**Step1: Inserting new records into lib table:**

INSERT INTO lib (title, author, genre, published\_year)

VALUES ('To Kill a Mockingbird', 'Harper Lee', 'Fiction', 1960),

('1984', 'George Orwell', 'Dystopian', 1949),

('The Great Gatsby', 'F. Scott Fitzgerald', 'Classic', 1925);

**Step2: Updating existing records:**

UPDATE lib

SET genre = 'Modern Classic'

WHERE title = 'To Kill a Mockingbird';

**Step3: Deleting targeted record:**

DELETE FROM lib

WHERE published\_year < 1950;

**Step4: Bulk insert operation to load data from an external source:**

LOAD DATA INFILE '/path/to/books.csv'

INTO TABLE lib

FIELDS TERMINATED BY ','

ENCLOSED BY '"'

LINES TERMINATED BY '\n'

IGNORE 1 ROWS;