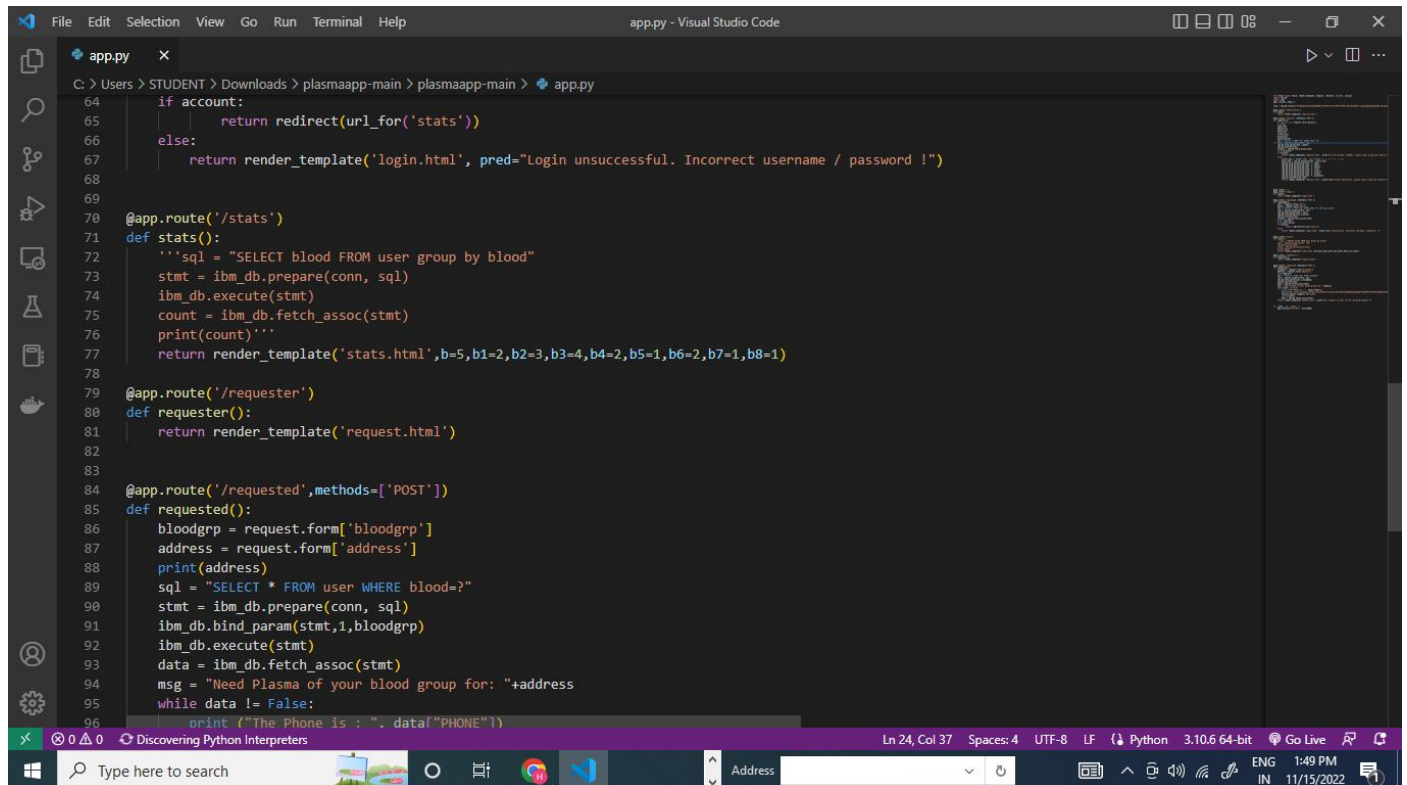
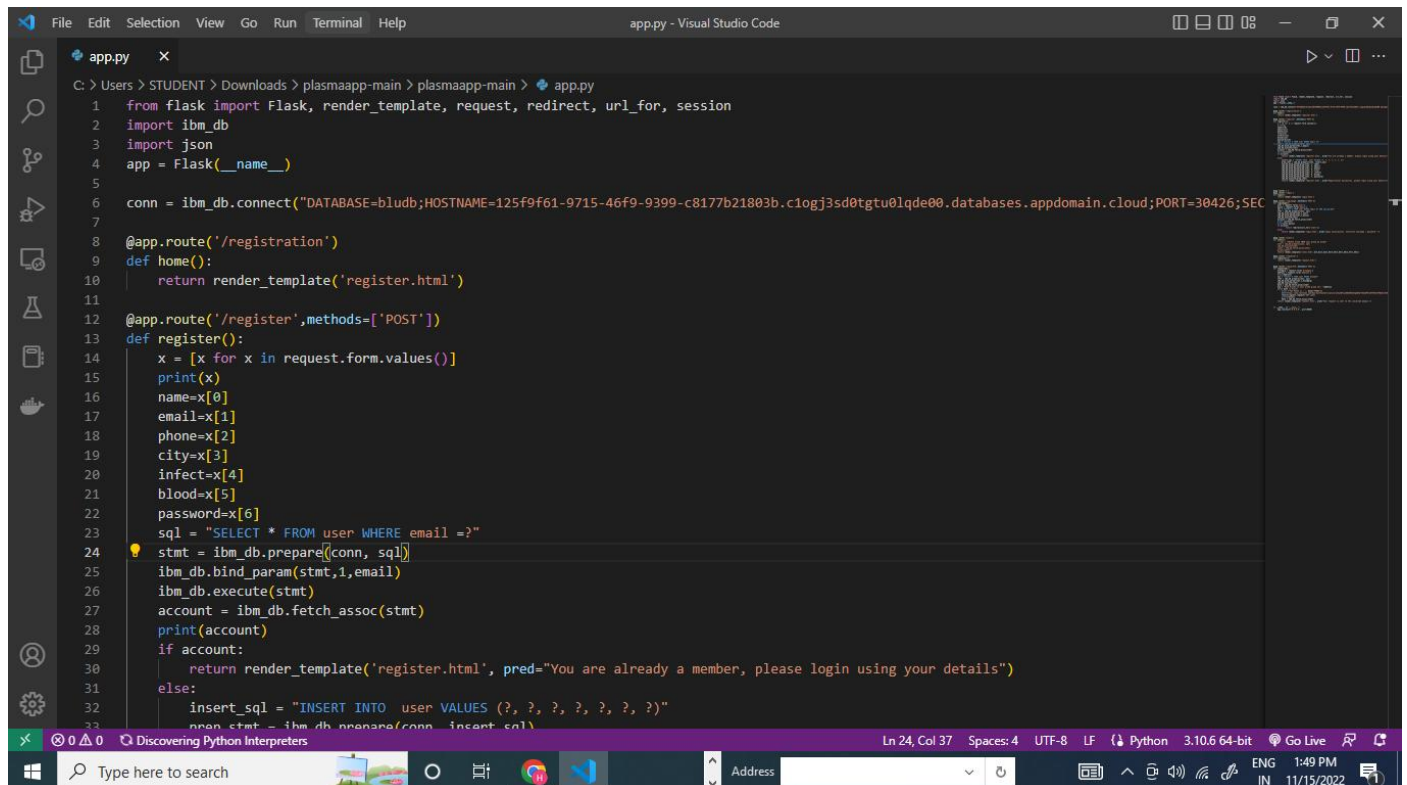


Connect ibm_db 2 with python:



```
app.py
C:\Users\STUDENT\Downloads\plasmaapp-main> plasmaapp-main > app.py
64     if account:
65         return redirect(url_for('stats'))
66     else:
67         return render_template('login.html', pred="Login unsuccessful. Incorrect username / password !")
68
69
70 @app.route('/stats')
71 def stats():
72     '''sql = "SELECT blood FROM user group by blood"
73     stmt = ibm_db.prepare(conn, sql)
74     ibm_db.execute(stmt)
75     count = ibm_db.fetch_assoc(stmt)
76     print(count)'''
77     return render_template('stats.html', b=5, b1=2, b2=3, b3=4, b4=2, b5=1, b6=2, b7=1, b8=1)
78
79 @app.route('/requester')
80 def requester():
81     return render_template('request.html')
82
83
84 @app.route('/requested', methods=['POST'])
85 def requested():
86     bloodgrp = request.form['bloodgrp']
87     address = request.form['address']
88     print(address)
89     sql = "SELECT * FROM user WHERE blood=?"
90     stmt = ibm_db.prepare(conn, sql)
91     ibm_db.bind_param(stmt, 1, bloodgrp)
92     ibm_db.execute(stmt)
93     data = ibm_db.fetch_assoc(stmt)
94     msg = "Need Plasma of your blood group for: "+address
95     while data != False:
