

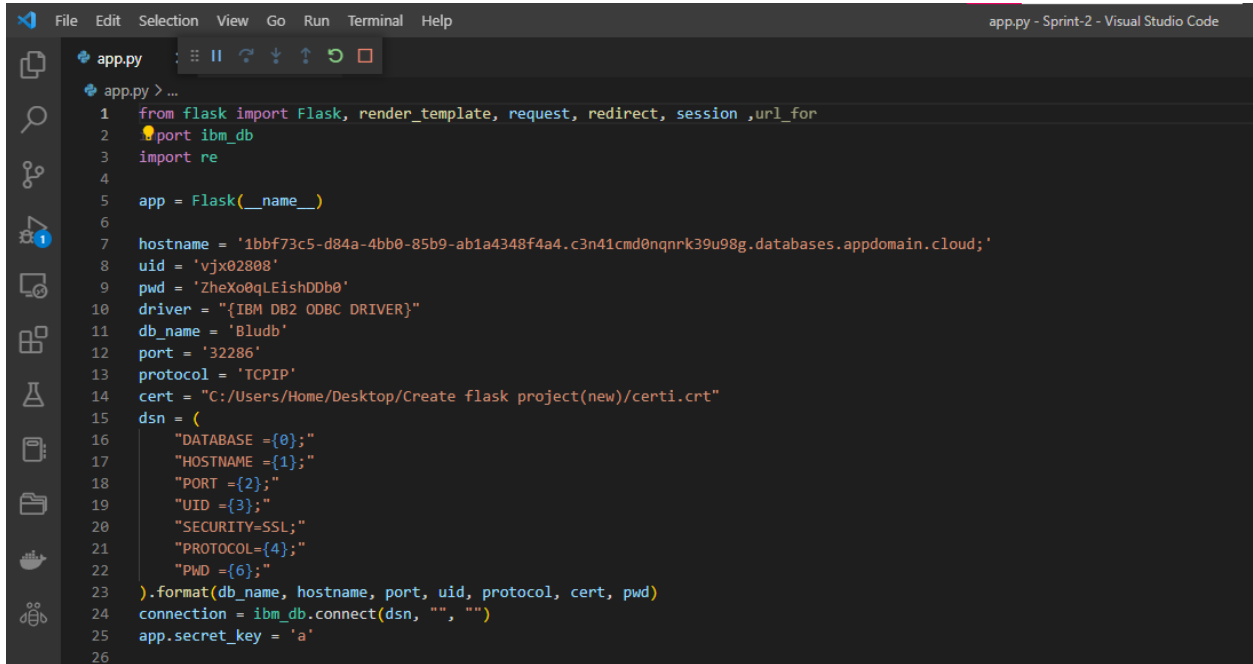
Team ID	PNT2022TMID19293
Project Name	Personal Expense Tracker Application

Create IBM DB2 and Connect with Python:

I) Create IBM DB2:

The screenshot displays the IBM Cloud console interface for a resource named 'Db2-tc'. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The left sidebar shows the 'Manage' section with options for 'Getting started', 'Service credentials', and 'Connections'. The main content area is divided into two columns. The left column, titled 'Getting started', provides instructions on finding credentials and includes buttons for 'Go to UI' and 'Getting started docs'. The right column, titled 'Need help?', prompts the user to submit a support case, with a 'Support case' button. A 'Details' link and an 'Actions...' dropdown are located at the top right of the main content area. A chat button is visible in the bottom right corner.

II) Connect with Python:



```
app.py
1 from flask import Flask, render_template, request, redirect, session, url_for
2 import ibm_db
3 import re
4
5 app = Flask(__name__)
6
7 hostname = '1bbf73c5-d84a-4bb0-85b9-ab1a4348f4a4.c3n41cmd0nqnrk39u98g.databases.appdomain.cloud;'
8 uid = 'vjx02808'
9 pwd = 'ZheXo0qLEishDDb0'
10 driver = "{IBM DB2 ODBC DRIVER}"
11 db_name = 'Bludb'
12 port = '32286'
13 protocol = 'TCP/IP'
14 cert = "C:/Users/Home/Desktop/Create flask project(new)/certi.crt"
15 dsn = (
16     "DATABASE={0};"
17     "HOSTNAME={1};"
18     "PORT={2};"
19     "UID={3};"
20     "SECURITY=SSL;"
21     "PROTOCOL={4};"
22     "PWD={6};"
23 ).format(db_name, hostname, port, uid, protocol, cert, pwd)
24 connection = ibm_db.connect(dsn, "", "")
25 app.secret_key = 'a'
26
```