```
EXPERIMENT 1:
                                              Self-motivated, focused and dedicated
<!DOCTYPE html>
                                               <h3> Personal profile </h3>
                                              <head><title>Profile Page</title></head>
<body>
                                              <bp>Current
                                              Location</b>:Hyderabad
<h1>Jane Doe</h1>
<img src="profile.jpg" width="15%">
                                              <b>Date of Birth </b> :00-00-
<h3> Email: janedoe@johndoe.com</h3>
                                               2000
<h3> Mobile Number :000-000-0000</h3>
                                              Languages
                                              known</b>English, Telugu,
<hr width="100%">
<h3> Career Objective</h3>
                                               Hindi
Seeking a responsible career opportunity in the field
                                              of Computer Science where I can utilize my logical
                                              </body>
                                              </html>
<h3> Academic Information </h3>
EXPERIMENT 2:
Course Details
                                              <!DOCTYPE html>
Institution
                                              <html>
                                              <head><title>Profile Page</title></head>
CGPA
<style>
Bachelor of Technology(Computer)
                                              body {
Science)
                                               margin: 0;
Keshav Memorial Institute of Technology
                                               font-family: Arial, Helvetica, sans-serif;
                                               font-size: 12px;
7.32
                                               line-height: 20px;
background-color: #FCF8E8;
Intermediate-MPC
Narayana Junior College, TS
                                               margin: 10px;
 93.9\% 
                                               } .profile {
                                              box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.735);
School of Secondary Certificate
                                               max-width: 15%;
Vijaya Ratna Concept School
                                              display: block;
9.5
                                              margin-left: auto;
margin-right: auto;
<h3> Technical skills </h3>
                                               } th {
<h4> Programming Languages</h4>
                                               padding-top: 12px;
padding-bottom: 12px;
<h4> Databases</h4>
                                               text-align: left;
                                               background-color: #94B49F;
MySOL
<h4>Web Technologies</h4>
                                               color: white;
HTMLCSSReactJS1
                                               text-decoration: solid;
i>BootStrap
                                               } .proj {
<h3> Projects </h3>i>
                                              margin: auto;
<b> Project Title 1</b><br>
                                               width: 30%;
<br/> Technical Stack:</b> MERN <br/> Lorem ipsum
                                              border: 2px solid #DF7861;
dolor, sit amet consectetur adipisicing
                                               padding: 5px;
elit.elit.
                                               float: left;
<b> Project Title 2</b><br>
                                               } </style>
<br/> Technical Stack:</b> MEAN <br/> Lorem ipsum
                                              <body>
dolor, sit amet consectetur adipisicing
                                               <img class="profile" src="img/profile.jpg">
                                               <h1 class="profile-text">Jane Doe</h1>
elit.
<h3> Achievements </h3>
                                              <h3> Email: janedoe@geemail.com</h3>
Certified in DL by Coursera 
                                              <h3> Mobile Number :000-000-0000</h3>
Certified in Hacking course by NPTEL
                                              <hr width="100%">
                                              <h3> Career Objective</h3>
<h3> Strengths </h3>
Positive attitude 
                                               Seeking a responsible career opportunity in the field
                                              of Computer Science where I can utilize my logical
```

```
and technical skills towards personal and professional
                                               <b</td>
development
                                               :Hyderabad
<h3> Academic Information </h3>
                                               <b>Date of Birth </b> 
:00-00-2000
Course Details
                                               <b>Languages known</b>
                                               :English, Telugu, Hindi
Institution
                                               <h3> Contact me</h3>
University/Board
Year of passing
                                               <div id="conform">
CGPA
                                               <form action="mailto:janedoe@geemail.com"</pre>
                                               method="POST" enctype="text/plain"
Bachelor of Technology(Computer)
Science)
                                               name="EmailForm">
Keshav Memorial Institute of Technology
                                               <b>Name: </b> <br/> <input type="text" size="40"
                                               name="ContactName"> <br>
JNTUH
