Assignment Date	10 October 2022
Student Name	Dhinesh Kumar S
Student Roll Number	61071911111
Maximum Marks	2 Marks

Questions:

1. Create a flask app.
2. Add home page, About page.
3. Add the Bootstrap.
4. Add the sign in page and add the sign-up page + database connectivity.

Solution:

Home.html:

```
<meta charset="utf-8">
   <meta name="viewport" content="width=device-width, initaial-scale=1.0">
</head>
<body>
<style>
   @import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@200;400;500&display=swap');
*{
   margin:0px;
   padding:0px;
   box-sizing: border-box;
   font-family: 'Poppins', sans-serif;
}
nav{
   width: 100%;
   height: 75px;
   background-color: #6e65ee;
   line-height: 75px;
   padding:0px 100px;
   position:fixed;
   z-index: 1;
}
nav .logo{
   font-size: 30px;
   font-weight: bold;
   letter-spacing: 1.5px;
}
nav .logo p{
   float: left;
   color:#fff;
   text-transform: uppercase;
}
```

```css
nav ul{
   float: right;
}
nav ul li{
   display: inline-block;
   list-style: none;
}
nav ul li a{
   color:#fff;
   text-decoration: none;
   font-size: 18px;
   text-transform: uppercase;
   padding:0px 32px;
}
nav ul li a:hover{
   color:#c0d96f;
}
nav ul li .active{
   color:#c0d96f;
}
.image img{
   width: 100%;
   height: 0px auto;
}
</style>
   <nav>
     <div class="logo">
       <p>navbar</p>
     </div>
     <ul>
       <li><a href="" class="active">home</a></li>
       <li><a href="./signup.html">Signup</a></li>
       <li><a href="./signin.html">Signin</a></li>
       <li><a href="./about.html">About us</a></li>

     </ul>
   </nav>
   <div class="image">
     <img src="./Beautiful Moonlight Night Wallpaper (1920x1080).jfif"
     style="width:1300px;height:700px;">

   </div>


</body>
</html>
```

Sign-in.html:

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
```

```
  <head>
   <meta charset="utf-8">
   <title>Animated Login Form | CodingNepal</title>

  </head>
  <body>
   <style>
   @import
url('https://fonts.googleapis.com/css2?family=Noto+Sans:wght@700&family=Poppins:wght@400;5
00;600&display=swap');
*{
 margin: 0;
 padding: 0;
 box-sizing: border-box;
 font-family: "Poppins", sans-serif;
}
body{
 margin: 0;
 padding: 0;
 background: linear-gradient(120deg,#2980b9, #8e44ad);
 height: 100vh;
 overflow: hidden;
}
.center{
 position: absolute;
 top: 50%;
 left: 50%;
 transform: translate(-50%, -50%);
 width: 400px;
 background: white;
 border-radius: 10px;
 box-shadow: 10px 10px 15px rgba(0,0,0,0.05);
}
.center h1{
 text-align: center;
 padding: 20px 0;
 border-bottom: 1px solid silver;
}
.center form{
 padding: 0 40px;
 box-sizing: border-box;
}
form .txt_field{
 position: relative;
 border-bottom: 2px solid #adadad;
 margin: 30px 0;
}
.txt_field input{
 width: 100%;
 padding: 0 5px;
 height: 40px;
```

```css
  font-size: 16px;
  border: none;
  background: none;
  outline: none;
}
.txt_field label{
  position: absolute;
  top: 50%;
  left: 5px;
  color: #adadad;
  transform: translateY(-50%);
  font-size: 16px;
  pointer-events: none;
  transition: .5s;
}
.txt_field span::before{
  content: '';
  position: absolute;
  top: 40px;
  left: 0;
  width: 0%;
  height: 2px;
  background: #2691d9;
  transition: .5s;
}
.txt_field input:focus ~ label,
.txt_field input:valid ~ label{
  top: -5px;
  color: #2691d9;
}
.txt_field input:focus ~ span::before,
.txt_field input:valid ~ span::before{
  width: 100%;
}
.pass{
  margin: -5px 0 20px 5px;
  color: #a6a6a6;
  cursor: pointer;
}
.pass:hover{
  text-decoration: underline;
}
input[type="submit"]{
  width: 100%;
  height: 50px;
  border: 1px solid;
  background: #2691d9;
  border-radius: 25px;
  font-size: 18px;
  color: #e9f4fb;
  font-weight: 700;
```

