| Experiment No. 8 |
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| Program to demonstrate CRUD (create, read, update and delete) operations on database (SQLite/ MySQL) using python |
| Date of Performance: |
| Date of Submission: |

**Experiment No. 8**

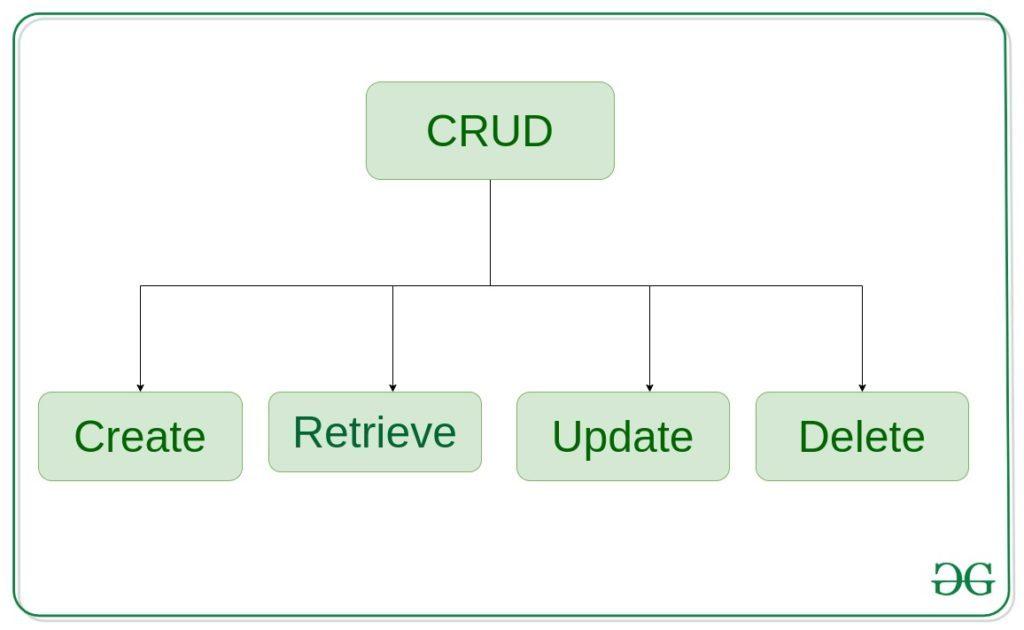
**Title:** Program to demonstrate CRUD (create, read, update and delete) operations on database (SQLite/ MySQL) using python

**Aim:** To study and implement CRUD (create, read, update and delete) operations on database (SQLite/ MySQL) using python

**Objective:** To introduce database connectivity with python

**Theory:**

In general CRUD means performing Create, Retrieve, Update and Delete operations on a table in a database. Let’s discuss what actually CRUD means,



**Create** – create or add new entries in a table in the database.   
**Retrieve** – read, retrieve, search, or view existing entries as a list(List View) or retrieve a particular entry in detail (Detail View)   
**Update** – update or edit existing entries in a table in the database   
**Delete** – delete, deactivate, or remove existing entries in a table in the database

**Code:**

**Create:**

import mysql.connector as MyConn

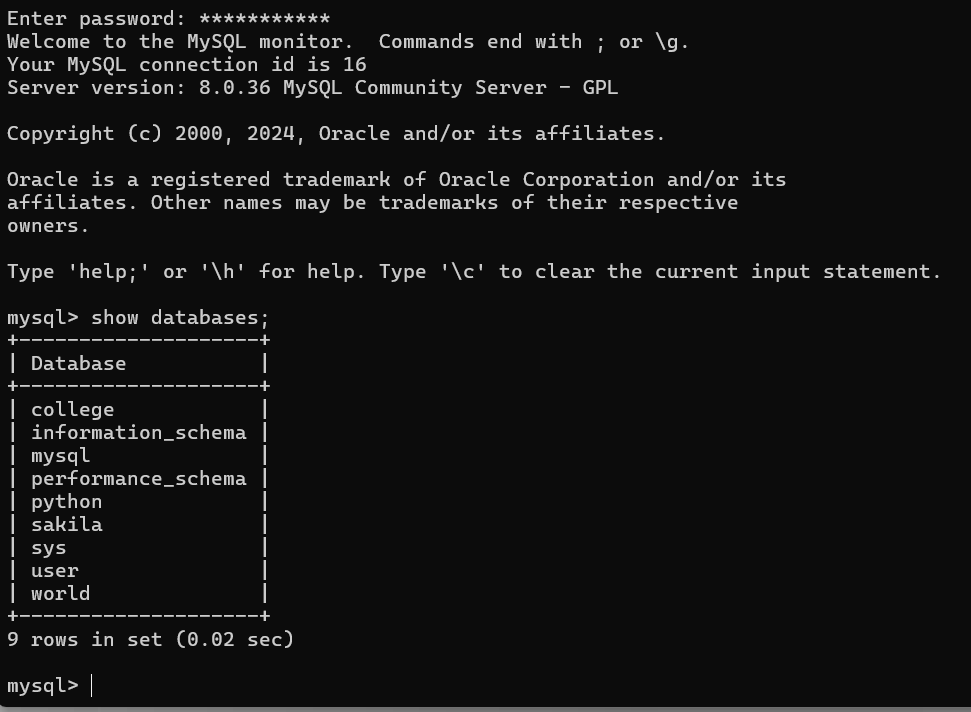
mydb = MyConn.connect(host = "localhost",user="root",password="#Prachi2715")

db\_cursor = mydb.cursor()

db\_cursor.execute("create database Python")

print("Database is connected")

**Output:**

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**Conclusion:** CRUD operations has been studied and implemented.