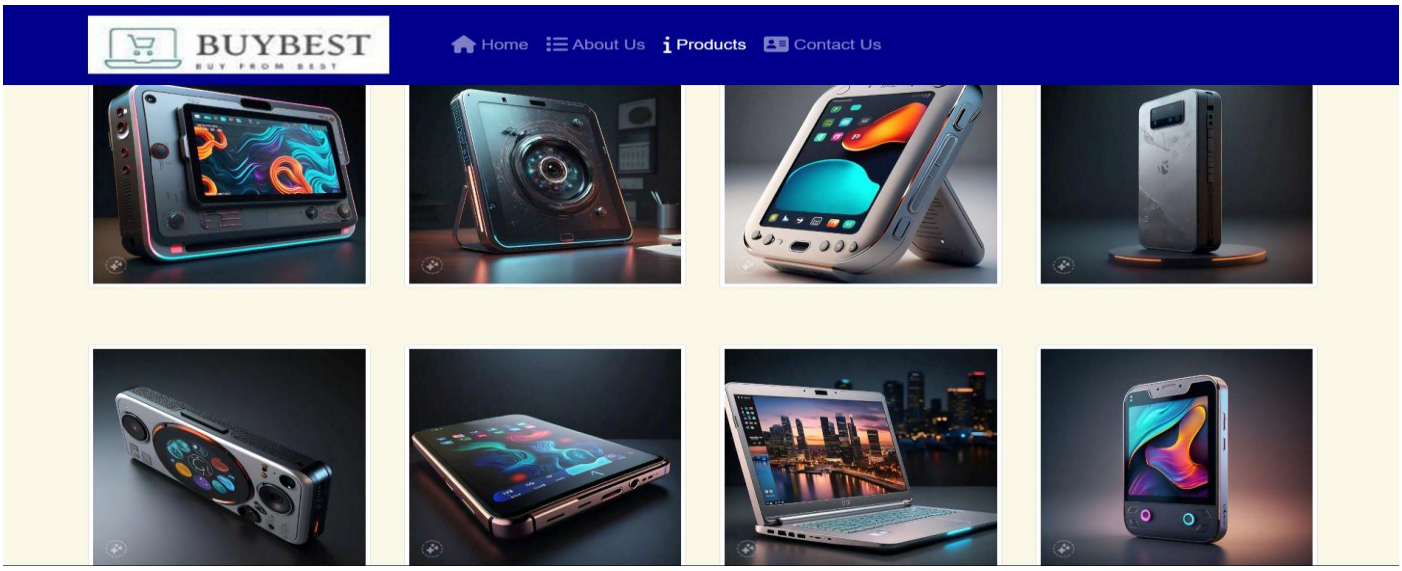
contactus.html –

```
<!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="#">
            <img src="imgs/logo.jpg" width="85%" height="65%">
         </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">
      <br>
      <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">
```

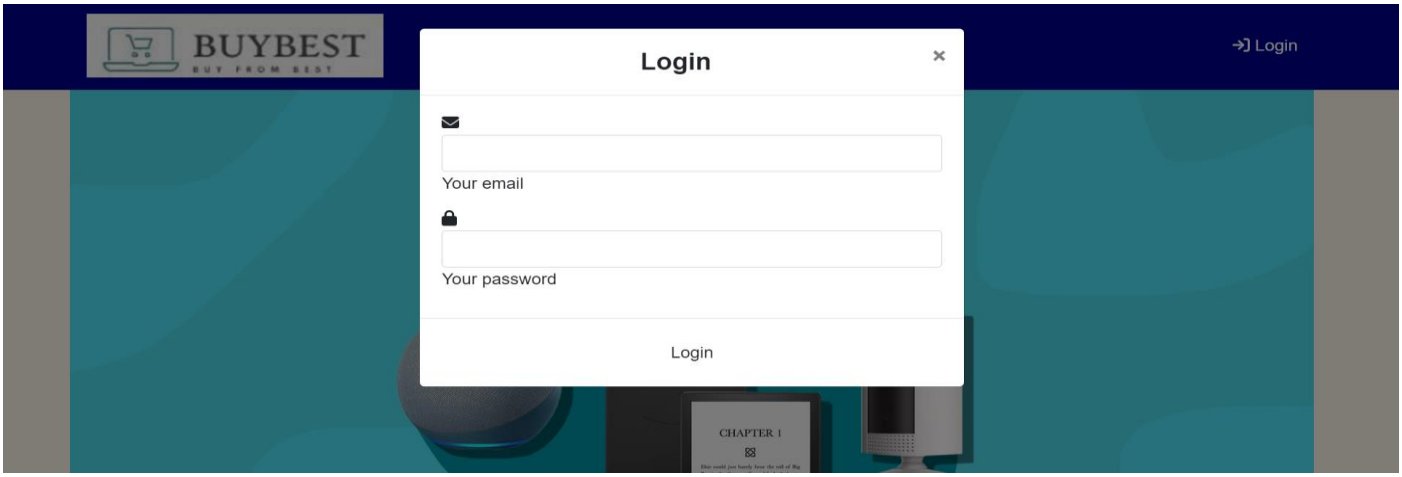
```
                </form>
              </div>
            </div>
          </div>
        </div>
      </div>

      <!-- 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 &copy; John Doe 2022</small></div>
      </div>
    </body>
    </html>
```