```
   cursor: pointer;
   outline: none;
}
input[type="submit"]:hover{
   border-color: #2691d9;
   transition: .5s;
}
.signup_link{
   margin: 30px 0;
   text-align: center;
   font-size: 16px;
   color: #666666;
}
.signup_link a{
   color: #2691d9;
   text-decoration: none;
}
.signup_link a:hover{
   text-decoration: underline;
}

</style>

   <div class="center">
    <h1>Signin</h1>
    <form method="post">
     <div class="txt_field">
       <input type="text" required>
       <span></span>
       <label>Username</label>
     </div>
     <div class="txt_field">
       <input type="password" required>
       <span></span>
       <label>Password</label>
     </div>
     <div class="pass">Forgot Password?</div>
     <input type="submit" value="Signin">
     <div class="signup_link">
     </div>
    </form>
   </div>
</body>
</html
```

Sign-up.htmi:

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
 <head>
  <meta charset="utf-8">
```

```html
    <title>Animated Login Form | CodingNepal</title>

  </head>
  <body>
    <style>
    @import
url('https://fonts.googleapis.com/css2?family=Noto+Sans:wght@700&family=Poppins:wght@400;5
00;600&display=swap');
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: "Poppins", sans-serif;
}
body{
  margin: 0;
  padding: 0;
  background: linear-gradient(120deg,#2980b9, #8e44ad);
  height: 100vh;
  overflow: hidden;
}
.center{
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
  width: 400px;
  background: white;
  border-radius: 10px;
  box-shadow: 10px 10px 15px rgba(0,0,0,0.05);
}
.center h1{
  text-align: center;
  padding: 20px 0;
  border-bottom: 1px solid silver;
}
.center form{
  padding: 0 40px;
  box-sizing: border-box;
}
form .txt_field{
  position: relative;
  border-bottom: 2px solid #adadad;
  margin: 30px 0;
}
.txt_field input{
  width: 100%;
  padding: 0 5px;
  height: 40px;
  font-size: 16px;
  border: none;
```

```css
  background: none;
  outline: none;
}
.txt_field label{
  position: absolute;
  top: 50%;
  left: 5px;
  color: #adadad;
  transform: translateY(-50%);
  font-size: 16px;
  pointer-events: none;
  transition: .5s;
}
.txt_field span::before{
  content: '';
  position: absolute;
  top: 40px;
  left: 0;
  width: 0%;
  height: 2px;
  background: #2691d9;
  transition: .5s;
}
.txt_field input:focus ~ label,
.txt_field input:valid ~ label{
  top: -5px;
  color: #2691d9;
}
.txt_field input:focus ~ span::before,
.txt_field input:valid ~ span::before{
  width: 100%;
}
.pass{
  margin: -5px 0 20px 5px;
  color: #a6a6a6;
  cursor: pointer;
}
.pass:hover{
  text-decoration: underline;
}
input[type="submit"]{
  width: 100%;
  height: 50px;
  border: 1px solid;
  background: #2691d9;
  border-radius: 25px;
  font-size: 18px;
  color: #e9f4fb;
  font-weight: 700;
  cursor: pointer;
  outline: none;
```

```
}
input[type="submit"]:hover{
 border-color: #2691d9;
 transition: .5s;
}
.signup_link{
 margin: 30px 0;
 text-align: center;
 font-size: 16px;
 color: #666666;
}
.signup_link a{
 color: #2691d9;
 text-decoration: none;
}
.signup_link a:hover{
 text-decoration: underline;
}

</style>

   <div class="center">
    <h1>Signup</h1>
    <form method="post">
     <div class="txt_field">
      <input type="text" required>
      <span></span>
      <label>Name</label>
     </div>
     <div class="txt_field">
       <input type="text" required>
       <span></span>
       <label>Email</label>
     </div>
     <div>
        <div class="txt_field">
         <input type="Phone" required>
         <span></span>
         <label>Phone</label>
        </div>
     <div class="txt_field">
      <input type="password" required>
      <span></span>
      <label>Password</label>
     </div>
     <div>
        <div class="txt_field">
        <input type="retypepassword" required>
        <span></span>
        <label>Retypepassword</label>
     </div>
```

```html
      <input type="submit" value="Signup">
    </div>
   </form>
  </div>
 </body>
</html>
```

