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Importing

```
In [1]: import sqlite3
```

Connecting to Database

```
In [2]: connection = sqlite3.connect ('./genericDatabase.db')
    cursor = connection.cursor ()
```

Create Table

```
In [3]:
    cursor.execute('''
        CREATE TABLE IF NOT EXISTS students (
            id INTEGER PRIMARY KEY AUTOINCREMENT,
            name TEXT NOT NULL,
            age INTEGER NOT NULL
        )
    ''')
    connection.commit()
```

CRUD Operations

Create (Insertion)

```
In [4]:
    def create_student(name, age):
        cursor.execute('''
        INSERT INTO students (name, age)
        VALUES (?, ?)
    ''', (name, age))
        connection.commit()
        print("Record added successfully!")

    create_student("Griffith", 20)
    create_student("Guts", 22)
```

Record added successfully! Record added successfully!

Read (Retrieve)

```
In [5]:
    def read_students():
        cursor.execute('SELECT * FROM students')
        rows = cursor.fetchall()
        print("Student Records:")
        for row in rows:
            print(row)

    read_students()

Student Records:
    (1, 'Griffith', 20)
    (2, 'Guts', 22)
```

Update

Delete

Closing the database connection

```
In [10]: connection.close ()
```

In []: