Assignment Date	15 September 2022
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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>VENKTESH HOME</title>

  <link rel="stylesheet" href="../../static/css/index.css">

</head>

<body>

<div id="nav-container">

<div class="logo">

  <div id="BASV">

   <h1>VENKTESH</h1>

  </div>

</div>

  <div class="navlink">

```html
      <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 Venktesh Home Page...</h1>
  </div>
  </div>
  </body>
  </html>
```

About Page:

```html
<!DOCTYPE html>

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

```html
<title>Assignment 1</title>

<link rel="stylesheet" href="../../static/css/indexcss.css">

</head>

<body>

<div class="header">

    <div class="photo">

        <img src="../../static/images/photo.jpg" alt="photo">

    </div>

    <div class="name">

        <h1>VENKTESH B</h1>

        <h2>B.Tech IT</h2>

        <h3>SRI KRISHNA COLLEGE OF ENGINEERING AND
        TECHNOLOGY</h3>

        <div style="display: flex;justify-content: center;">

            <a href="https://github.com/Venki142002">

                <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 Venktesh,<br><br>
```

```html
    <ul>

        <li> I am Currently pursuing Bachelors degree in Information Technology at
<strong>SRIKRISHNA COLLEGE OF

            ENGINEERING AND TECHNOLOGY.</strong></li>

        <li> And I Completed My Diploma Studies in <strong>CIT-SANDWICH
POLYTECHNICCOLLEGE.</strong></li>

        <li> And I Did My Schooling in <strong>SRI RANGANATHAR
MATRICULATION HIGHERSECONDARY SCHOOL.</strong><br>

        </li>

        <li>I did 2 Project in My College

            <ul>

                <li><strong>Emergency Case System</strong></li>

                <li><strong>Dynamic Website Development</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-
AYmEC3Yw5cVb3ZcuHtOA93w35dYTsvhLPVnYs9eStHfGJvOvKxVfEL
GroGkvsg+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>
```

```html
      </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:

```html
<!DOCTYPE html>

    <html lang="en">
    <head>

        <meta charset="UTF-8">
```

```html
    <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">
```

```html
    <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">
```

```html
    <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>
```

```html
            <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_template Appli =
Flask(_____name__)
@
A
p
pl
i.
ro
ut
e(
'/'
)
d
ef
h
o
m
e(
):
    return
render_template('html/index.
html')@Appli.route('/login')
```

```python
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:

Sign Up page: