

IBM

ASSIGNMENT – 2

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

HTML

Home.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" />
    <title>Home</title>
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
      crossorigin="anonymous"
    />
  </head>
  <body class="px-4 py-3">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <a class="navbar-brand" href="#">Flask</a>
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbarNavAltMarkup"
        aria-controls="navbarNavAltMarkup"
        aria-expanded="false"
        aria-label="Toggle navigation"
      >
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
        <div class="navbar-nav">
          <a class="nav-item nav-link active" href="/">Home </a>
          <a class="nav-item nav-link" href="/about">About</a>
        </div>
      </div>
    </nav>
  </body>
</html>
```

```

        <a class="nav-item nav-link" href="/login">Login</a>
        <a class="nav-item nav-link" href="/register">Register</a>
    </div>
</div>
</nav>
<h1>Home Page</h1>
</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" />
    <title>About</title>
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
      crossorigin="anonymous"
    />
  </head>
  <body class="px-4 py-3">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <a class="navbar-brand" href="#">Flask</a>
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbarNavAltMarkup"
        aria-controls="navbarNavAltMarkup"
        aria-expanded="false"
        aria-label="Toggle navigation"
      >
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
        <div class="navbar-nav">
          <a class="nav-item nav-link" href="/">Home </a>
          <a class="nav-item nav-link active" href="/about">About</a>
          <a class="nav-item nav-link" href="/login">Login</a>
          <a class="nav-item nav-link" href="/register">Register</a>
        </div>
      </div>
    </nav>
  </body>
</html>

```

```

    </div>
  </nav>
  <h1>About Page</h1>
</body>
</html>

```

Register.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" />
    <title>Register</title>
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
      crossorigin="anonymous"
    />
  </head>
  <body class="px-4 py-3">
    <nav class="navbar navbar-expand-lg navbar-light bg-light">
      <a class="navbar-brand" href="#">Flask</a>
      <button
        class="navbar-toggler"
        type="button"
        data-toggle="collapse"
        data-target="#navbarNavAltMarkup"
        aria-controls="navbarNavAltMarkup"
        aria-expanded="false"
        aria-label="Toggle navigation"
      >
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
        <div class="navbar-nav">
          <a class="nav-item nav-link" href="/">Home </a>
          <a class="nav-item nav-link" href="/about">About</a>
          <a class="nav-item nav-link active" href="/login">Login</a>
          <a class="nav-item nav-link" href="/register">Register</a>
        </div>
      </div>
    </nav>

```

```

<h3>Register</h3>
<form>
  <div class="form-group">
    <label for="exampleInputEmail1">Email address</label>
    <input
      type="email"
      class="form-control"
      id="exampleInputEmail1"
      aria-describedby="emailHelp"
      placeholder="Enter email"
    />
  </div>
  <div class="form-group">
    <label for="exampleInputPassword1">Password</label>
    <input
      type="password"
      class="form-control"
      id="exampleInputPassword1"
      placeholder="Password"
    />
  </div>
  <div class="form-check">
    <input type="checkbox" class="form-check-input" id="exampleCheck1" />
    <label class="form-check-label" for="exampleCheck1">Check me
out</label>
  </div>
  <button type="submit" class="btn btn-primary">Submit</button>
</form>
</body>

```

Login.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" />
    <title>Login</title>
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-
iYQeCzEYFbKjA/T2uDLtpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
      crossorigin="anonymous"
    />
  </head>

```

```

<body class="px-4 py-3">
  <nav class="navbar navbar-expand-lg navbar-light bg-light">
    <a class="navbar-brand" href="#">Flask</a>
    <button
      class="navbar-toggler"
      type="button"
      data-toggle="collapse"
      data-target="#navbarNavAltMarkup"
      aria-controls="navbarNavAltMarkup"
      aria-expanded="false"
      aria-label="Toggle navigation"
    >
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
      <div class="navbar-nav">
        <a class="nav-item nav-link" href="/">Home </a>
        <a class="nav-item nav-link" href="/about">About</a>
        <a class="nav-item nav-link active" href="/login">Login</a>
        <a class="nav-item nav-link" href="/register">Register</a>
      </div>
    </div>
  </nav>
  <h3>Login</h3>
  <form>
    <div class="form-group">
      <label for="exampleInputEmail1">Email address</label>
      <input
        type="email"
        class="form-control"
        id="exampleInputEmail1"
        aria-describedby="emailHelp"
        placeholder="Enter email"
      />
    </div>
    <div class="form-group">
      <label for="exampleInputPassword1">Password</label>
      <input
        type="password"
        class="form-control"
        id="exampleInputPassword1"
        placeholder="Password"
      />
    </div>
    <div class="form-check">
      <input type="checkbox" class="form-check-input" id="exampleCheck1" />
      <label class="form-check-label" for="exampleCheck1">Check me
out</label>

```

```

        </div>
        <button type="submit" class="btn btn-primary">Submit</button>
    </form>
</body>
</html>

```

Flask:

App.py

```

from flask import Flask,render_template

app = Flask(__name__)

@app.route("/")
def hello_world():
    return render_template('home.html', name="Home")

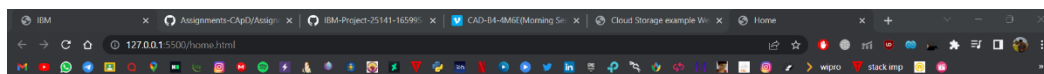
@app.route("/about")
def about():
    return render_template('about.html', name="About")

@app.route("/login")
def login():
    return render_template('login.html', name="Login")

@app.route("/register")
def register():
    return render_template('register.html', name="Register")

```

OUTPUT:



Flask Home About Login Register

Home Page



18:31
07-11-2022

