Assignment Date	15 September 2022
Student Name	Joy Selvarani T
Student Roll Number	1921023

Question- 1:

- Create a Flask App
- Add a Home page, about page
- Add the Bootstrap
- Add the Sign in page and Signup page

Solution:

HTML:

Home Page:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0, minimum-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <title>HOME</title>
    <link rel="stylesheet" href="../../static/css/index.css">
</head>
<body>
<div id="nav-container">
<div class="logo">
    <div id="BASV">
      <h1>Containment Zone Alert Application</h1>
    </div>
</div>
    <div class="navlink">
```

```
            <ul id="nav-link" >
                <li>
                    <a href="/About">About</a>
                </li>
                <li>
                    <a href="/login">Login</a>
                </li>
                <li>
                    <a href="/Reg">Sign Up</a>
                </li>
            </ul>
        </div>
    </div>
    <div class="container">
    <div class="typewriter">
        <h1>Welcome to Home Page...</h1>
    </div>
    </div>
    </body>
    </html>
```

About Page:

```
<!DOCTYPE html>

            <html lang="en">
            <head>
                <meta charset="UTF-8">
```

```
    <title>Assignment 1</title>
    <link rel="stylesheet" href="../../static/css/indexcss.css">
</head>
<body>
<div class="header">
    <div class="photo">
    </div>
    <div class="name">
        <h1>Joy Selvarani T</h1>
        <h2>B.E Cse</h2>
        <h3>Government College Of Engineering Salem</h3>
        <div style="display: flex;justify-content: center;">

            <a href="https://github.com/joy2427">
                <img src="https://img.icons8.com/material-sharp/24/000000/github.png"
                alt="github">
            </a>
            <a href="www.linkedin.com/in/venktesh-b-813835167">
                <img src="https://img.icons8.com/color/30/000000/linkedin.png"
                alt="linkedin"/>
            </a>
            <a href="https://www.codechef.com/users/sk_euit511 HYPERLINK
            "http://www.codechef.com/users/sk_euit511"">
                <img src="https://img.icons8.com/ios-filled/30/000000/codechef.png"
                alt="codechief"/>
            </a>
        </div>
    </div>
</div>
<div class="content">
    <p>Hi I am Joy,<br><br>
```

```
    <ul>
        <li> I am Currently pursuing Bachelors degree in Cs at
<strong>Government College Of Engineering Salem</strong></li>
        <li> And I Did My Schooling in <strong>MSPSN
HIGHERSECONDARY SCHOOL.</strong><br>
        </li>
        <li>I did 2 Project in My College
            <ul>
                <li><strong>Plant Site</strong></li>
                <li><strong>Placement Training Website</strong></li>
            </ul>
        </li>
    </ul>
</div>
<div class="contact">
    <form class="forms">
        <h1>Contact</h1>
        <div class="name">
            <label>
                <input type="text" placeholder="Name">
            </label>
        </div>
        <div class="mail">
            <label>
                <input type="text" placeholder="Mail Id">
            </label>
        </div>
        <div class="button">
```

```
            <button><b>SUBMIT</b></button>
        </div>
    </form>
</div>
</body>
</html>
```

Sign In Page:

```
<!DOCTYPE html>

<html lang="en" xmlns="http://www.w3.org/1999/html">
<head>
    <meta charset="UTF-8">
    <title>Login</title>
    <link rel="stylesheet" href="../../static/css/login.css">
    <link      rel="stylesheet"
               href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css"
integrity="sha384-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfELGroGkvsg+p" crossorigin="anonymous"/>
</head>
<body>
<form id="forms" action="#" method="post">
    <h1>LOGIN</h1>
    <div class="user">
        <i class="fas fa-user"></i>
            <input type="text" placeholder="Mail ID" name="mail" id="mail">
        <small></small>
```

```
        </div>
        <div class="password">
            <i class="fas fa-lock"></i>
                <input type="password" placeholder="Password" name="password"
                id="password">
            <br>
            <small></small>
        </div>
        <div class="button">
            <button><b>LOGIN</b></button>
            <button type="button"><a
            href="/Reg"><b>REGISTER</b></a></button>
        </div>
    </form>


