

Team ID	PNT2022TMID29840
Project Name	Project-Skill/Job Recommender Application

IBM DB2 CONNECTIVITY

The screenshot shows a VS Code editor window with a project named 'SPRINT_1'. The Explorer sidebar on the left shows the project structure: 'loginpage' (containing 'static' and 'templates'), 'app.py', and 'app.cpython-39.pyc'. The main editor area displays the code for 'app.py'. The code is a Flask application that connects to an IBM DB2 database and implements login and registration functionality.

```
loginpage > app.py
2 from turtle import st
3 from flask import Flask,render_template, request, redirect, url_for, session
4 import ibm_db
5 from markupsafe import escape
6 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=ea286ace-86c7-4d5b-8580-3fbfa46b1c66.bs2io90108kqb1od8lcg.databases.appdomain.cloud;PORT=3
7
8 app = Flask(__name__)
9
10 @app.route("/")
11 def log():
12     return render_template('login.html')
13
14 @app.route('/home')
15 def home():
16     return render_template('home.html')
17
18 @app.route('/register',methods = ['POST', 'GET'])
19 def register():
20     if request.method == 'POST':
21
22         name = request.form['username']
23         email = request.form['email']
24         password = request.form['password']
25
26         sql = "SELECT * FROM register WHERE email =?"
27         stmt = ibm_db.prepare(conn, sql)
28         ibm_db.bind_param(stmt,1,email)
29         ibm_db.execute(stmt)
30         account = ibm_db.fetch_assoc(stmt)
31
32         if account:
33             return render_template('login.html', msg="You are already signed up, please login using your correct details")
34         else:
35             insert_sql = "INSERT INTO register VALUES (?,?)"
36             prep_stmt = ibm_db.prepare(conn, insert_sql)
37             ibm_db.bind_param(prepare_stmt, 1, name)
38             ibm_db.bind_param(prepare_stmt, 2, email)
39             ibm_db.bind_param(prepare_stmt, 3, password)
```

LOGINPAGE DEBUG RUN

C:\Windows\System32\cmd.exe - flask --debug run

Microsoft Windows [Version 10.0.19045.2251]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo\Desktop\SPRINT_1\loginpage>flask --debug run

* Debug mode: on

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

* Running on http://127.0.0.1:5000

Press CTRL+C to quit

* Restarting with stat

* Debugger is active!

* Debugger PIN: 271-978-165

IBM CLOUD DB2

The screenshot shows the IBM Cloud user interface. At the top is a dark navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Sherly J's Account). Below the navigation bar, the page title is "Resource list / Db2-h1", followed by a green "Active" status indicator and a link to "Add tags". To the right of the resource name are links for "Details" and "Actions...". On the left side, there is a "Manage" sidebar with options: "Getting started", "Service credentials", and "Connections". The main content area is divided into two columns. The left column, titled "Getting started", contains instructions on how to find credentials and a "Go to UI" button. The right column, titled "Need help?", contains a link to "Support case". A blue chat icon is located in the bottom right corner of the main content area.

IBM Cloud Search resources and products... Catalog Manage Sherly J's Account

Resource list / Db2-h1 Active Add tags

Details Actions...

Manage

- Getting started
- Service credentials
- Connections

Getting started

Where can I find my credentials?
Get your username and password by clicking the "Service Credentials" link to the left and selecting "New Credentials".
Don't see this menu on the left? Click on "Manage in IBM Cloud" to open the IBM Cloud dashboard.

[Go to UI](#) [Getting started docs](#)

Need help?

Submit a IBM Cloud Support Case to our team.

[Support case](#)

Chat icon

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DATA STORED IN IBM DB2 ON CLOUD

IBM Db2 on Cloud

Load DataLoad History**Tables**ViewsIndexesAliasesMQTsSequencesApplication objects

SQL

GWFF34238.REGISTER

Back

Export to CSV

NAME	EMAIL	PASSWORD
Sherly	sherly@gmail.com	12345
Sherly S	Sherly123@gmail.com	12345
qqq	q@gmail.com	67890
susan	sus@gmail.com	6789
susmitha	a@gmail.com	12345