                                               <b> Message: </b> <br/> <textarea
2021
                                               name="ContactComment" rows="6"
7.32
                                               cols="40"></textarea><br>
Intermediate-MPC
                                               <input type="submit" value="Submit">
                                               </form></div>
Narayana Junior College, TS
JNTUH
                                               </body>
2017
                                               </html>
93.9%
EXPERIMENT 3:
<h3> Technical skills </h3>
                                               <!-- Css file - -->
<h4> Programming Languages</h4>
                                               body {
Ii>CJava
                                               margin: 0;
Python
                                               font-family: Arial, Helvetica, sans-serif;
<h4> Databases</h4>
                                               font-size: 12px;
Ii>MySQL
                                               line-height: 20px;
                                               background-color: #FCF8E8;
<h4>Web Technologies</h4>
HTML
                                               margin: 10px;
<|i>CSS</|i>
                                               } .profile {
                                               box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.735);
ReactJS
BootStrap
                                               max-width: 15%;
<h3> Projects </h3> <div>
                                               display: block;
<div class="proj">
                                               margin-left: auto;
<b> Project Title 1</b><br>
                                               margin-right: auto;
<br/> Technical Stack:</b> MERN <br/> Lorem ipsum
                                               } .profile-text{
dolor, sit amet consectetur 
                                               display: block;
</div><div class="proj">
                                               margin-left: auto;
<b>Project Title 2</b><br>
                                               margin-right: auto;
<br/> Technical Stack:</b> MEAN <br/> Lorem ipsum
                                               max-width: 10%;
dolor, sit amet consectetur
                                               } #score {
</div><div class="proj">
                                               font-family: Arial, Helvetica, sans-serif;
<b> Project Title 3</b><br>
                                               border-collapse: collapse;
<br/> Technical Stack:</b> LAMP <br/> Lorem ipsum
                                               width: 70%;
                                               } #score td, #score th {
dolor, sit amet consectetur 
</div></div><h3> Achievements </h3>
                                               border: 1px solid #ddd;
Certified in Neural Networks and Deep
                                               padding: 8px;
Learning by Coursera 
                                               } #score th {
Certified in Ethical Hacking course by NPTEL
                                               padding-top: 12px;
                                               padding-bottom: 12px;
Participated in Scratch Programming Event
in KMIT
                                               text-align: left;
Participated in street cause 
                                               background-color: #94B49F;
<h3> Strengths </h3>Positive attitude
                                               color: white:
Self-motivated, focused and dedicated
                                               text-decoration: solid;
<h3> Personal profile </h3>
                                               }.proj {
```

```
margin: auto;
                                               BootStrap
width: 30%;
                                               ReactJS
border: 2px solid #DF7861;
                                               <h3> Projects </h3>
                                               <div> <div class="proj">
padding: 5px;
float: left;
                                               <b> Project Title 1</b><br>
                                               <b > Technical Stack:</b> MERN <br >
} #conform {
margin: auto;
                                               Lorem ipsum dolor, sit amet consectetur adipisicing
border: 2px solid #DF7861;
                                               elit.</div>
                                               <div class="proj">
padding: 5px;
float: left;
                                               <b> Project Title 2</b><br>>
width: 25%;
                                               <b> Technical Stack:</b> MEAN <br>
                                               Lorem ipsum dolor, sit amet consectetur adipisicing
<!-- Html file - -->
                                               elit.</div>
                                               <div class="proj">
<!DOCTYPE html>
<html lang="en">
                                               <b> Project Title 3</b><br>
                                               <br/>
<br/>
b> Technical Stack:</b> LAMP <br/>
<br/>
br>
<head>
<title>Profile Page</title>
                                               Lorem ipsum dolor, sit amet consectetur adipisicing
<link rel="stylesheet" href="css/mystyle.css" />
                                               elit.</div></div>
                                               <h3> Achievements </h3>
</head>
<body>
                                               Certified in Neural Networks and Deep
<img class="profile" src="img/profile.jpg">
                                               Learning by Coursera 