    </body>
    </html>
```

Signup Page:

```
<!DOCTYPE html>
    <html lang="en">
    <head>
        <meta charset="UTF-8">
```

```
        <title>Registration</title>
        <link rel="stylesheet" href="../../static/css/reg.css">
        <link rel="stylesheet"
        href="https://pro.fontawesome.com/releases/v5.10.0/css/all.css">
    </head>
    <body>
    <div class="container">
      <header>
        <div class="header">
<h2>CREATE ACCOUNT</h2>
        </div>
      </header>
      <form id="forms" method="post">
        <div class="part1" >
          <div class="form_controller">
  <label>USER NAME</label>
            <input type="text" placeholder="USER NAME" id="username"
            name="username">
            <i class="fas fa-check-circle"></i>
            <i class="fas fa-exclamation-circle"></i>
          </div>
          <div class="form_controller">
  <label>FIRST NAME</label>
            <input type="text" placeholder="Full Name" id="fullname"
            name="fullname">
            <i class="fas fa-check-circle"></i>
            <i class="fas fa-exclamation-circle"></i>
          </div>
          <div class="form_controller">
```

```
        <label>MAIL ID</label>
        <input type="email" placeholder="Enter Your mailID" id="mailid"
        name="mailid">
        <i class="fas fa-check-circle"></i>
        <i class="fas fa-exclamation-circle"></i>
    </div>
    <div class="form_controller">
        <label>PASSWORD</label>
        <input type="password" placeholder="Enter password" id="password
        <i class="fas fa-check-circle"></i>
        <i class="fas fa-exclamation-circle"></i>
    </div>
    <div class="form_controller">
        <label>CONFIRM PASSWORD</label>
        <input type="password" placeholder="Enter password"
                id="conpassword"name="conpassword">
        <i class="fas fa-check-circle"></i>
        <i class="fas fa-exclamation-circle"></i>
    </div>
</div>


<!--part2-->
<div class="more"> <h4>MORE</h4> </div>

<div class="part2">
<div class="form_controller">
    <label>GENDER</label>
    <div class="radio">
```

```
        <input type="radio" id="male" name="gender" value="male">MALE

        <input type="radio" id="female" name="gender"
        value="female">FEMALE

        <input type="radio" id="other" name="gender"
        value="others">OTHERS

    </div>

</div>

    <div class="form_controller">

        <label>DOB</label>

        <input type="date" id="dob" name="dob">

        <i class="fas fa-check-circle"></i>

        <i class="fas fa-exclamation-circle"></i>

    </div>

    <div class="form_controller">

        <label>MOBILE NUMBER</label>

        <input type="text" placeholder="Your Mobile Number" id="phno"
        name="phno">

        <i class="fas fa-check-circle"></i>

        <i class="fas fa-exclamation-circle"></i>

    </div>


    <div class="form_controller">

        <label>BLOOD GROUP</label>

        <input type="text" placeholder="YOUR BLOOD GROUP" id="bld"
        name="bld">

        <i class="fas fa-check-circle"></i>

        <i class="fas fa-exclamation-circle"></i>

    </div>

    <div class="form_controller">

        <label>CITY</label>
```

```
                    <input type="text" placeholder="YOUR CITY" id="city"
                    name="city">

                    <i class="fas fa-check-circle"></i>

                    <i class="fas fa-exclamation-circle"></i>

                </div>

                <button>Submit</button>

    </div>

</form>

            </div>

            <script>

                morebutton =

                document.querySelector(".mor

                e"),nextpart2 =

                document.querySelector(".part

                2"), contain =

                document.querySelector(".cont

                ainer");


            morebutton.addEventListener("click",() =>

            {

                nextpart2.classList.add("part2a

                dding");

                contain.classList.add("contain"

                );

                morebutton.classList.add("next

                button");

            })

