

```
import sqlite3 #already built in chhaa
```

```
con = sqlite3.connect('students.1.sqlite3')#connect garnuparcha database
```

```
cur =con.cursor()
```

```
create_table_query ="""
CREATE TABLE student(
    id int primary key,
    name varchar not null,
    address varchar not null,
    college varchar not null,
    age int not null,
    gender varchar(1) not null,
    faculty varchar not null
);
"""
cur.execute(create_table_query)
```

```
↗ -----
NameError                                Traceback (most recent call last)
Cell In[6], line 12
      1 create_table_query ="""
      2 CREATE TABLE student(
      3     id int primary key,
      4     (...)    10 );
      5     11 """
--> 12 cur.execute(create_table_query)

NameError: name 'cur' is not defined
```

```
insert_records="""
INSERT INTO student
('id', 'name', 'address', 'college', 'age', 'gender', 'faculty')
VALUES
(1, 'ram', 'kathmandu', 'NCIT', 18, 'm', 'IT'),
(2, 'shyam', 'lalitpur', 'islington', 20, 'm', 'CSIT'),
(3, 'gita', 'pokhara', 'NCIT', 21, 'f', 'SE'),
(4, 'sita', 'kathmandu', 'ioe pulchowk', 24, 'f', 'CE');
"""
cur.execute(insert_records)
```

```
↗ <sqlite3.Cursor at 0x1db7a6231c0>
```

```
con.commit()
```

```
students = cur.execute ("select * from student;")#
for student in students:
    print(student)
```

```
# table ma kaam gardaa commit lekhnua pardemaa data related kaam ma matraa commit garne
```

```
students = cur.execute("SELECT * from student where address= 'lalitpur;")
for student in students:
    print(student)
```

```
↗ (2, 'shyam', 'lalitpur', 'islington', 20, 'm', 'CSIT', 'TU')
```

```
address = input ("Enter the address:")
students = cur.execute(f"SELECT * from student where address= '{address}';")
```

```
for student in students:
    print(student)
```

```
↗ Enter the address: kathmandu
(1, 'ram', 'kathmandu', 'NCIT', 18, 'm', 'IT', 'TU')
```

```

(4, 'sita', 'kathmandu', 'ioe pulchowk', 24, 'f', 'CE', 'TU')

address = input ("Enter the address:")
students = cur.execute(f"SELECT * from student where address= '{address}';")

for student in students:
    print(student)
    #yesto deda sabeai vaye varko credentials aunaai sakchhaa yo yesto sake samma use nagarne

➡ Enter the address: lalitpur' or true or address = 'kathmandu
(1, 'ram', 'kathmandu', 'NCIT', 18, 'm', 'IT', 'TU')
(2, 'shyam', 'lalitpur', 'islington', 20, 'm', 'CSIT', 'TU')
(3, 'gita', 'pokhara', 'NCIT', 21, 'f', 'SE', 'TU')
(4, 'sita', 'kathmandu', 'ioe pulchowk', 24, 'f', 'CE', 'TU')

#SELECT * from student where address = 'lalitpur' or true or address = 'kathmandu';

#yesto tarika le garne sql injection huna nadena ko lagi
address = input ("Enter the address:")
students = cur.execute("""SELECT * from student where address= ?;""", (address,))
for student in students:
    print(student)

➡ Enter the address: lalitpur' or true or address = 'kathmandu;

student = (11,'ramesh pradhan', 'lalitpur','ncit',23,'m',"IT","TU")
INSERT_RECORDS = """
INSERT INTO student
('id', 'name', 'address', 'college', 'age', 'gender', 'faculty','university')
VALUES
(?, ?, ?, ?, ?, ?, ?, ?);
"""
cur.execute(INSERT_RECORDS, student)
con.commit()

students = [
    (8, 'hari bahadur', 'lalitpur', 'ncit', 23, 'm', "SE", "PU"),
    (9, 'madan bahadur', 'kathmandu', 'british college', 24, 'm', "IT", "UK"),
    (10, 'maya devi', 'lalitpur', 'ncit', 21, 'f', "CE", "PU"),
]

INSERT_RECORDS = """
INSERT INTO student (id, name, address, college, age, gender, faculty, university)
VALUES (?, ?, ?, ?, ?, ?, ?, ?);
"""

for student in students:
    cur.execute(INSERT_RECORDS, student)
    con.commit()

students = [
    (111, 'hari bahadur chhetri', 'lalitpur', 'ncit', 23, 'm', "SE", "PU"),
    (122, 'madan bahadur poudel', 'kathmandu', 'british college', 24, 'm', "IT", "UK"),
    (133, 'maya devi gaudel', 'lalitpur', 'ncit', 21, 'f', "CE", "PU"),
]

INSERT_RECORDS = """
INSERT INTO student (id, name, address, college, age, gender, faculty, university)
VALUES (?, ?, ?, ?, ?, ?, ?, ?);
"""

# for loop nalagai yo garne dhrei data huda , yo yekdam fast method ho

cur.executemany(INSERT_RECORDS, students) #insert at once => bulk
con.commit()

```

Start coding or [generate](#) with AI.