About.html:

```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">
   <!-- Bootstrap -->
   <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
   <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
   <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>

   <!-- font awesome -->
   <!-- <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css"> -->
   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.2.0/css/all.min.css" integrity="sha512-
xh6O/CkQoPOWDdYTDqeRdPCVd1SpvCA9XXcUnZS2FmJNp1coAFzvtCN9BmamE+4aHK8yyUHUSCcJH
gXloTyT2A==" crossorigin="anonymous" referrerpolicy="no-referrer" />
   <title>Document</title>
</head>
<body>
   <center><h1>OUR TEAM</h1></center>
   <style>
     h1{
        font-family: Arial, Helvetica, sans-serif;
     }
     body{
        font-family: 'Times New Roman', Times, serif;
     }
     .container{
        margin-top:2rem;
     }
     .image-section{
        width:90%;
        padding:2rem;
        height:auto;
        background-color:pink;
        border-radius:1rem;
        box-shadow: rgba(50, 50, 93, 0.25) 0px 13px 27px -5px, rgba(0, 0, 0, 0.3) 0px 8px 16px -8px;
        overflow:hidden;
```

```
        }
        .hero{
           display:flex;
           flex-wrap: wrap;
           align-items: center;
           justify-content: center;
        }
        .person{
           align-items: center;
           justify-content: center;
           width:400px;
           border-radius:1rem;
