Assignment 2
Html, Css and Python

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Maximum Marks	2 Marks

Question:

Create html file

1.Create User table with email, username, roll number, password.

2.Perform UPDATE, DELETE, Quries with user table.

3.Connect python code to db2.

4.Create a flask app with registration page and welcome page.

Solution:

login.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" />
    <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>
```

```html
    <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>
```

Register.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" />
    <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">
```

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

Home.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" />
    <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"
```

```html
            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>
              <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>
```

Create.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" />
    <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>
    <h1>About Page</h1>
  </body>
</html>
```

app.py

```python
from flask import Flask,render_template

app = Flask(__name__)

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

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


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

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