Assignment 5: Begin a transaction, perform a series of INSERTs into 'orders', setting a SAVEPOINT after each, rollback to the second SAVEPOINT, and COMMIT the overall transaction.

SOLUTION:

CREATE TABLE orders(

order\_id INT PRIMARY KEY,

customer\_id INT,

order\_date DATE,

total\_amount DECIMAL(10,2)

);

INSERT INTO orders(order\_id,customer\_id,order\_date,total\_amount)

VALUES

(121,1, '2024-05-01', 500.80),

(122, 3, '2022-05-03', 650.00),

(123, 2, '2023-05-05', 200.67);

START TRANSACTION;

INSERT INTO orders(order\_id,customer\_id,order\_date,total\_amount)

VALUES

(124, 2, '2023-05-25', 210.67);

SAVEPOINT first\_savepoint;

INSERT INTO orders(order\_id,customer\_id,order\_date,total\_amount)

VALUES

(125, 5, '2024-05-22', 810.67);

SAVEPOINT second\_savepoint;

INSERT INTO orders(order\_id,customer\_id,order\_date,total\_amount)

VALUES

(126, 5, '2024-05-21', 610.67);

ROLLBACK to second\_savepoint;

COMMIT;

OUTPUT:









