

## Task 2: Data Insertion and Handling Nulls

```
-- Step 1: Create Table
CREATE TABLE Students (
    StudentID INTEGER PRIMARY KEY,
    FirstName TEXT NOT NULL,
    LastName TEXT,
    Age INTEGER DEFAULT 18,
    Email TEXT,
    Marks INTEGER
);

-- Step 2: INSERT Data
INSERT INTO Students (StudentID, FirstName, LastName, Age, Email, Marks)
VALUES
(1, 'Anjali', 'Verma', 20, 'anjali@example.com', 85),
(2, 'Ravi', 'Kumar', 19, 'ravi@example.com', 78);

INSERT INTO Students (StudentID, FirstName, LastName, Marks)
VALUES
(3, 'Priya', 'Sharma', NULL); -- Age will take default (18), Email is NULL

INSERT INTO Students (StudentID, FirstName, LastName, Age, Email, Marks)
VALUES
(4, 'Amit', NULL, NULL, NULL, 90);

-- Step 3: UPDATE Data
UPDATE Students
SET Email = 'priya.sharma@example.com'
WHERE StudentID = 3;

UPDATE Students
SET Age = 21
WHERE Age IS NULL;

UPDATE Students
SET Marks = Marks + 5
WHERE Marks < 80;

-- Step 4: DELETE Data
DELETE FROM Students
WHERE LastName IS NULL;

DELETE FROM Students
WHERE Marks < 40;

-- Final SELECT to check data
SELECT * FROM Students;
```