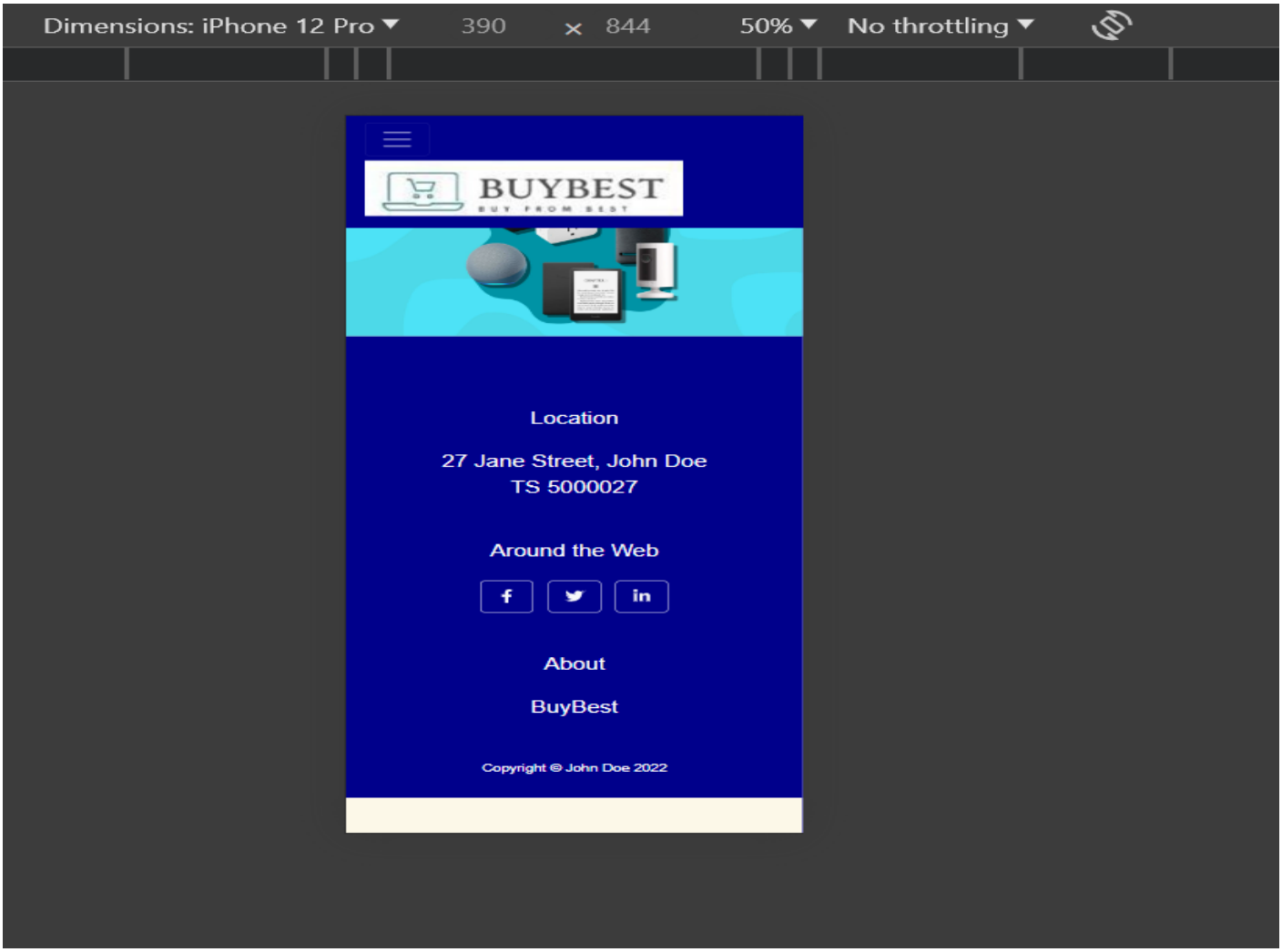
EXPECTED OUTPUT:





BUYBEST
Home
About Us
Products
Contact Us
Contact Us
Name:
Message:
Submit
Location
27 Jane Street, John Doe
TS 5000027
Around the Web
About
Buy Best
Copyright © John Doe 2022


BUYBEST
Login
Login
Your email
Your password
Login


Dimensions: iPhone 12 Pro
390
844
50%
No throttling
BUYBEST
Location
27 Jane Street, John Doe
TS 5000027
Around the Web
About
BuyBest
Copyright © John Doe 2022

EXPERIMENT 6

6. Add a weather component to the home page of the above website, using ReactJS.

PROJECT STRUCTURE –

```
my-app/
├── public/
├── src/
│   ├── components/
│   │   └── Lab6.js
│   ├── App.js
│   └── index.js
└── package.json
```

App.js –

```
import React from 'react';
import Lab6 from './components/Lab6';

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

export default App;
```

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 = '493b7f82b397903fd2201ac34b55d9b2'; // 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;
```

EXPECTED OUTPUT:

Weather in Hyderabad

Temperature: 26.73°C

Condition: haze

EXPERIMENT 7

7. Update the ‘contact us’ page to a ReactJS component. An email should be sent each time the Contact Us form is submitted.

PROJECT STRUCTURE –

```
my-app/
├── public/
├── src/
│   ├── components/
│   │   ├── EmailForm.js
│   │   └── EmailForm.css
│   ├── App.js
│   └── index.js
└── package.json
```

App.js –

```
import React from 'react';
import EmailForm from './components/EmailForm';

const App = () => {
  return (
    <div>
      <EmailForm />
    </div>
  );
};

export default App;
```

EmailForm.js –

```
import React, { useState } from 'react';
import './EmailForm.css';
import emailjs from 'emailjs-com';

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" },
];

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}
      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
    }));
  };
```

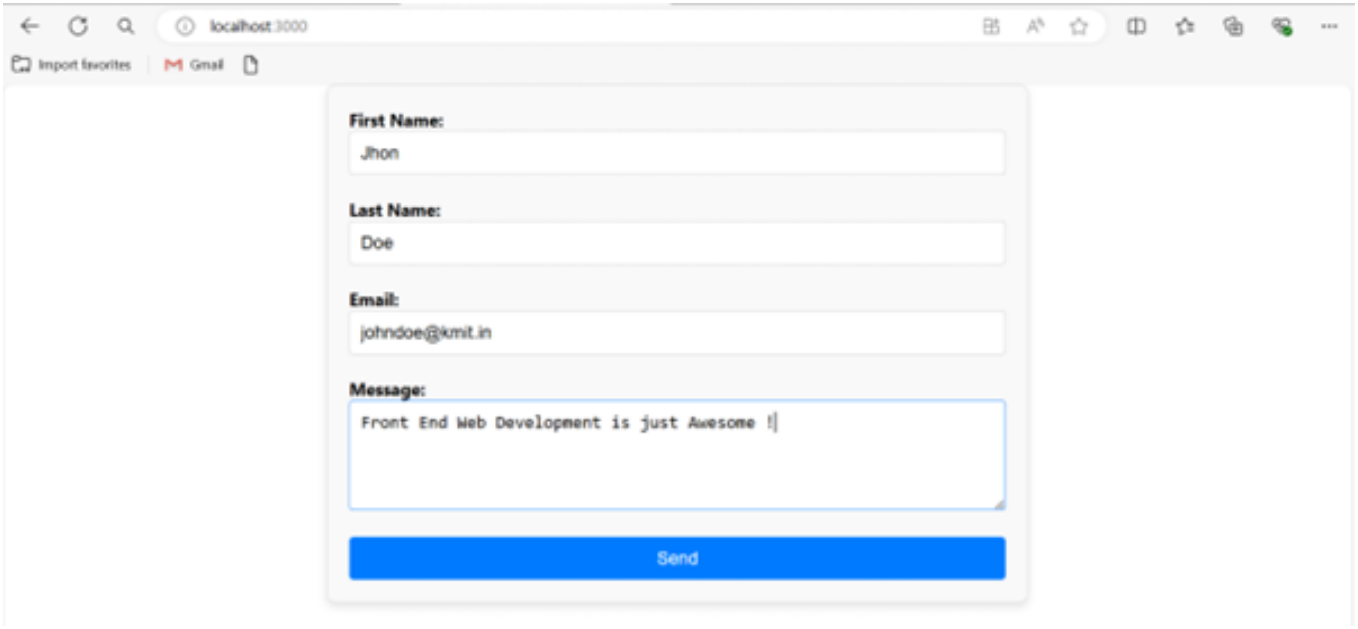
```
  const handleSubmit = (e) => {
    e.preventDefault();