<h1 class="profile-text">Jane Doe</h1>
                                               Certified in Ethical Hacking course by NPTEL
<h3> Email: janedoe@geemail.com</h3>
                                               </1i>
<h3> Career Objective</h3>
                                               Participated in street cause 
Seeking a responsible career opportunity in the field
                                               <h3> Strengths </h3>
of Computer Science where I can utilize my logical
                                               Positive attitude 
                                               Self-motivated, focused and dedicated
<h3> Academic Information </h3>
                                               <h3> Personal profile </h3>
Course Details
                                               <b>Current Location</b>
                                               :Hyderabad
Institution
University/Board
                                               <bDate of Birth </b> 
Year of passing
                                               :00-00-2000
CGPA
                                               <b>Languages known</b>
:English, Telugu, Hindi
                                               <h3> Contact me</h3>
Bachelor of Technology(Computer)
                                               <div id="conform">
Science)
Keshav Memorial Institute of Technology
                                               <form action="mailto:janedoe@geemail.com"</pre>
                                               method="POST" enctype="text/plain"
JNTUH
                                               name="EmailForm">
2021
                                               <b>Name: </b> <br/> <input type="text" size="40"
7.32
                                               name="ContactName"> <br>
<b > Message: </b > <br > <textarea
Intermediate-MPC
Narayana Junior College, TS
                                               name="ContactComment" rows="6"
                                               cols="40"></textarea><br>
JNTUH
                                               <input type="submit" value="Submit">
2017
                                               </form>
93.9%
</div>
<h3> Technical skills </h3>
                                               </body>
                                               </html>
<h4> Programming Languages</h4>
Java
Python
                                               EXPERIMENT 4:
<h4> Databases</h4>
                                               <!-- img folder should have profile.jpg -->
</ri>
                                               <!-- Index.html -->
<h4>Web Technologies</h4>
                                               <!DOCTYPE html>
<html lang="en">
```

```
<head>
                                                  <h1 class="display-4">Jane Doe</h1>
                                                  <b>
<title>Jane Doe</title>
                                                  janedoe@geemail.com</b>
<!-- Bootstrap CSS -->
                                                  <hr class="my-4">
link rel="stylesheet"
                                                  <b> Career Objective </b> <br/> Seeking a
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/di
st/css/bootstrap.min.css">
                                                  responsible career 
                                                   </div>
<script
                                                  <div class="col-sm-3">
src="https://cdn.jsdelivr.net/npm/jquery@3.6.0/dist/j
query.slim.min.js"></script>
                                                  <img class="img-fluid img-profile rounded-circle</pre>
<script
                                                  mx-auto mb-2
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/di
                                                  proimage" src="img/profile.jpg" alt="..."
st/umd/popper.min.js"></script>
                                                  /></span></div></div>
                                                  <a href="div class="row" id="acads">
<script
                                                  <div class="col-sm-8">
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dis
t/js/bootstrap.bundle.min.js"></script>
                                                  <h1 class="display-4">Academics</h1>
<link href="css/mystyle.css" rel="stylesheet">
                                                  <table id="score" class="table table-striped table-
                                                  bordered">
src="https://use.fontawesome.com/releases/v6.1.0/js/
                                                  Course Details 
                                                  Institution
crossorigin="anonymous"></script>
                                                  University/Board
</head>
                                                  Year of passing
<body>
                                                  CGPA
<nav class="navbar navbar-dark navbar-expand-sm"
                                                  Bachelor of Technology (Computer)
fixed-top" style="background-color: #bd5d38;">
                                                  Science)
<div class="container">
                                                  Keshav Memorial Institute of Technology 
<button class="navbar-toggler" type="button" data-</pre>
                                                  JNTUH
toggle="collapse" data-target="#Navbar">
                                                  2021
<span class="navbar-toggler-icon"> </span>
                                                  7.32
</button>
                                                  Intermediate-MPC 