            </script>

            </body>
```

```
</html>
```

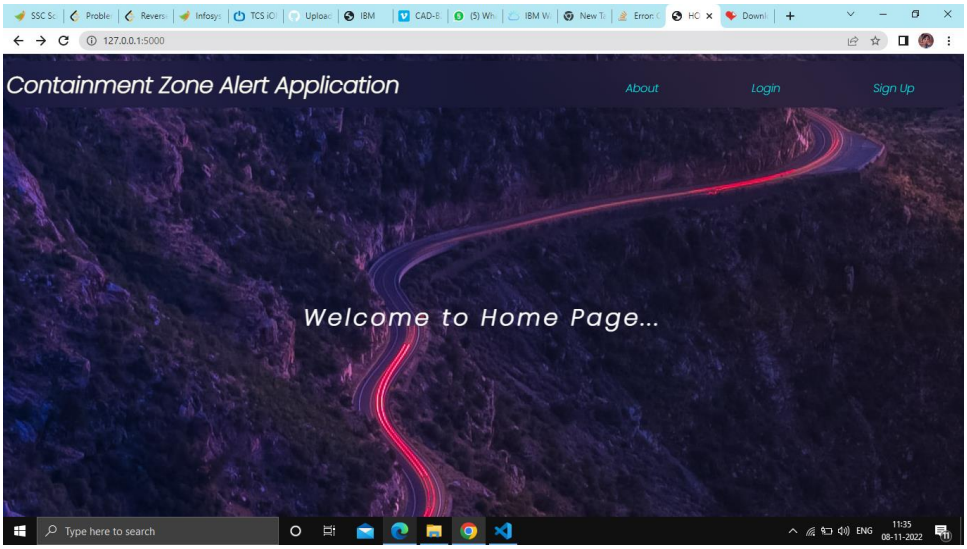
Python Flask (app.py):

```
    from flask import Flask,
render_templateAppli =
Flask(_________name__)
@
A
p
pl
i.
ro
ut
e(
'/'
)
d
ef
h
o
m
e(
):
   return
render_template('html/index.
html')@Appli.route('/login')
```

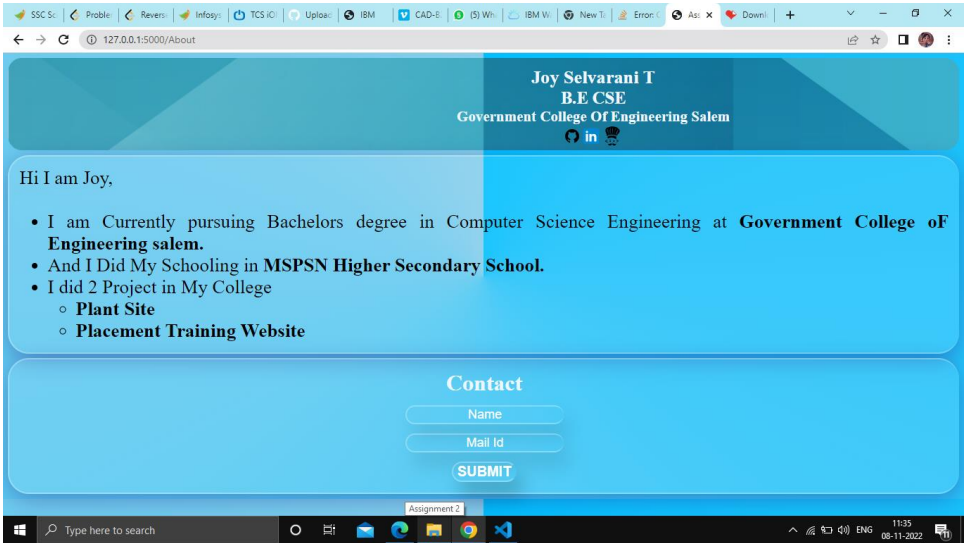
```
def login():
    return
render_template('html/login.
html')@Appli.route('/Reg')
def Registration():
    return   render_template('html/Registration.html')