    const templateParams = {
      from_name: `${formData.firstName} ${formData.lastName}`,
      from_email: formData.email,
      message: formData.message,
    };

    emailjs.send('Your_Service_ID', 'Your_Template_ID', templateParams, 'Your_User_ID')
      .then((result) => {
        console.log(result.text);
        alert('Email sent successfully!', result);
        setFormData({
          firstName: '',
          lastName: '',
          email: '',
          message: ''
        });
      }, (error) => {
        console.log(error.text);
        alert('Failed to send email.');
      });
  };

  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;
```

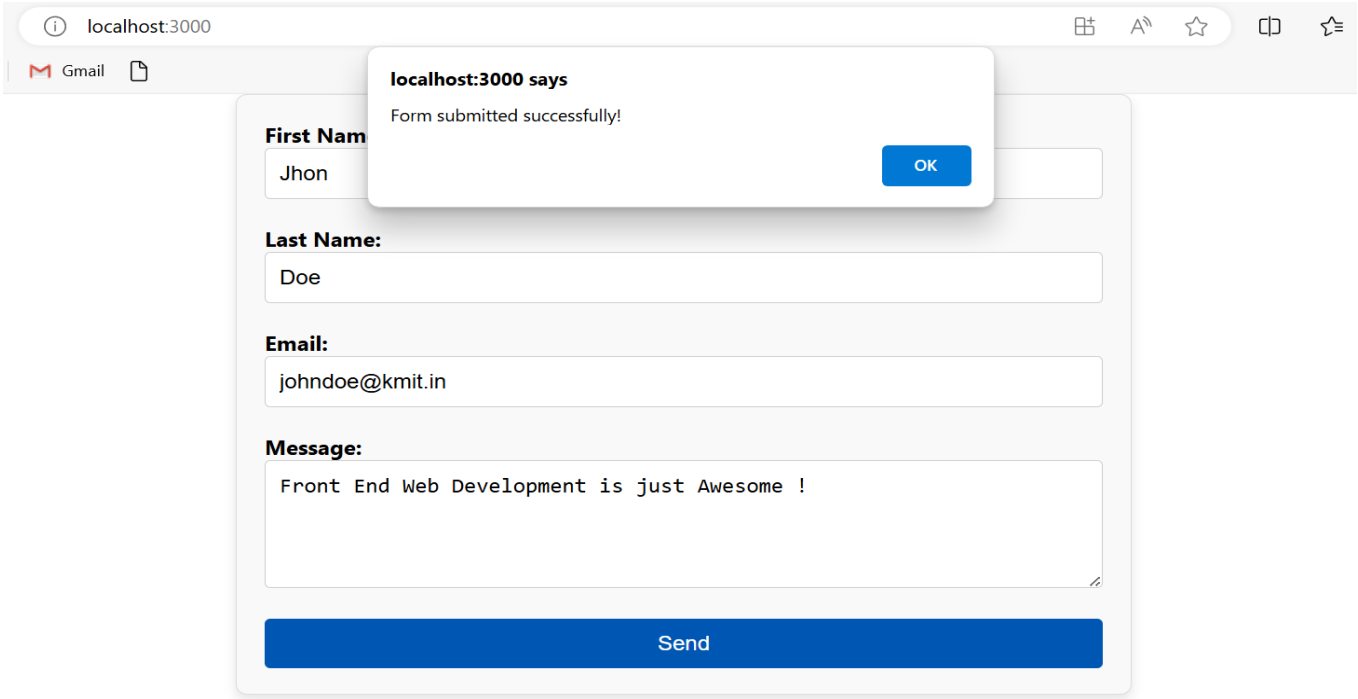
EmailForm.css –

```
.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;
}
```

EXPECTED OUTPUT:





EXPERIMENT 8

8. Add a Login component using ReactJs. Users should be able to log in, in using pre-defined logins. The session should be maintained using react hooks.

PROJECT STRUCTURE –

