

```

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

import ibm_db

import secrets


conn =
ibm_db.connect("DATABASE="+DATABASE_NAME+";HOSTNAME="+HOST+";PORT="+PORT+";SECUR
ITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID="+USER_ID+";PWD="+PASSWORD,"")


app = Flask(__name__)
app.secret_key = "69420"


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

    return render_template('index.html', title='Home')


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

    return render_template('about.html', title='About')


@app.route('/signin', methods=('GET', 'POST'))
def signin():

    error = None

    if request.method == 'POST':

        username = request.form['username']

        password = request.form['password']

        db = get_db()

        user = db.execute(

            'SELECT password FROM users WHERE username = ?', (username, )

        ).fetchone()

```

```
if user is None:
```

```
    error = 'Incorrect Username/Password.'
```

```
elif password != user['password']:
```

```
    print(user)
```

```
    error = 'Incorrect Password.'
```

```
if error is None:
```

```
    return redirect(url_for('index'))
```

```
flash(error)
```

```
db.close()
```

```
return render_template('signin.html', title='Sign In', error=error)
```

```
@app.route('/signup', methods=('POST', 'GET'))
```

```
def signup():
```

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

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

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

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

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

```
        db = get_db()
```

```
        curr = db.cursor()
```

```
        curr.execute(
```

```
            'INSERT INTO users (username, password, email, name) VALUES (?, ?, ?, ?);', (username,  
password, email, name)
```

```
        )
```

```
        db.commit()
```

```
        curr.close()
```

```
db.close()
```

```
return render_template('index.html', title="Home", succ="Registration Successfull!")
```

```
return render_template('signup.html', title='Sign Up')
```