@Appli
.route('/
About')
def
about():
    return
render_template('html/About
.html')if____name_== '
____main___':
    Appli.run()
```

Output:

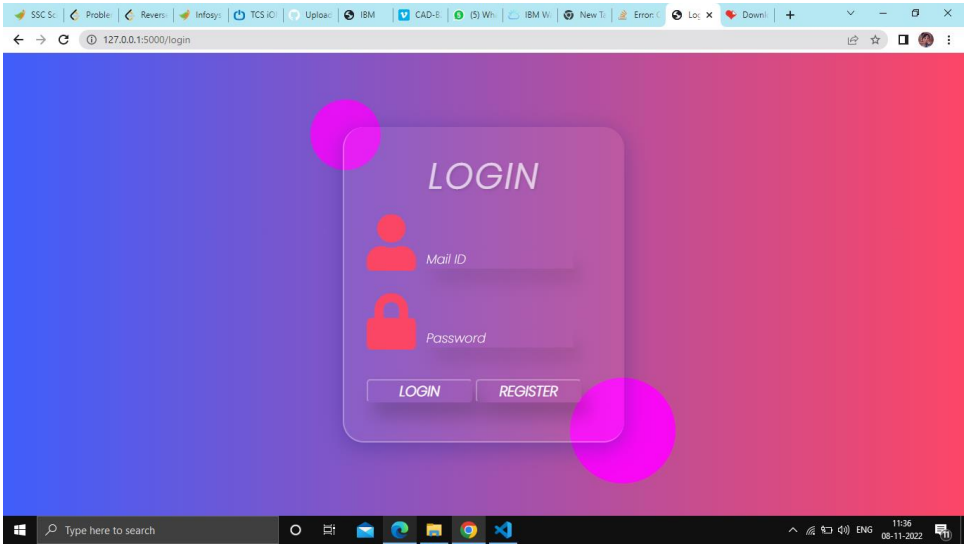
Home page:



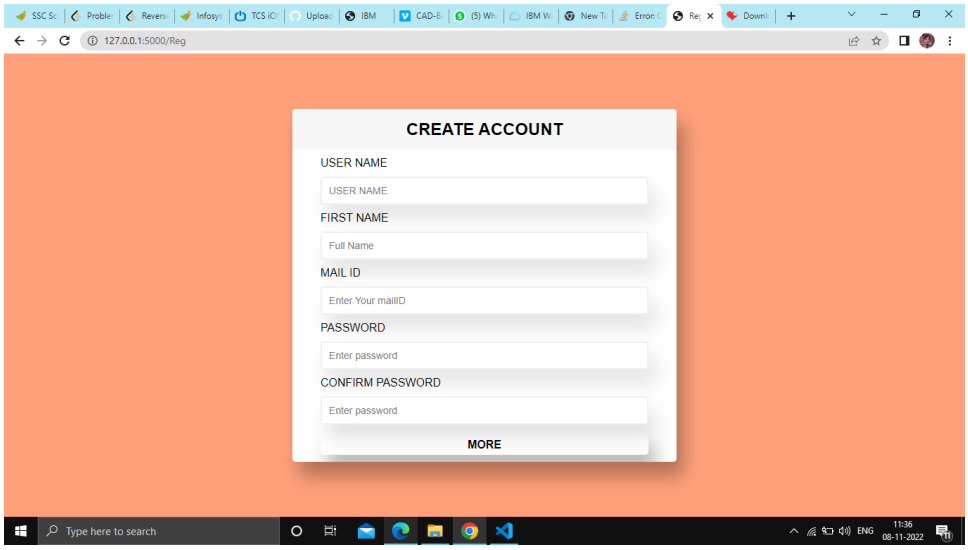
About page:



Sign in Page:



SignUp Page


127.0.0.1:5000/Reg
CREATE ACCOUNT
USER NAME
USER NAME
FIRST NAME
Full Name
MAIL ID
Enter Your mailID
PASSWORD
Enter password
CONFIRM PASSWORD
Enter password
MORE
Type here to search
ENG
11:36
08-11-2022