96         print("The Phone is : ". data["PHONE"])
```



```
app.py
C:\Users\STUDENT\Downloads\plasmaapp-main> plasmaapp-main > app.py
1  from flask import Flask, render_template, request, redirect, url_for, session
2  import ibm_db
3  import json
4  app = Flask(__name__)
5
6  conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=125f9f61-9715-46f9-9399-c8177b21803b.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=30426;SEC
7
8  @app.route('/registration')
9  def home():
10     return render_template('register.html')
11
12 @app.route('/register', methods=['POST'])
13 def register():
14     x = [x for x in request.form.values()]
15     print(x)
16     name=x[0]
17     email=x[1]
18     phone=x[2]
19     city=x[3]
20     infect=x[4]
21     blood=x[5]
22     password=x[6]
23     sql = "SELECT * FROM user WHERE email =?"
24     stmt = ibm_db.prepare(conn, sql)
25     ibm_db.bind_param(stmt, 1, email)
26     ibm_db.execute(stmt)
27     account = ibm_db.fetch_assoc(stmt)
28     print(account)
29     if account:
30         return render_template('register.html', pred="You are already a member, please login using your details")
31     else:
32         insert_sql = "INSERT INTO user VALUES (?, ?, ?, ?, ?, ?, ?)"
33         new_stmt = ibm_db.prepare(conn, insert_sql)
```