

**Assignment -2**  
Python Programming

Assignment Date	19 September 2022
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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:**

```
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)
```

About Page :

```
<!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/CkQoPOWDDdYTDqERdPCVd1SpvCA9XXcUnZS2FmJNp1coAFzvtCN9BmamE+4aHK8yyUH  
USCcJHgXloTyT2A==" 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">
                
                <h3>Sunandh Kumar L</h3>
            </div>
            <div class="person person2">

```

```

        
        <h3>Sriram Haneesh Chowdary</h3>
    </div>
    <div class="person person1">
        
        <h3>Singam siva sai Ganesh reddy</h3>
    </div>
    <div class="person person1">
        
        <h3>Sanaka Gnaneswara sai</h3>
    </div>
    </div>
</div>
</body>
</html>

```

Signin page :

```

<!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>

```

Signup Page:

```

<!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>
  </form>
</div>
```

```

</div>
<div>
  <div class="txt_field">
    <input type="retypepassword" required>
    <span></span>
    <label>Retyepassword</label>
  </div>
  <input type="submit" value="Signup">
</div>
</form>
</div>

```

```

</body>
</html>

```

Home Page :

```

<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;

```

```

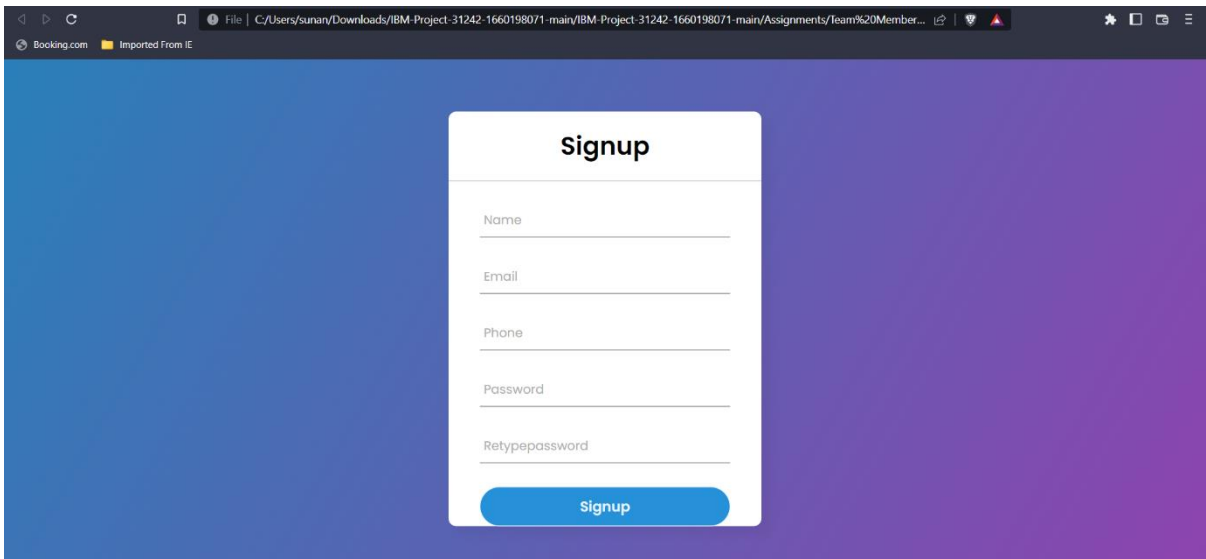
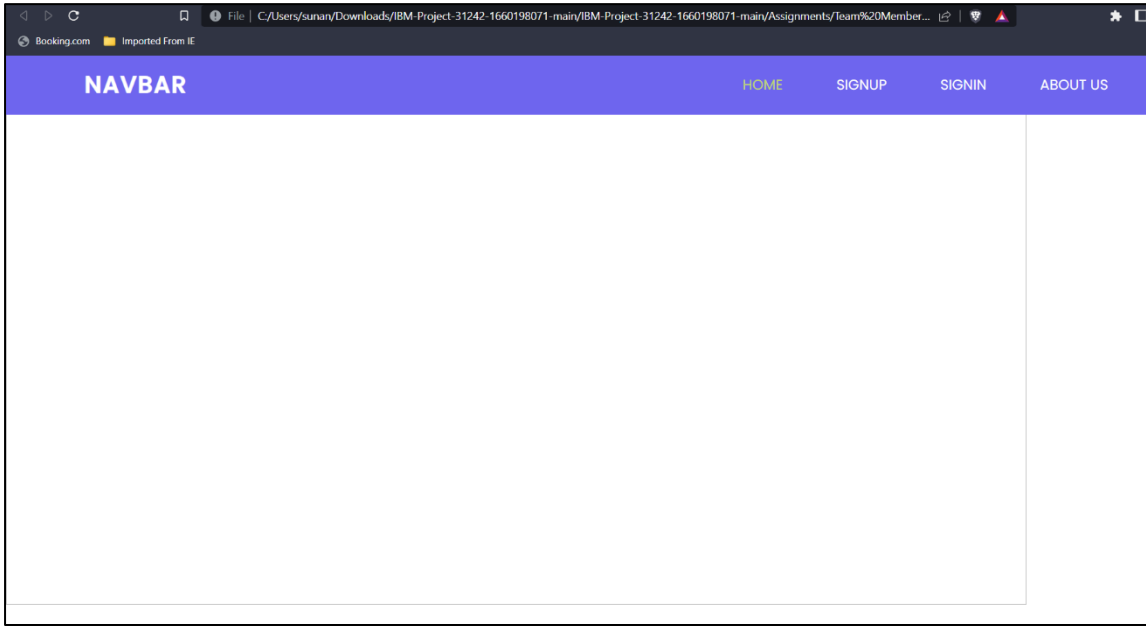
        text-transform: uppercase;
    }
    nav ul{
        float: right;
    }
    nav ul li{
        display: inline-block;
        list-style: none;
    }
    nav ul li a{
        color:#fff;
        text-decoration: none;
        font-size: 18px;
        text-transform: uppercase;
        padding:0px 32px;
    }
    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="{ url_for('signup') }">Signup</a></li>
            <li><a href="{ url_for('signin') }">Signin</a></li>
            <li><a href="{ url_for('about') }">About us</a></li>

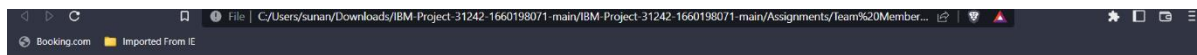
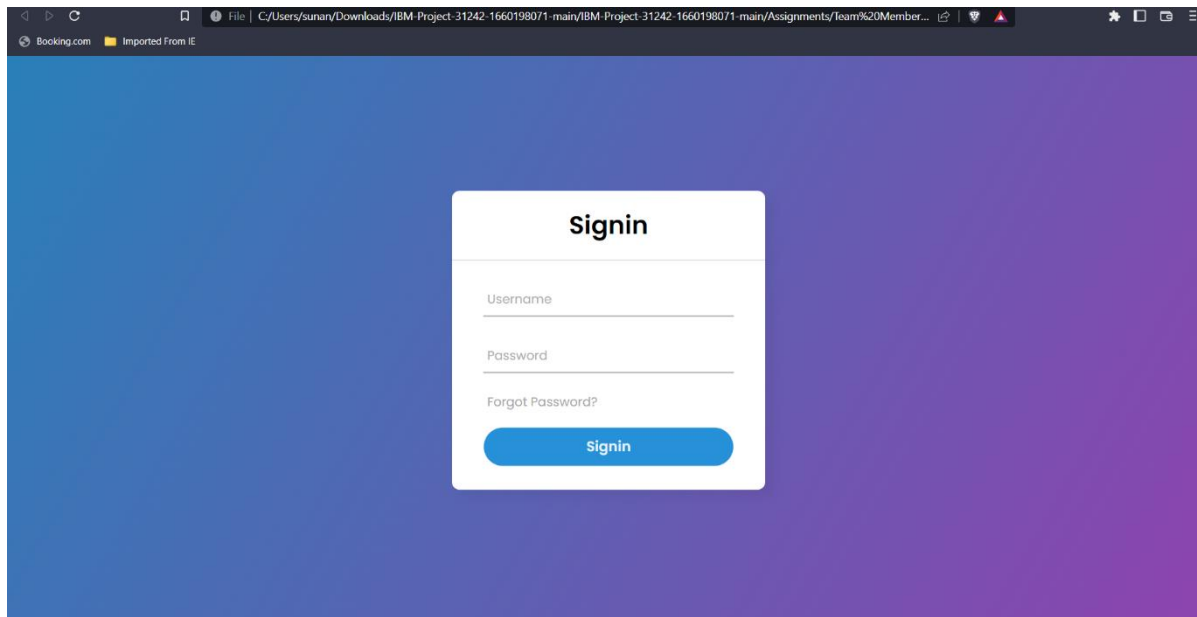
        </ul>
    </nav>
    <div class="image">
        

    </div>

```

```
</body>
</html>
```





## OUR TEAM

