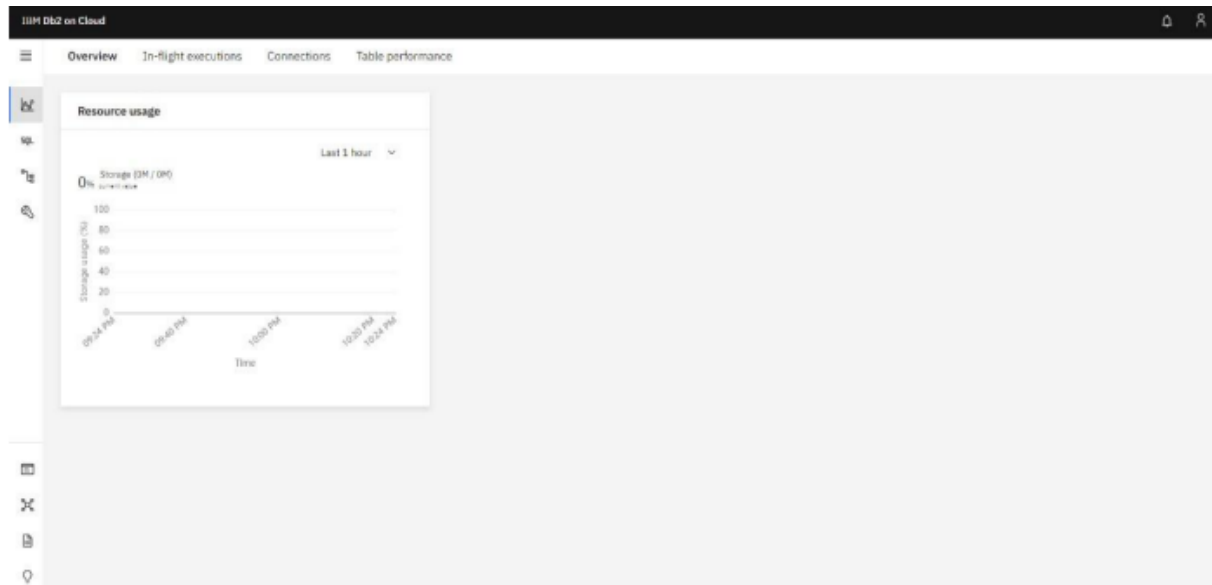


CREATE IBM DB2 AND CONNECT WITH PYTHON



```
File Edit Selection View Go Run Terminal Help
app.py - flask-with-ibm-db2-main - Visual Studio Code

EXPLORER
FLASK-WITH-IBM-DB2-MAIN
  __pycache__
  app.cpython-310.pyc
  env
  templates
    add_student.html
    home.html
    list.html
    result.html
  app.py
  DigiCertGlobalRootCA.crt
  README.md
  tempCodeRunnerFile.py

app.py
1 from flask import Flask, render_template, request, redirect, url_for, session
2 from markupsafe import escape
3
4 import ibm_db
5 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=764264db-9824-4b7c-82df-48d1b13897c2.bs2io98l08qbi0d8l1cg.databases.appdomain.cloud;PORT=3
6
7 app = Flask(__name__)
8
9
10
11 @app.route('/')
12 def home():
13     return render_template('home.html')
14
15 @app.route('/addstudent')
16 def new_student():
17     return render_template('add_student.html')
18
19 @app.route('/addrec', methods = ['POST', 'GET'])
20 def addrec():
21     if request.method == 'POST':
22
23         name = request.form['name']
24         address = request.form['address']
25         city = request.form['city']
26         pin = request.form['pin']
27
28         sql = "SELECT * FROM STUDENTS WHERE name =?"
29         stmt = ibm_db.prepare(conn, sql)
30         ibm_db.bind_param(stmt, 1, name)
31         ibm_db.execute(stmt)
32         account = ibm_db.fetch_assoc(stmt)
33
34         if account:
35             return render_template('list.html', msg="You are already a member, please login using your details")
36         else:
37             insert_sql = "INSERT INTO STUDENTS VALUES (?, ?, ?, ?)"
```