# Task 2:

**Data Insertion and Handling Nulls Objective:** Practice inserting, updating, and deleting data.

Tools: DB Fiddle / SQLiteStudio

Deliverables: SQL file with INSERT, UPDATE, DELETE

statements.

### **Create Table:**

```
CREATE TABLE students (

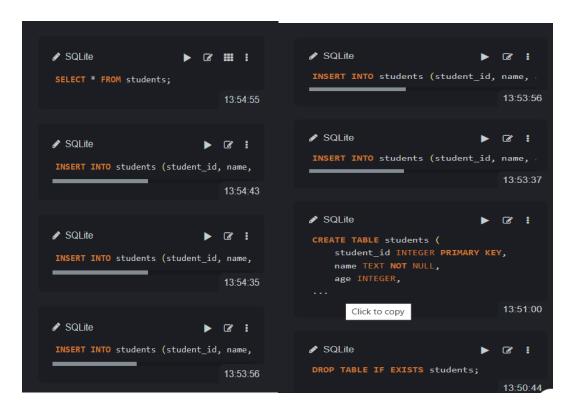
student_id INTEGER PRIMARY KEY,

name TEXT NOT NULL,

age INTEGER,

email TEXT
);
```

#### **Insert data:**



### **Student Table:**



#### **Update Null Values:**

- UPDATE students SET age = 20 WHERE age IS NULL;
- UPDATE students SET email =
   'not\_provided@example.com' WHERE email IS NULL;

```
SQLite

UPDATE students
SET email = 'not_provided@example.com'
WHERE email IS NULL;

13:56:42

SQLite

UPDATE students
SET age = 20
WHERE age IS NULL;

13:56:35

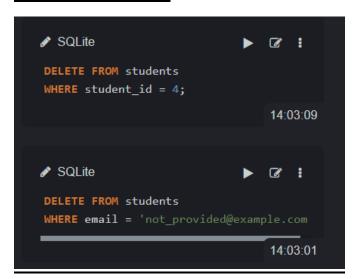
13:56:35

Provided@example.com'
WHERE email IS NULL;

Provided@example.com'
WHERE email
```

: student_id	name	age	email
1	Alice	21	alice@example.com
2	Bob		bob@example.com
3	Charlie	23	not_provided@example.com
4	Diana		not_provided@example.com

## **Delete Records:**



: student_id	name	age	email
1	Alice	21	alice@example.com
2	Bob		bob@example.com