Assignment Date	15 September 2022
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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,</pre>
maximum-scale=1.0, minimum-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>VENKTESH HOME</title>
  k 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">
```

```
<
       <a href="/About">About</a>
     <
       <a href="/login">Login</a>
     <
       <a href="/Reg">Sign Up</a>
     </div>
</div>
<div class="container">
<div class="typewriter">
 <h1>Welcome to Venktesh Home Page...</h1>
</div>
</div>
</body>
</html>
```

About Page:

```
<!DOCTYPE html>

<html lang="en">

<head>

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

```
<title>Assignment 1</title>
  k 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/24/00000/github.png"</pre>
         alt="github">
       </a>
       <a href="www.linkedin.com/in/venktesh-b-813835167">
         <img src="https://img.icons8.com/color/30/000000/linkedin.png"</pre>
         alt="linkedin"/>
       </a>
       <a href="https://www.codechef.com/users/sk_euit511">https://www.codechef.com/users/sk_euit511</a> HYPERLINK
       "http://www.codechef.com/users/sk_euit511"">
         <img src="https://img.icons8.com/ios-filled/30/00000/codechef.png"</pre>
         alt="codechief"/>
       </a>
    </div>
  </div>
</div>
<div class="content">
  Hi I am Venktesh,<br><br>
```

I am Currently pursuing Bachelors degree in Information Technology at SRIKRISHNA COLLEGE OF

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

And I Completed My Diploma Studies in CIT-SANDWICH POLYTECHNICCOLLEGE.

And I Did My Schooling in SRI RANGANATHAR MATRICULATION HIGHERSECONDARY SCHOOL.
br>

```
I did 2 Project in My College
      \langle ul \rangle
        <strong>Emergency Case System</strong>
        <strong>Dynamic Website Development</strong>
      </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">
```

```
<br/>
```

Sign In Page:

```
<!DOCTYPE html>
          <a href="http://www.w3.org/1999/html">
          <head>
            <meta charset="UTF-8">
            <title>Login</title>
            k 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>

```
</div>
  <div class="password">
    <i class="fas fa-lock"></i>
      <input type="password" placeholder="Password" name="password"</pre>
      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"</pre>
              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"</pre>
                   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"</pre>
                   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"</pre>
    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>
              type="password"
                                 placeholder="Enter
                                                       password"
    <input
              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
  <div class="radio">
```

```
<input type="radio" id="male" name="gender" value="male">MALE
    <input type="radio" id="female" name="gender"</pre>
    value="female">FEMALE
    <input type="radio" id="other" name="gender"</pre>
    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"</pre>
    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"</pre>
                        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>
```

Python Flask (app.py):

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

def login():