           padding:40px;
           margin:10px;
           box-shadow: rgba(0, 0, 0, 0.19) 0px 10px 20px, rgba(0, 0, 0, 0.23) 0px 6px 6px;
        }
        .person h4{
           color:rgba(2, 3, 14, 0.76);
        }
        img{
           height:100px;
           width:100px;
           border-radius:50%;
        }
        a{
           text-decoration: none;
           font-size: 15px;
           font-weight: 400;
        }
        i{
           margin-left:5px;
           color:black;
        }
    </style>
    <div class="container">
      <div class="image-section">
        <div class="hero">
          <div class="person person1">
            <img src="https://wallpaperaccess.com/full/1385382.jpg" alt="">
            <h4>DHINESH KUMAR</h4>
            <a href="https://github.com/EVIGANASBANU"><i class="fa-brands fa-
github"></i>Github</a>
          </div>
          <div class="person person2">
            <img src="https://wallpaperaccess.com/full/3520511.png" alt="">
            <h4>AASAI THAMBI</h4>
            <a href="https://github.com/ABINAYA20020324"><i class="fa-brands fa-
github"></i>Github</a>
          </div>
          <div class="person person1">
```

```html
        <img
src="https://builtin.com/sites/www.builtin.com/files/styles/ckeditor_optimize/public/inline-
images/software-engineering-perspectives-software-engineer-job-outlook.jpeg" alt="">
        <h4>HARISH KUMAR</h4>
        <a href="https://github.com/PRIYADHARSHINI0709"><i class="fa-brands fa-
github"></i>Github</a>
        </div>
        <div class="person person1">
        <img src="https://res.cloudinary.com/practicaldev/image/fetch/s--Cn5xBVNt--
/c_imagga_scale,f_auto,fl_progressive,h_900,q_auto,w_1600/https://dev-to-
uploads.s3.amazonaws.com/uploads/articles/3br4y6f9isitvhhat81z.jpeg" alt="">
        <h4>SATHEESH</h4>
        <a href="https://github.com/SUSILARANI208"><i class="fa-brands fa-
github"></i>Github</a>
        </div>
        </div>
    </div>
  </div>
</body>
</html>
```
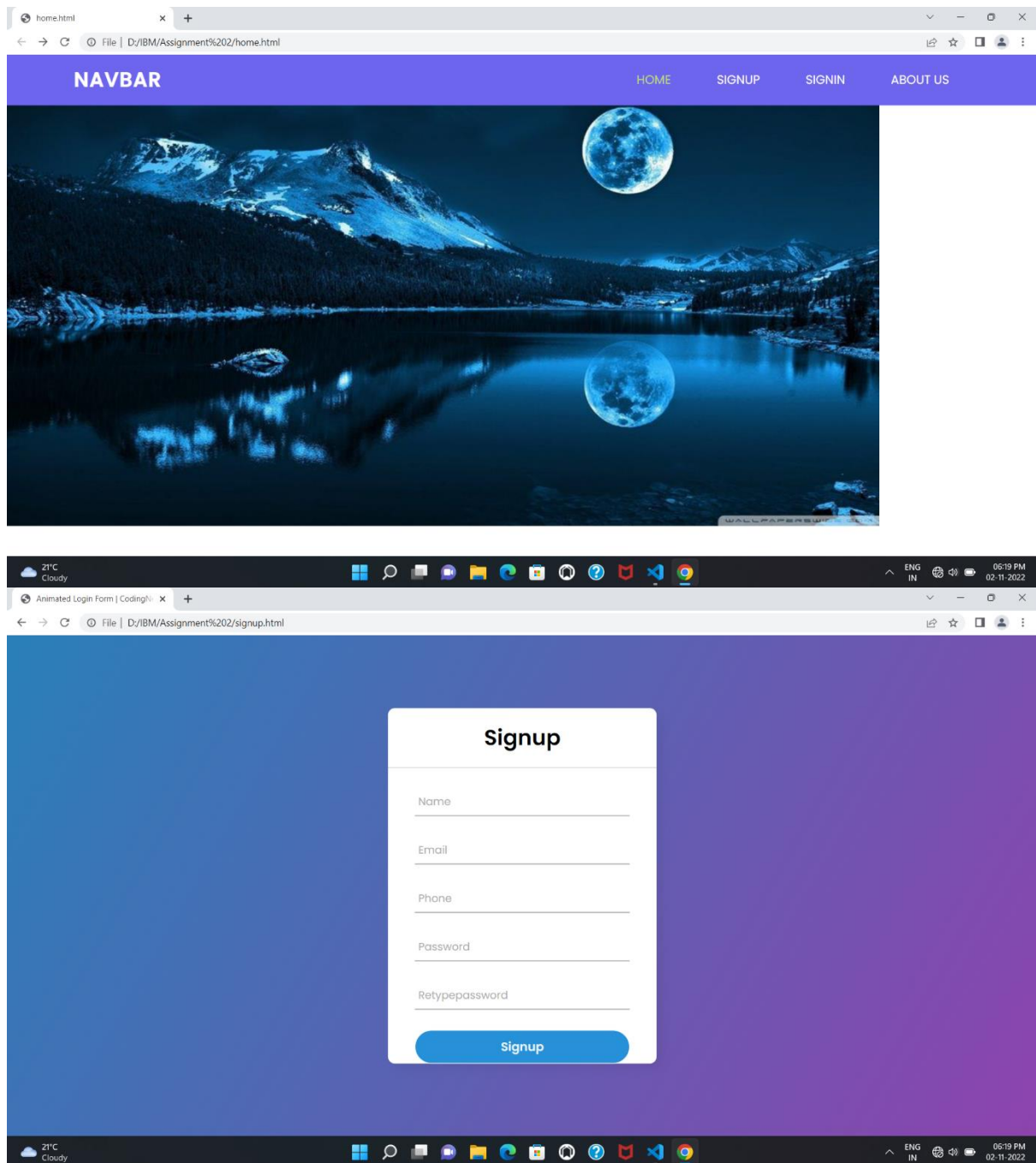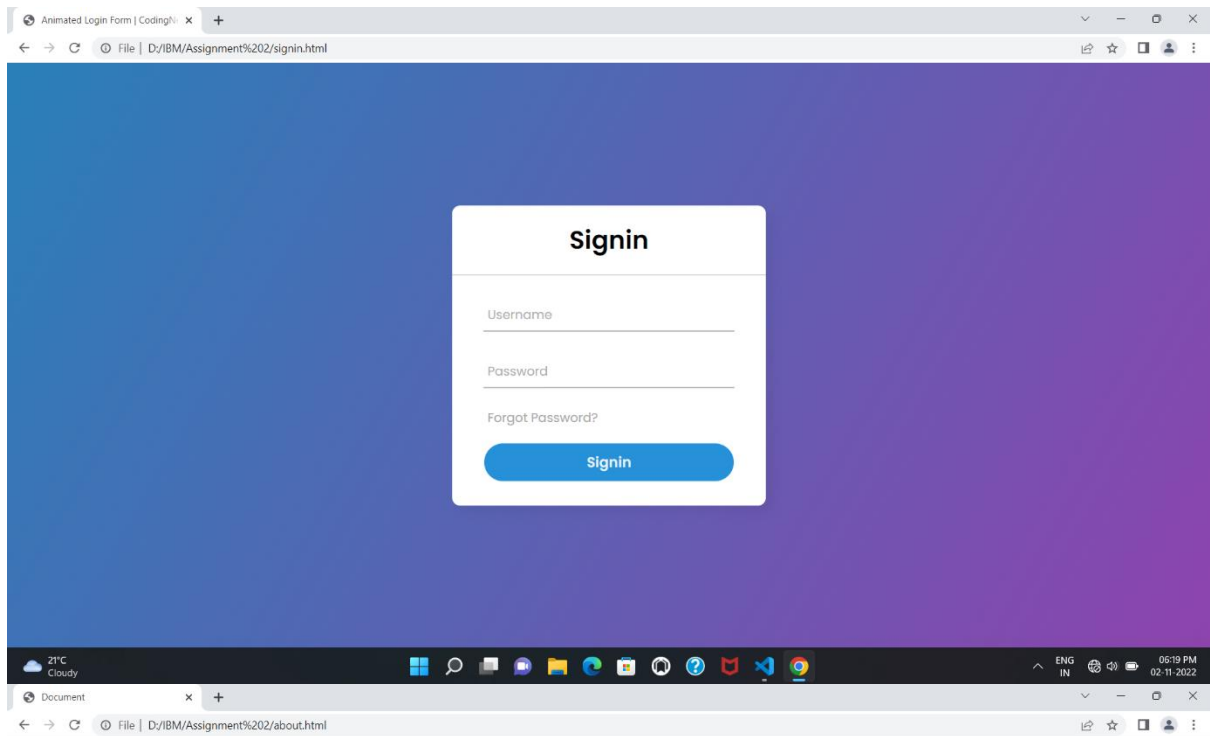
App.py:

```python
from flask import Flask,render_template
app=Flask(__name__)
@app.route('/home')
def home():
    return render_template('home.html')
@app.route('/signin')
def signin():
    return render_template('signin.html')
@app.route('/about')
def about():
    return render_template('about.html')
@app.route('/signup')
def signup():
    return render_template('signup.html')
if __name__=='__main__':
    app.run(host='0.0.0.0', port=8081, debug=True)
```

Output:

Animated Login Form | CodingN...

File | D:/IBM/Assignment%202/signin.html

Signin

Username

Password

Forgot Password?

Signin

21°C
Cloudy

ENG
IN

06:19 PM
02-11-2022

Document

File | D:/IBM/Assignment%202/about.html

OUR TEAM

DHINESH KUMAR

Github

AASAI THAMBI

Github

HARISH KUMAR

Github

SATHEESH

Github

21°C
Cloudy

ENG
IN

06:20 PM
02-11-2022