

```

from flask import Flask, render_template, request, redirect, url_for, session

import ibm_db

import bcrypt

conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=2f3279a5-73d1-4859-88f0-
a6c3e6b4b907.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;PORT=30756;SECURITY=SSL;
SSLServerCertificateDigiCertGlobalRootCA.crt;PROTOCOL=TCPIP;UID=nhl80748;PWD=3yD0G9e6VuQHsO
BX;", "", "")

#url_for('static', filename='style.css')


app = Flask(__name__)

app.secret_key = b'_5#y2L"F4Q8z\n\xec]/'


@app.route("/",methods=['GET'])

def home():

    if 'email' not in session:

        return redirect(url_for('index'))

    return render_template('home.html',name='Home')

@app.route("/index")

def index():

    return render_template('index.html')


@app.route("/register",methods=['GET','POST'])

def register():

    if request.method == 'POST':

        username = request.form['username']

        email = request.form['email']

```

```
phoneno = request.form['phoneno']
```

```
password = request.form['password']
```

```
if not username or not email or not phoneno or not password:
```

```
    return render_template('register.html',error='Please fill all fields')
```

```
hash=bcrypt.hashpw(password.encode('utf-8'),bcrypt.gensalt())
```

```
query = "SELECT * FROM user_detail WHERE email=? OR phoneno=?"
```

```
stmt = ibm_db.prepare(conn, query)
```

```
ibm_db.bind_param(stmt,1,email)
```

```
ibm_db.bind_param(stmt,2,phoneno)
```

```
ibm_db.execute(stmt)
```

```
isUser = ibm_db.fetch_assoc(stmt)
```

```
if not isUser:
```

```
    insert_sql = "INSERT INTO user_detail(username, email, phoneno, password) VALUES (?, ?, ?, ?)"
```

```
    prep_stmt = ibm_db.prepare(conn, insert_sql)
```

```
    ibm_db.bind_param(prepare_stmt, 1, username)
```

```
    ibm_db.bind_param(prepare_stmt, 2, email)
```

```
    ibm_db.bind_param(prepare_stmt, 3, phoneno)
```

```
    ibm_db.bind_param(prepare_stmt, 4, hash)
```

```
    ibm_db.execute(prepare_stmt)
```

```
    return render_template('register.html',success="You can login")
```

```
else:
```

```
    return render_template('register.html',error='Invalid Credentials')
```

```
return render_template('register.html',name='Home')
```

```
@app.route("/login",methods=['GET','POST'])

def login():

    if request.method == 'POST':

        email = request.form['email']

        password = request.form['password']


    if not email or not password:

        return render_template('login.html',error='Please fill all fields')

    query = "SELECT * FROM user_detail WHERE email=?"

    stmt = ibm_db.prepare(conn, query)

    ibm_db.bind_param(stmt,1,email)

    ibm_db.execute(stmt)

    isUser = ibm_db.fetch_assoc(stmt)

    print(isUser,password)


    if not isUser:

        return render_template('login.html',error='Invalid Credentials')


    isPasswordMatch = bcrypt.checkpw(password.encode('utf-8'),isUser['PASSWORD'].encode('utf-8'))

    if not isPasswordMatch:

        return render_template('login.html',error='Invalid Credentials')


    session['email'] = isUser['EMAIL']
```

```
return redirect(url_for('home'))
```

```
return render_template('login.html',name='Home')
```

```
@app.route("/admin",methods=['GET','POST'])
```

```
def adregister():
```

```
    if request.method == 'POST':
```

```
        username = request.form['username']
```

```
        email = request.form['email']
```

```
        phoneno = request.form['phoneno']
```

```
        password = request.form['password']
```

```
    if not username or not email or not phoneno or not password:
```

```
        return render_template('adminregister.html',error='Please fill all fields')
```

```
    hash=bcrypt.hashpw(password.encode('utf-8'),bcrypt.gensalt())
```

```
    query = "SELECT * FROM admin_detail WHERE email=? OR phoneno=?"
```

```
    stmt = ibm_db.prepare(conn, query)
```

```
    ibm_db.bind_param(stmt,1,email)
```

```
    ibm_db.bind_param(stmt,2,phoneno)
```

```
    ibm_db.execute(stmt)
```

```
    isUser = ibm_db.fetch_assoc(stmt)
```

```
    if not isUser:
```

```
        insert_sql = "INSERT INTO admin_detail(username, email, phoneno, password) VALUES (?, ?, ?, ?)"
```

```
        prep_stmt = ibm_db.prepare(conn, insert_sql)
```

```
        ibm_db.bind_param(prepare_stmt, 1, username)
```

```

    ibm_db.bind_param(prepare_stmt, 2, email)

    ibm_db.bind_param(prepare_stmt, 3, phoneno)

    ibm_db.bind_param(prepare_stmt, 4, hash)

    ibm_db.execute(prepare_stmt)

    return render_template('adminregister.html',success="You can login")

else:

    return render_template('adminregister.html',error='Invalid Credentials')


return render_template('adminregister.html',name='Home')


@app.route("/adminlogin",methods=['GET','POST'])
def adlogin():

    if request.method == 'POST':

        email = request.form['email']

        password = request.form['password']


    if not email or not password:

        return render_template('adminlogin.html',error='Please fill all fields')

    query = "SELECT * FROM admin_detail WHERE email=?"

    stmt = ibm_db.prepare(conn, query)

    ibm_db.bind_param(stmt,1,email)

    ibm_db.execute(stmt)

    isUser = ibm_db.fetch_assoc(stmt)

    print(isUser,password)

```

```
if not isUser:
```

```
    return render_template('adminlogin.html',error='Invalid Credentials')
```

```
isPasswordMatch = bcrypt.checkpw(password.encode('utf-8'),isUser['PASSWORD'].encode('utf-8'))
```

```
if not isPasswordMatch:
```

```
    return render_template('adminlogin.html',error='Invalid Credentials')
```

```
session['email'] = isUser['EMAIL']
```

```
return redirect(url_for('home'))
```

```
return render_template('adminlogin.html',name='Home')
```

```
@app.route('/logout')
```

```
def logout():
```

```
    session.pop('email', None)
```

```
    return redirect(url_for('login'))
```

```
if __name__ == "__main__":
```

```
    app.run(debug=True)
```