```
login-app/
├── node_modules/
├── public/
├── src/
│   ├── components/
│   │   ├── AuthContext.js
│   │   ├── Login.js
│   │   └── Home.js
│   ├── App.js
│   └── index.js
├── package.json
└── README.md
```

App.js

```
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>
  );
}

export default function AppWrapper() {
  return (
    <AuthProvider>
      <App />
    </AuthProvider>
  );
}
```

Home.js –

```
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>
  );
};

export default Home;
```

Login.js –

```
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>
      <h2>Login</h2>
      <form onSubmit={handleSubmit}>
        <div>
          <label>Username: </label>
          <input
            type="text"
            value={username}
            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>
      </form>
      {error && <p style={{ color: 'red' }}>{error}</p>}
    </div>
  );
};

export default Login;
```

AuthContext.js –

```
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' },
      { username: 'user2', password: 'pass2' },
    ];
    const user = predefinedUsers.find(
      (u) => u.username === username && u.password === password
    );
    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}
    </AuthContext.Provider>
  );
};

export default AuthProvider;
```

EXPECTED OUTPUT:

Login

Username:
Password:
Login

Welcome, user1!

Logout

EXPERIMENT 9

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

PROJECT STRUCTURE –

```
login-app/
├── node_modules/
├── public/
├── 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
├── package.json
└── README.md
```

App.js –

```
import React from 'react';
import Header from './components/Header';
import Footer from './components/Footer';
import Home from './components/Home/Home';
import About from './components/About/About';
import Contact from './components/Contact/Contact';

const App = () => {
  const [page, setPage] = React.useState('home');

  const renderPage = () => {
    switch (page) {
      case 'about':
        return <About />;
      case 'contact':
        return <Contact />;
      default:
```

```
      return <Home />;
    }
  };

  return (
    <div>
      <Header setPage={setPage} />
      {renderPage()}
      <Footer />
    </div>
  );
};

export default App;
```

index.js –

```
import React from 'react';
import ReactDOM from 'react-dom';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';

ReactDOM.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>,
  document.getElementById('root')
);

reportWebVitals();
```

Header.js –

```
import React from 'react';

const Header = ({ setPage }) => {
  return (
    <header>
      <h1>My Website</h1>
      <nav>
        <a href="#" onClick={() => setPage('home')}>Home</a>
        <a href="#" onClick={() => setPage('about')}>About</a>
        <a href="#" onClick={() => setPage('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.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;
```

HomeChild1.js –

```
import React from 'react';

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

export default HomeChild1;
```

HomeChild2.js –

```
import React from 'react';

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

export default HomeChild2;
```

About.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;
```

AboutChild1.js –

```
import React from 'react';

const AboutChild1 = () => {
  return <div>About Child 1 Content</div>;
};

export default AboutChild1;
```

AboutChild2.js –

```
import React from 'react';

const AboutChild2 = () => {
  return <div>About Child 2 Content</div>;
};

export default AboutChild2;
```

Contact.js –

```
import React from 'react';
import ContactChild1 from './ContactChild1';
import ContactChild2 from './ContactChild2';

const Contact = () => {
  return (
    <div>
      <h2>Contact Page</h2>
      <ContactChild1 />
      <ContactChild2 />
    </div>
  );
};

export default Contact;
```

ContactChild1.js –

```
import React from 'react';

const ContactChild1 = () => {
  return <div>Contact Child 1 Content</div>;
};

export default ContactChild1;
```

ContactChild2.js –

```
import React from 'react';

const ContactChild2 = () => {
  return <div>Contact Child 2 Content</div>;
};

export default ContactChild2;
```

EXPECTED OUTPUT:

My Website

HomeAboutContact

Home Page

Home Child 1 Content
Home Child 2 Content
© 2024 My Website

My Website

HomeAboutContact

About Page

About Child 1 Content
About Child 2 Content
© 2024 My Website

My Website

HomeAboutContact

Contact Page

Contact Child 1 Content
Contact Child 2 Content
© 2024 My Website

EXPERIMENT 10

10. React Routing should be used to take care of routing from the browser location bar and from the Navbar.

PROJECT STRUCTURE –

```
login-app/
├── node_modules/
├── public/
├── src/
│   ├── components/
│   │   ├── Navbar.js
│   │   ├── Home.js
│   │   ├── About.js
│   │   └── Contact.js
│   ├── App.js
│   └── index.js
├── package.json
└── README.md
```

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:

- Home
- About
- Contact

Home Page

Welcome to the Home page!

- Home
- About
- Contact

About Page

Welcome to the About page!

- Home
- About
- Contact

Contact Page

Welcome to the Contact page!