<div class="collapse navbar-collapse" id="Navbar">
                                                  Narayana Junior College, TS
ul class="navbar-nav mr-auto">
                                                  JNTUH
<a class="nav-link"</pre>
                                                  2017
href="#"><span
                                                  93.9%</div></div>
class="fa fa-home fa-lg"></span> About</a>>
                                                  <div class="row" id="techskills">
                                                  <div class="col-sm-8">
<a class="nav-link"</pre>
href="#acads"><span
                                                  <h1 class="display-4">TechSkills</h1>
                                                  <h4> Programming Languages</h4>
class="fa fa-list fa-lg"></span>Academics</a>
<a class="nav-link"</pre>
                                                  < h4 > Databases < /h4 >
href="#techskills"><span
class="fa fa-list fa-lg"></span>Technical
                                                  MySQL
skills</a>
                                                  <h4>Web Technologies</h4>
                                                  HTMLCSS
cli class="nav-item"><a class="nav-link"</li>
href="#projects"><span
                                                  BootStrapReactJS</di></di></di>
class="fa fa-info fa-lg"></span> Projects</a>>
                                                  v>
<a class="nav-link"</pre>
                                                  <div class="row" id="projects">
href="#achieves"><span
                                                  <h1 class="display-4"> Projects</h1></div>
class="fa fa-info fa-lg"></span>
                                                  <div class="row" id="mycards">
Achievements </a> 
                                                  <div class="col-sm-3">
cli class="nav-item"><a class="nav-link"</li>
                                                  <div class="card">
href="#contact"><span
                                                  <div class="card-body">
                                                  <h5 class="card-title">Project Title 1</h5>
class="fa fa-address-card fa-lg"></span> Contact
                                                   Praesentium expedita iste
Me < /a > 

</div></div></nav>
                                                  veniam 
<div class="container-fluid" >
                                                  <a href="#" class="btn btn-primary">Launch
<div class="row" id="about">
                                                  Git</a></div></div>
                                                  <div class="col-sm-3">
<div class="col-sm-8">
```

```
<div class="card">
                                                      <a class="btn btn-outline-light btn-social mx-1"
<div class="card-body">
                                                      href="#!">
<h5 class="card-title">Project Title 2</h5>
                                                      <i class="fab fa-fw fa-twitter"></i></a>
 Lorem ipsum dolor sit amet,
                                                      <a class="btn btn-outline-light btn-social mx-1"
                                                      href="#!">
<a href="#" class="btn btn-primary">Launch
                                                      <i class="fab fa-fw fa-linkedin-in"></i></a></div>
Project</a></div></div>
                                                      <div class="col-lg-4">
<div class="col-sm-3">
                                                      <h5 class="mb-4">About</h5>
<div class="card">
                                                      This is a simple portfolio page
<div class="card-body">
                                                      of Jane Doe.
<h5 class="card-title">Project Title 3</h5>
                                                      </div></div></footer>
                                                      </div>
Lorem ipsum dolor sit
                                                      </body>
amet
<a href="#" class="btn btn-primary">Launch
                                                      </html>
Bitbucket</a>
                                                      <!-- mystyle.css -->
</div></div></div>
                                                      body{
<div class="row" id="achieves">
                                                      background-color: #fcf8e8;
<div class="col-sm-8">
                                                      } .footer{
<h1 class="display-4">Achievements</h1>
                                                      background-color:#bd5d38;
class="mt-4 px-5">
                                                      margin:0px auto;
Certified in Neural Networks and Deep Learning
                                                      padding: 20px 0px 20px 0px;
by Coursera 
                                                      color: white;
Certified in Ethical Hacking course by NPTEL
                                                      } .address{
</1i>
                                                      font-size:80%;
Participated in Scratch Programming Event in
                                                      margin:0px;
KMIT
                                                      color:#0f0f0f;
Participated in street cause
                                                      } body{
</div></div>
                                                      padding:0px 0px 0px 0px;
<div class="row" id="contact">
                                                      z-index:0;
<div class="col-sm-8">
                                                      } #mynav{
