

## Assignment -2

Assignment Date	10 October 2022
Student Name	Sajith Ram S
Student Roll Number	61071911139
Maximum Marks	2 Marks

### Question-1

1. Create a Flask app
2. Add the Home page, About Page
3. Add the Bootstrap
4. Add the Sign in page and App the Signup Page + database connectivity

### Solution:-

#### Home.html

```
<meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-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;
}
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">
    
</div>
</body>
</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;500;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;
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>
    <input type="submit" value="Signup">
    </div>
</form>
</div>

</body>
</html>

```

## Signin.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;500;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;
  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>

```

## About.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/CkQoPOWDDdYTDqerRdPCVd1SpvCA9XXcUnZS2FmJNp1coAFzvtCN9BmamE+4aHK8yyUH
USCcJHgXloTyT2A==" crossorigin="anonymous" referrerpolicy="no-referrer" />
    <title>Document</title>
</head>

<style>
    h1{
        font-family: Arial, Helvetica, sans-serif;
    }
    body{
        font-family: 'Times New Roman', Times, serif;
    }
    .container{
        margin-top:70px;
    }
    .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;
}
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;
    }
    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;
    }
}

</style>
<body>
    <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>
    <h1 class="head">OUR TEAM</h1>

    <div class="container">
        <div class="image-section">
            <div class="hero">
                <div class="person person1">
                    
                    <h4>SAJITH RAM</h4>
                </div>
            </div>
        </div>
    </div>

```

```

        <a href="https://github.com/sajithram112"><i class="fa-brands fa-
github"></i>Github</a>
    </div>
    <div class="person person2">
        
        <h4>RANJITH KUMAR</h4>
        <a href="https://github.com/ranjithkumar007555"><i class="fa-brands fa-
github"></i>Github</a>
    </div>
    <div class="person person1">
        
        <h4>AJITH</h4>
        <a href="https://github.com/Ajith111222"><i class="fa-brands fa-
github"></i>Github</a>
    </div>
    <div class="person person1">
        
        <h4>SAVIO</h4>
        <a href="https://github.com/savio1912"><i class="fa-brands fa-
github"></i>Github</a>
    </div>
</div>
</div>
</body>
</html>

```

## App.py

```

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')

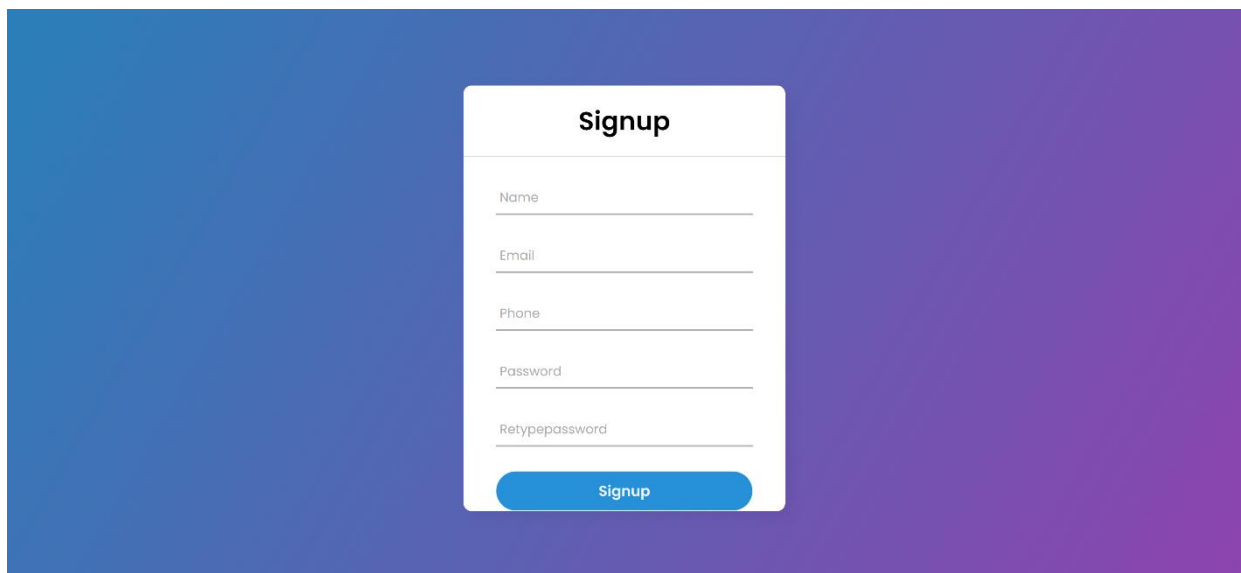
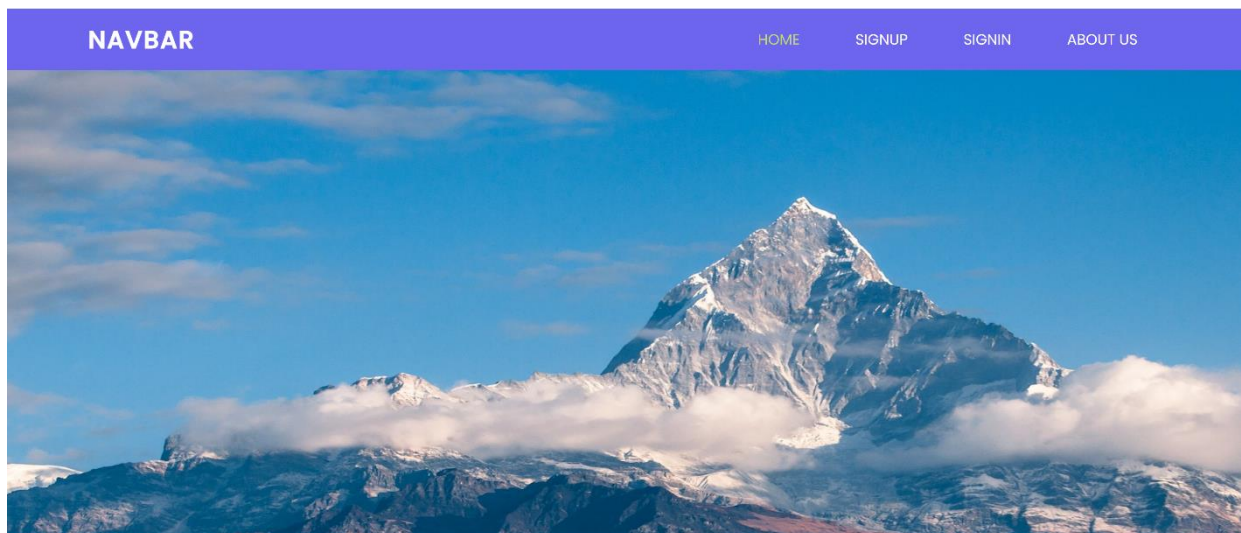
@app.route('/signup')
def signup():

```

```
return render_template('signup.html')

if __name__ == '__main__':
    app.run(host='0.0.0.0', port=3000, debug=True)
```

**Output :-**

The image displays a 'Signup' form centered on a background with a vertical gradient from blue on the left to purple on the right. The form itself is a white rectangular box with rounded corners. At the top of the form, the word 'Signup' is written in a bold, black font. Below the title, there are five input fields, each with a label to its left: 'Name', 'Email', 'Phone', 'Password', and 'Retypepassword'. Each label is in a small, gray font. At the bottom of the form, there is a blue button with the word 'Signup' written in white. The overall design is clean and modern.



SAJITH RAM



RANJITH KUMAR



AJITH



SAVIO

