˅ Python Database Communication

SQLite3 API in Python to create a database

```
 1 import sqlite3
 2
 3 # Connect to the database (or create it if it doesn't exist)
 4 conn = sqlite3.connect('example.db')
 5
 6 # Create a cursor object to execute SQL queries
 7 cursor = conn.cursor()
 8
 9 # Create a table
10 cursor.execute('''CREATE TABLE IF NOT EXISTS users (
11                        id INTEGER PRIMARY KEY,
12                        name TEXT,
13                        age INTEGER
14                  )''')
15
16 # Insert some data into the table
17 cursor.execute("INSERT INTO users (name, age) VALUES (?, ?)", ('
18 cursor.execute("INSERT INTO users (name, age) VALUES (?, ?)", ('
19 cursor.execute("INSERT INTO users (name, age) VALUES (?, ?)", ('
20
21 # Commit the changes
22 conn.commit()
23
24 # Query the data
25 cursor.execute("SELECT * FROM users")
26 rows = cursor.fetchall()
27
28 # Print the data
29 for row in rows:
30     print(row)
31
32 # Close the connection
33 conn.close()
```

```
(1, 'Alice', 30)
(2, 'Bob', 25)
(3, 'Charlie', 35)
```

1 Start coding or generate with AI.