                                                      background-color: #bd5d38;
<h1 class="display-4">Contact Me</h1>
<div id="conform">
                                                      color: white;
<form action="mailto:janedoe@geemail.com"</pre>
                                                      z-index: 1;
method="POST"
                                                      } #acads{
enctype="text/plain" name="EmailForm">
                                                      margin-bottom: 10rem;
<b>Name: </b> <br> <input type="text" size="40"
                                                      } #contact{
name="ContactName"> <br/>br>
                                                      margin-bottom: 5rem;
<b > Message: </b > <br > <textarea
name="ContactComment" rows="6"
cols="40"></textarea><br>
                                                      EXPERIMENT 5:
<input type="submit" value="Submit">
                                                      <!-- index.html -->
</form></div></div>
                                                      <!DOCTYPE html>
                                                      <html lang="en">
<footer class="footer text-center">
<div class="container">
                                                      <head>
<div class="row">
                                                      <meta charset="UTF-8">
<div class="col-lg-4 mb-5 mb-lg-0">
                                                      <meta name="viewport" content="width=device-</pre>
<h5 class=" mb-4">Location</h5>
                                                      width, initial-scale=1.0">
27 Jane Street, Jane Doe<br/><br/>br
                                                      <title>Buy Best!</title>
                                                      link rel="stylesheet"
/>TS 5000027
                                                      href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/di
</div>
<div class="col-lg-4 mb-5 mb-lg-0">
                                                      st/css/bootstrap.min.css">
<h5 class=" mb-4">Around the Web</h5>
                                                      <script
<a class="btn btn-outline-light btn-social mx-1"
                                                      src="https://cdn.jsdelivr.net/npm/jquery@3.6.0/dist/j
                                                      query.slim.min.js"></script>
href="#!">
<i class="fab fa-fw fa-facebook-f"></i></a>
                                                      <link href="css/mystyle.css" rel="stylesheet">
```

```
</div></div><div class="modal-footer d-flex justify-
<script
src="https://use.fontawesome.com/releases/v6.1.0/js/
                                                        content-center">
all.js" crossorigin="anonymous"></script>
                                                        <button class="btn btn-default">Login</button>
                                                        </div></div></div>
</head>
<body>
                                                        <div class="text-center">
                                                        <a href="" class="btn btn-default btn-rounded mb-1"
<nav class="navbar navbar-dark navbar-expand-sm"
fixed-top" style="background-color: darkblue;">
                                                        data-toggle="modal"
<div class="container">
                                                        datatarget="#modalLoginForm">Launch Login
<button class="navbar-toggler" type="button" data-</pre>
                                                        Form</a></div></div>
toggle="collapse" data-target="#Navbar">
                                                        <div class="container"><div class="row">
                                                        <img src="imgs/home.jpg" width="100%"
<span class="navbar-toggler-icon">
                                                        height="40%" /></div></div>
</span></button>
                                                        <footer class="footer text-center">
<a class="navbar-brand mr-auto" href="#"> <a
class="navbar-brand mr-auto" href="#">
                                                        <div class="container">
<img src="imgs/logo.png" width="85%"
                                                        <div class="row">
height="65%"> </a>
                                                        <div class="col-lg-4 mb-5 mb-lg-0">
                                                        <h5 class=" mb-4">Location</h5>
<div class="collapse navbar-collapse" id="Navbar">
ul class="navbar-nav mr-auto">
                                                        <a class="nav-link"</pre>
                                                        27 Jane Street, John Doe<br/>
Street, John Doe<br/>
75 5000027
href="index.html"><span
                                                        </div>
class="fa fa-home fa-lg"></span> Home</a>
                                                        <div class="col-lg-4 mb-5 mb-lg-0">
                                                        <h5 class=" mb-4">Around the Web</h5>
<a class="nav-link"</pre>
href="contactus.html"><span
                                                        <a class="btn btn-outline-light btn-social mx-1"
                                                        href="#!"><i
class="fa fa-address-card fa-lg"></span> Contact
U_S </a ></div>
                                                        class="fab fa-fw fa-facebook-f"></i>
<span class="navbar-text">
                                                        <a class="btn btn-outline-light btn-social mx-1"
