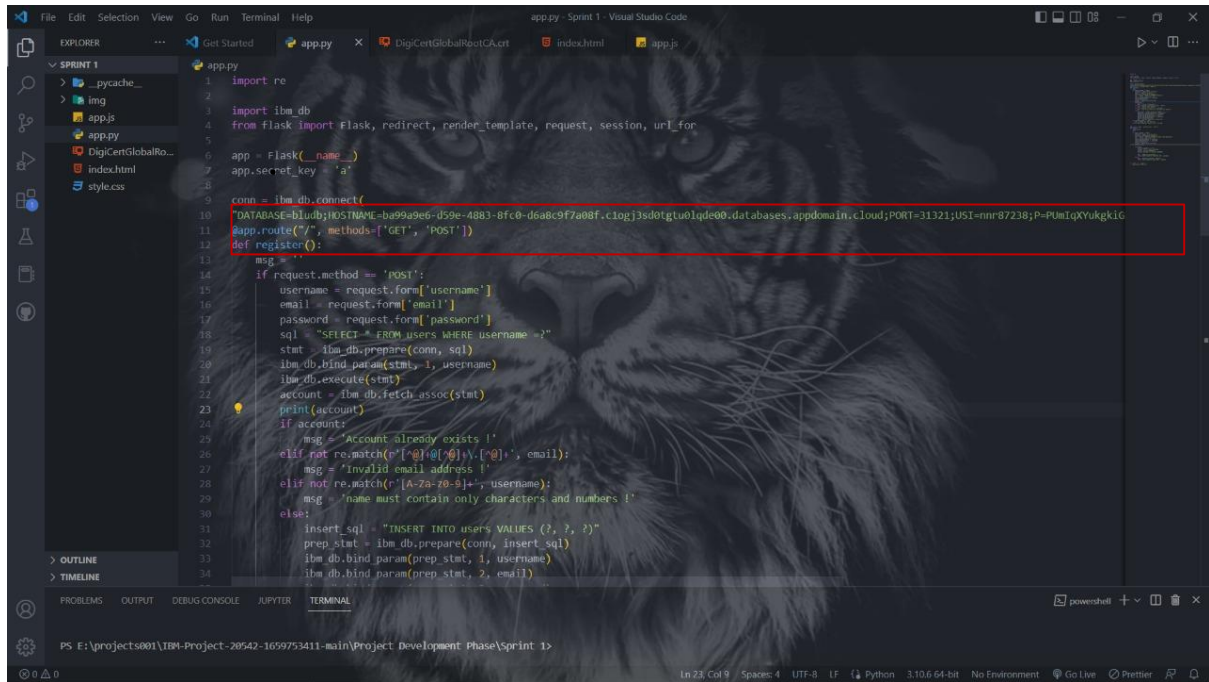


Create IBM D2 and Connect with Python

Team ID	PNT2022TMID27418
Project Name	News Tracker Application

Create IBM D2 and connecting it with python



```
1 import re
2
3 import ibm_db
4 from flask import Flask, redirect, render_template, request, session, url_for
5
6 app = Flask(__name__)
7 app.secret_key = 'a'
8
9 conn = ibm_db.connect(
10     "DATABASE=blubb;HOSTNAME=b99a9ed-d59e-48b3-8fc0-d6a8c9f7a08f.c10g13dotglw0lqde00.databases.appdomain.cloud;PORT=31321;USER=nmr87238;P=PumLqXyukgkIG",
11     "", ""
12 )
13 def register():
14     msg = ''
15     if request.method == 'POST':
16         username = request.form['username']
17         email = request.form['email']
18         password = request.form['password']
19         sql = "SELECT * FROM users WHERE username =?"
20         stmt = ibm_db.prepare(conn, sql)
21         ibm_db.bind_param(stmt, 1, username)
22         ibm_db.execute(stmt)
23         account = ibm_db.fetch_assoc(stmt)
24         print(account)
25         if account:
26             msg = 'Account already exists !'
27         elif not re.match(r'[^@]{1,40}@.{1,40}', email):
28             msg = 'Invalid email address !'
29         elif not re.match(r'[A-Za-z0-9]+', username):
30             msg = 'name must contain only characters and numbers !'
31         else:
32             insert_sql = "INSERT INTO users VALUES (?, ?, ?)"
33             prep_stmt = ibm_db.prepare(conn, insert_sql)
34             ibm_db.bind_param(prepare_stmt, 1, username)
35             ibm_db.bind_param(prepare_stmt, 2, email)
```