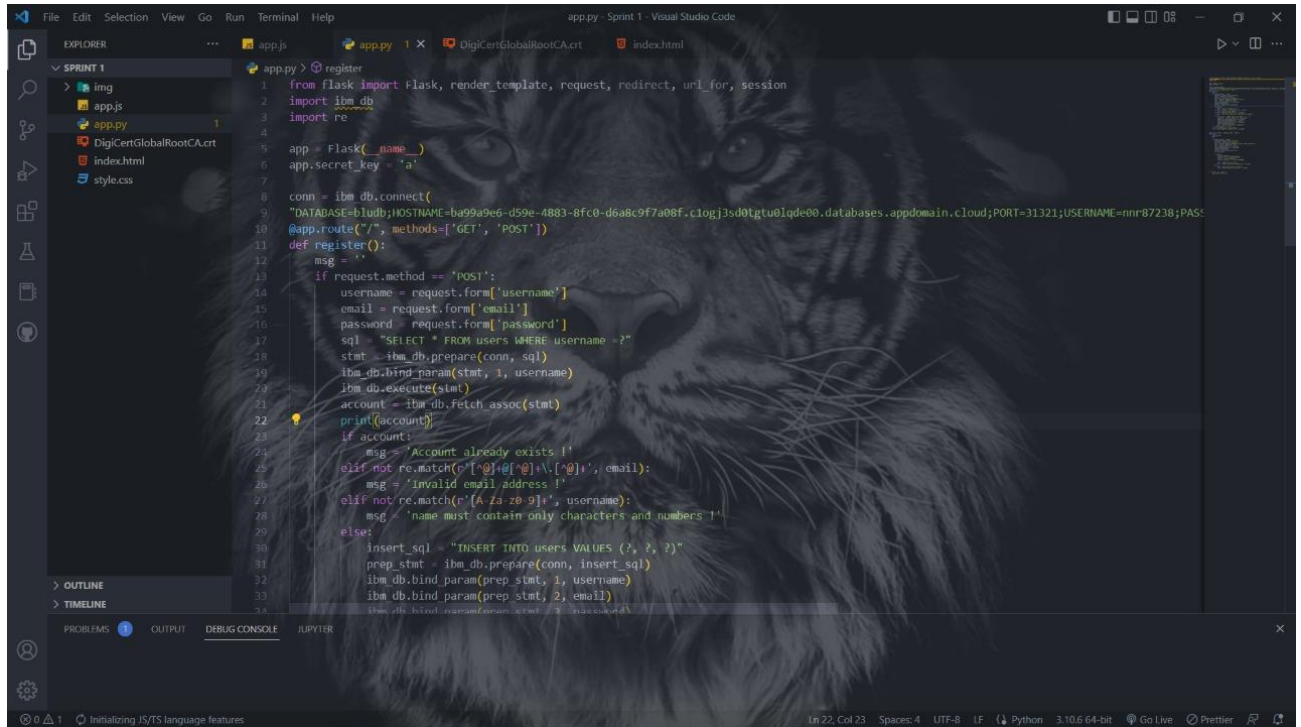


CREATING FLASK PROJECT

Team ID	PNT2022TMID27418
Project Name	News Tracker Application

Creating Project in Flask

The image shows a Visual Studio Code editor window with a Python Flask application. The Explorer sidebar on the left shows a project structure for 'SPRINT 1' with files like 'img', 'app.js', 'app.py', 'DigiCertGlobalRootCA.crt', 'index.html', and 'style.css'. The main editor area displays 'app.py' with the following code:

```
1 from flask import Flask, render_template, request, redirect, url_for, session
2 import ibm_db
3 import re
4
5 app = Flask(__name__)
6 app.secret_key = 'a'
7
8 conn = ibm_db.connect(
9     "DATABASE=bludb;HOSTNAME=ba99a9e6-d59e-4883-8fc0-d6a8c9f7a08f.c10g13sd0gtu0lqde00.databases.appdomain.cloud;PORT=31321;USERNAME=rnr87238;PAS:
10 @app.route('/', methods=['GET', 'POST'])
11 def register():
12     msg = ''
13     if request.method == 'POST':
14         username = request.form['username']
15         email = request.form['email']
16         password = request.form['password']
17         sql = "SELECT * FROM users WHERE username =?"
18         stmt = ibm_db.prepare(conn, sql)
19         ibm_db.bind_param(stmt, 1, username)
20         ibm_db.execute(stmt)
21         account = ibm_db.fetch_assoc(stmt)
22         print(account)
23         if account:
24             msg = 'Account already exists !'
25         elif not re.match(r'[^@]*@[^@]*\.[^@]*', email):
26             msg = 'Invalid email address !'
27         elif not re.match(r'[A-Za-z0-9]*', username):
28             msg = 'name must contain only characters and numbers !'
29         else:
30             insert_sql = "INSERT INTO users VALUES (?, ?, ?)"
31             prep_stmt = ibm_db.prepare(conn, insert_sql)
32             ibm_db.bind_param(prepare_stmt, 1, username)
33             ibm_db.bind_param(prepare_stmt, 2, email)
34             ibm_db.bind_param(prepare_stmt, 3, password)
35             ibm_db.execute(prepare_stmt)
```

The bottom status bar indicates the file is at 'Ln 22, Col 23' with 'Spaces: 4', 'UTF-8', 'LF' encoding, and the Python 3.10.6 64-bit interpreter is selected. Other icons for Go Live, Prettier, and other extensions are visible.