                                                        href="#!"><i class="fab fa-fw fa-twitter"></i></a>
<a data-toggle="modal" data-target="#loginModal">
                                                        <a class="btn btn-outline-light btn-social mx-1"
<span class="fa fa-sign-in"></span> Login</a>
                                                        href="#!"><i class="fab fa-fw fa-linkedin-
</span></div></nav>
<a href="div class="modal fade" id="loginModal"</a>
                                                        in"></i>></div>
tabindex="-1" role="dialog" aria-
                                                        <div class="col-lg-4">
labelledby="myModalLabel" aria-hidden="true">
                                                        <h5 class="mb-4">About</h5>
                                                        BuyBest
<div class="modal-dialog" role="document">
                                                        </div></div></footer>
                                                        <div class="copyright py-4 text-center text-white">
<div class="modal-content">
<div class="modal-header text-center">
                                                        <div class="container"><small>Copyright &copy;
<h4 class="modal-title w-100 font-weight-
                                                        John Doe 2022</small></div>
                                                        </div>
bold">Login</h4>
<button type="button" class="close" data-</pre>
                                                        </div>
dismiss="modal" arialabel="Close">
                                                        </body>
<span aria-hidden="true">&times;</span>
                                                        </html>
</button></div>
<div class="modal-body mx-1">
                                                        <!-- ContactUs.html -->
<div class="md-form mb-1">
                                                        <!DOCTYPE html>
<i class="fas fa-envelope prefix grey-text"></i>
                                                        <html lang="en">
<input type="email" id="defaultForm-email"</pre>
                                                        <head>
class="form-control validate">
                                                        <meta charset="UTF-8">
<label data-error="wrong" data-success="right"</pre>
                                                        <meta name="viewport" content="width=device-</pre>
for="defaultFormemail">Your email</label>
                                                        width, initial-scale=1.0">
</div><div class="md-form mb-1">
                                                        <title>Buy Best!</title>
<i class="fas fa-lock prefix grey-text"></i>
                                                        link rel="stylesheet"
<input type="password" id="defaultForm-pass"</pre>
                                                        href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/di
class="form-control validate">
                                                        st/css/bootstrap.min.css">
<label data-error="wrong" data-success="right"</pre>
                                                        <script
for="defaultFormpass">Your password</label>
                                                        src="https://cdn.jsdelivr.net/npm/jquery@3.6.0/dist/j
                                                        query.slim.min.js"></script>
```

```
<link href="css/mystyle.css" rel="stylesheet">
                                                       <a class="btn btn-outline-light btn-social mx-1"
                                                       href="#!"><i
<script
src="https://use.fontawesome.com/releases/v6.1.0/js/
                                                       class="fab fa-fw fa-linkedin-in"></i></a>
all.js" crossorigin="anonymous"></script>
                                                       </div></div></footer></body></html>
</head><body>
<nav class="navbar navbar-dark navbar-expand-sm"
                                                       mystyle.css:
fixed-top" style="background-color: darkblue;">
                                                       body{
<div class="container">
                                                       background-color: #fcf8e8;
<button class="navbar-toggler" type="button" data-</pre>
                                                       font-family:sans-serif;
toggle="collapse" datatarget="#Navbar">
                                                       }.row{
<span class="navbar-toggler-icon">
                                                       padding-top: 4rem;
                                                       }.row-header{
</span></button>
<a class="navbar-brand mr-auto" href="#"> <a
                                                       margin:0px auto;
class="navbar-brand mr-auto" href="#">
                                                       padding:0px;
<img src="imgs/logo.png" width="85%"
                                                       }.address{
height="65%"> </a>
                                                       font-size:80%;
<div class="collapse navbar-collapse" id="Navbar">
                                                       margin:0px;
ul class="navbar-nav mr-auto">
                                                       color:#0f0f0f;
<a class="nav-link"</pre>
                                                       } body{
href="index.html"><span
                                                       padding:0px 0px 0px 0px;
class="fa fa-home fa-lg"></span> Home</a>
                                                       } #acads{
