

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.

Series of Transaction:

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mysql> START TRANSACTION;
Query OK, 0 rows affected (0.00 sec)

mysql> SAVEPOINT savepoint1;
Query OK, 0 rows affected (0.00 sec)

mysql>
mysql> INSERT INTO orders (order_id, customer_id, order_date, total_amount)
    -> VALUES (111, 1, '2024-05-31', 150.00);
Query OK, 1 row affected (0.00 sec)

mysql>
mysql> SAVEPOINT savepoint2;
Query OK, 0 rows affected (0.00 sec)

mysql>
mysql> INSERT INTO orders (order_id, customer_id, order_date, total_amount)
    -> VALUES (112, 2, '2024-06-01', 200.00);
Query OK, 1 row affected (0.00 sec)

mysql>
mysql> SAVEPOINT savepoint3;
Query OK, 0 rows affected (0.00 sec)

mysql>
mysql> INSERT INTO orders (order_id, customer_id, order_date, total_amount)
    -> VALUES (113, 3, '2024-06-02', 250.00);
Query OK, 1 row affected (0.00 sec)

mysql>
mysql> ROLLBACK TO SAVEPOINT savepoint2;
Query OK, 0 rows affected (0.00 sec)

mysql>
mysql> COMMIT;
Query OK, 0 rows affected (0.00 sec)
```