

Visual Studio Code interface showing a Python script for database operations and Flask integration.

EXPLORER

- NEW FOLDER
 - New folder
 - ABHIRAMI.html
 - ALFANIC.html
 - html.html
 - ibm.html

ibm.html

```
1 import mysql.connector
2 db_connection = mysql.connector.connect(
3     host="localhost",
4     user="root",
5     passwd="root",
6     database="my_first_db"
7 )
8 db_cursor = db_connection.cursor()
9 #Here creating database table as student'
10 db_cursor.execute("CREATE TABLE student (id INT, name VARCHAR(255))")
11 #Get database table'
12 db_cursor.execute("SHOW TABLES")
13 for table in db_cursor:
14     print(table)
15
16 gcreate database employee
17 use employee
18 create table employee_tbl
19 (
20     EmpId int primary key,
21     FirstName varchar(50),
22     LastName varchar(50),
23     Salary float,
24     MobileNo varchar (15)
25 )
26 insert into employee_tbl values (5, "raman", 'singh', 50000, 7868766676*)
27 select *from employee tbl
28 delete from employee_tbl where EmpId=1
29 update employee_tbl set FirstName='rajat' where EmpId=3
30 import ibm_db_dbi as db
31 conn = db.connect("DATABASE=name;HOSTNAME=host;PORT=60000;PROTOCOL=TCPIP;UID=username;PWD=password;", "", "")
32 list tables with
33 for t in conn.tables():
34     print(t)
35 and execute SQL with
36 cursor = conn.cursor()
37 cursor.execute("SELECT * FROM Schema.Table")
38 for r in cursor.fetchall():
39     print(r)
40
41
42 from flask import Flask, render_template, request, redirect, url_for, session
43 from flask_mysql import MySQL
44 import MySQLdb.cursors
45 import re
46 app = Flask(__name__)
47 app.secret_key = 'your secret key'
48 app.config['MYSQL_HOST'] = 'localhost'
49 app.config['MYSQL_USER'] = 'root'
```

OUTLINE

TIMELINE

Ln 14, Col 15 Spaces: 2 UTF-8 CRLF HTML

29°C Cloudy

13:15 19-10-2022

Visual Studio Code interface showing a Python Flask application with MySQL integration.

Explorer Panel:

- NEW FOLDER
 - New folder
 - ABHIRAMI.html
 - ALFANIC.html
 - html.html
 - ibm.html

Editor Panel:

ibm.html

```
42 from flask import Flask, render_template, request, redirect, url_for, session
43 from flask_mysql import MySQL
44 import MySQLdb.cursors
45 import re
46 app = Flask(__name__)
47 app.secret_key = 'your secret key'
48 app.config['MYSQL_HOST'] = 'localhost'
49 app.config['MYSQL_USER'] = 'root'
50 app.config['MYSQL_PASSWORD'] = 'your password'
51 app.config['MYSQL_DB'] = 'geeklogin'
52 mysql = MySQL(app)
53 @app.route('/')
54 @app.route('/login', methods=['GET', 'POST'])
55 def login():
56     msg = ''
57     if request.method == 'POST' and 'username' in request.form and 'password' in request.form:
58         username = request.form['username']
59         password = request.form['password']
60         cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor)
61         cursor.execute('SELECT * FROM accounts WHERE username = % s AND password = % s', (username, password, ))
62         account = cursor.fetchone()
63         if account:
64             session['loggedin'] = True
65             session['id'] = account[
```

Bottom Panel:

- OUTLINE
- TIMELINE

Status Bar:

Ln 14, Col 15 Spaces: 2 UTF-8 CRLF HTML

System Tray:

29°C Cloudy 13:15 19-10-2022



```
import mysql.connector db_connection = mysql.connector.connect( host="localhost", user="root", passwd="root", database="my_first_db" ) db_cursor = db_connection.cursor() #Here creating database table as student' db_cursor.execute("CREATE TABLE student (id INT, name VARCHAR(255))") #Get database table' db_cursor.execute("SHOW TABLES") for table in db_cursor: print(table) gcreate database employee use employee create table employee_tbl ( Empld int primary key, FirstName varchar(50), LastName varchar(50), Salary float, MobileNo varchar (15) ) insert into employee_tbl values (5, "raman", 'singh', 50000, 7868766676*) select *from employee tbl delete from employee_tbl where Empld=1 update employee_tbl set FirstName='rajjat' where Empld=3 import ibm_db_dbi as db conn = db.connect("DATABASE=name;HOSTNAME=host;PORT=60000;PROTOCOL=TCPIP;UID=username;PWD=password;", "", "") list tables with for t in conn.tables(): print(t) and execute SQL with cursor = conn.cursor() cursor.execute("SELECT * FROM Schema.Table") for r in cursor.fetchall(): print(r) from flask import Flask, render_template, request, redirect, url_for, session from flask_mysql import MySQL import MySQLdb.cursors import re app = Flask(__name__) app.secret_key = 'your secret key' app.config['MYSQL_HOST'] = 'localhost' app.config['MYSQL_USER'] = 'root' app.config['MYSQL_PASSWORD'] = 'your password' app.config['MYSQL_DB'] = 'geeklogin' mysql = MySQL(app) @app.route("/") @app.route('/login', methods=['GET', 'POST']) def login(): msg = " if request.method == 'POST' and 'username' in request.form and 'password' in request.form: username = request.form['username'] password = request.form['password'] cursor = mysql.connection.cursor(MySQLdb.cursors.DictCursor) cursor.execute('SELECT * FROM accounts WHERE username = % s AND password = % s', (username, password, )) account = cursor.fetchone() if account: session['loggedin'] = True session['id'] = account[
```