<a class="nav-link"</pre>
                                                       margin-bottom: 10rem;
href="contactus.html"><span
                                                       } #mycards{
class="fa fa-address-card fa-lg"></span> Contact
                                                       margin-bottom: 10rem;
Us</a></div></div></nav>
                                                       } #about{
<div class="container">
                                                       margin-bottom: 18rem;
<div class="row">
                                                       } #contact{
                                                       margin-bottom: 5rem;
<div class="col-12 col-sm-10 mt-4">
<div class="col-sm-8">
                                                       } html {
<h3 class="display-4">Contact Us</h3>
                                                       scroll-behavior: smooth;
<div id="conform">
<form action="mailto:janedoe@geemail.com"</pre>
method="POST" enctype="text/plain"
                                                       EXPERIMENT 6:
name="EmailForm">
                                                       App.js:
Name: <br/>
<br/>
input type="text" size="40"
                                                       import { useState } from 'react';
name="ContactName"> <br>
                                                       import 'bootstrap/dist/css/bootstrap.min.css';
Message: <br/>
<textarea name="ContactComment"
                                                       function App() {
rows="6" cols="40"></textarea><br>
                                                        const [count, setCount] = useState(0);
<input type="submit" value="Submit">
                                                        const [isEvening, setEvening] = useState(true);
</form></div></div></div></div>
<footer class="footer text-center">
                                                          <div className={`box ${isEvening ? 'dayLight' :</pre>
<div class="container">
                                                       "}'}>
<div class="row">
                                                           <h1>{isEvening? 'Evening': 'Morning'}</h1>
<div class="col-lg-4 mb-5 mb-lg-0">
                                                           <button onClick={() =>
<h5 class=" mb-4">Location</h5>
                                                       setEvening(!isEvening)}>Update</button>
<h1>Counter value = {count}</h1>
27 Jane Street, John Doe<br/>
y-TS 5000027
                                                           <br/><button onClick={() => setCount(count +
</div>
                                                       1)}>Increase Counter</button>
<div class="col-lg-4 mb-5 mb-lg-0">
                                                           <button onClick={() => setCount(count -
<h5 class=" mb-4">Around the Web</h5>
                                                       1)}>Decrease Counter</button>
<a class="btn btn-outline-light btn-social mx-1"
                                                          </div>
href="#!"><i
                                                        );
class="fab fa-fw fa-facebook-f"></i>
<a class="btn btn-outline-light btn-social mx-1"
                                                       export default App;
href="#!"><i
class="fab fa-fw fa-twitter"></i></a>
                                                       EXPERIMENT 7:
```

```
index.html:
                                                      function CalculateSum({ a, b }) {
<!DOCTYPE html>
                                                      const result = useMemo(() => {
<html>
                                                      return sum(a, b), [a, b];
                                                      return <div>{result}</div>}
<head>
<title>Experiment 7 - Academic Records</title>
                                                      function App() {
<link rel=stylesheet href="style.css">
                                                      const [num1, setNum1] = useState(0);
<script src="script.js"></script>
                                                      const [num2, setNum2] = useState(0);
</head>
                                                      function handleNum1Change(event) {
<body>
                                                      setNum1(Number(event.target.value))}
<form id="academicForm">
                                                      function handleNum2Change(event) {
<label for="name">Name:</label>
                                                      setNum2(Number(event.target.value))}
<input type="text" id="name"><br><br>
                                                      return (<div><label>
<label for="subject">Subject:</label>
                                                      Number 1 : <br>></br>
<input type="text" id="subject"><br><br>
                                                      <input type="number" value={num1}</pre>
<label for="grade">Grade:</label>
                                                      onChange={handleNum1Change} />
<input type="text" id="grade"><br><br>
                                                      </label><br></br>><label>
<button type="button" onclick="addRecord()">Add
                                                      Number 2 : <br>>/br>
Record</button>
                                                      <input type="number" value={num2}</pre>
                                                      onChange={handleNum2Change} />
</form>
</label><br>></br>>Sum:<CalculateSum a={num1}</pre>
                                                     \overline{b} = \{num^2\} /> </div>)
<thead>
Name
