From flask import Flask, render\_template, request, redirect, url\_for, flash

Import sqlite3

App = Flask(\_\_name\_\_)

App.secret\_key = “69420”

Def init\_db():

Db = sqlite3.connect(‘users.db’)

With open(‘schema.sql’, ‘r’) as schema:

Db.executescript(schema.read())

Db.commit()

@app.cli.command(‘initdb’)

Def initdb\_cmd():

Init\_db()

Print(“Initialised database.”)

Def get\_db():

Conn = sqlite3.connect(‘users.db’)

Conn.row\_factory = sqlite3.Row

Return conn

@app.route(‘/home’)

Def index():

Return render\_template(‘index.html’, title=’Home’)

@app.route(‘/profile’)

Def profile():

Return render\_template(‘profile.html’, title=’Profile’)

@app.route(‘/about’)

Def about():

Return render\_template(‘about.html’, title=’About’)

@app.route(‘/login’, 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(‘profile’))

Flash(error)

Db.close()

Return render\_template(‘login.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 Successful!”)

Return render\_template(‘signup.html’, title=’Sign Up’)

If \_\_name\_\_ == ‘\_\_app\_\_’:

App.run(debug = True)