                                                      export default App;
Subject
Grade
                                                      EXPERIMENT 9:
</thead>
                                                      src/App.js:
import React from 'react';
</body></html>
                                                      import { BrowserRouter, Routes, Route } from
                                                      "react-router-dom";
                                                      import './App.css';
Script.js:
function addRecord() {
                                                      import Home from './components/home.js';
                                                      import Contact from './components/ContactUs.js';
  var name =
document.getElementById('name').value;
                                                      import About from './components/AboutUs.js';
  var subject =
                                                      function App() {
document.getElementById('subject').value;
                                                      return (<><BrowserRouter><Routes>
                                                      <Route path="/" element={<Home />} />
  var grade =
document.getElementById('grade').value;
                                                      <Route path="/contact" element={<Contact />} />
                                                      <Route path="/about" element={<About />} />
  var table =
                                                      </Routes></BrowserRouter></>)}
document.getElementById('academicTable').getElem
entsByTagName('tbody')[0];
                                                      export default App;
  var newRow = table.insertRow(table.rows.length);
  var nameCell = newRow.insertCell(0);
                                                      src/components/AboutUs.js:
  var subjectCell = newRow.insertCell(1);
                                                      import React from 'react';
  var gradeCell = newRow.insertCell(2);
                                                      import 'bootstrap/dist/css/bootstrap.min.css';
  nameCell.innerHTML = name;
                                                      import { Link } from 'react-router-dom';
  subjectCell.innerHTML = subject;
                                                      const AboutUs = () => {
  gradeCell.innerHTML = grade;
                                                      return (<div><>
  document.getElementById('name').value = ";
                                                      <nav className="navbar">
  document.getElementById('subject').value = ";
                                                      ul className="navbar-nav">
  document.getElementById('grade').value = ";
                                                      <Link to="/" className="nav-link">Home</Link>
}
                                                      li className="nav-item">
EXPERIMENT 8:
                                                      <Link to="/About" className="nav-
                                                      link">About</Link>
import React, { useMemo, useState } from 'react';
                                                      li>
function sum(a, b) {
console.log('Calculating sum...');
                                                      <Link to="/Contact" className="nav-
return a + b
                                                      link">Contact</Link>
```

```
</nav></><h1>About Us</h1>
Ipsum ipsum aute ea eiusmod.
</div>)
export default AboutUs;
src/components/ContactUs.js:
import React from 'react';
import 'bootstrap/dist/css/bootstrap.min.css';
import { Link } from 'react-router-dom';
const ContactUs = () => {
return (<div><>
<nav className="navbar">
ul className="navbar-nav">
className="nav-item">
<Link to="/" className="nav-link">Home</Link>
li className="nav-item">
<Link to="/About" className="nav-
link">About</Link>li className="nav-item">
<Link to="/Contact" className="nav-
link">Contact</Link></nav></>
<h1>Contact Us</h1>
Consequat est ipsum cillum laboris sint nulla esse.
Email: contact@ourcompany.com
Phone: 123-456-7890
</div>)}
export default ContactUs;
src/components/home.js:
import React from 'react';
import { Link } from 'react-router-dom';
import 'bootstrap/dist/css/bootstrap.min.css';
const Home = () \Rightarrow \{
return (<><nav className="navbar">
ul className="navbar-nav">
<Link to="/" className="nav-link">Home</Link>
li className="nav-item">
<Link to="/About" className="nav-
link">About</Link>
className="nav-item">
<Link to="/Contact" className="nav-
link">Contact</Link></nav>
<h1>Home</h1>
Fugiat laborum ea pariatur sit officia magna
fugiat.</>)}
export default Home;
src/components/PageNotFound.js:
import React from 'react';
const PageNotFound = () => {
return (<div><h1>Page Not Found</h1>
The page you are looking for does not exist.
</div>)
export default PageNotFound;
```

```
EXPERIMENT 10:
import React, { useEffect, useState } from 'react';
import 'bootstrap/dist/css/bootstrap.min.css';
const UserTableExample = () => {
const [users, setUsers] = useState([]);
useEffect(() \Rightarrow \{
const fetchUsers = async() => {
try { const response = await
fetch('https://jsonplaceholder.typicode.com/users');
const userData = await response.json();
setUsers(userData);
} catch (error) {
console.log('Error fetching users:', error)}}
fetchUsers()}, []);
return (<div><h1>User List</h1>
<table class="table" style={{ border: '2px solid
green', borderSpacing: '10px', backgroundColor:
'grey' }}><thead>Name
EmailPhone
Website</thad>
{users.map(user => (
{user.name}
{user.email}{user.phone}
{user.website}))}
</div>)}
export default UserTableExample;
```