**EX.NO:6 Write a Program to Perform Distributed Transactions for a Database**

CREATE DATABASE IF NOT EXISTS distributed\_transactions;

Query OK, 1 row affected (0.01 sec)

mysql> USE distributed\_transactions;

Database changed

mysql> CREATE TABLE IF NOT EXISTS orders (

-> order\_id INT PRIMARY KEY,

-> product\_name VARCHAR(255),

-> quantity INT

-> );

Query OK, 0 rows affected (0.02 sec)

mysql> INSERT INTO orders (order\_id, product\_name, quantity) VALUES

-> (1, 'Product A', 10),

-> (4, 'Product B', 5);

Query OK, 2 rows affected (0.01 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> **START TRANSACTION;**

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from orders;

+----------+--------------+----------+

| order\_id | product\_name | quantity |

+----------+--------------+----------+

| 1 | Product A | 10 |

| 2 | Product B | 5 |

+----------+--------------+----------+

2 rows in set (0.00 sec)

mysql> UPDATE orders SET quantity = 8 WHERE order\_id = 1;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> UPDATE orders SET quantity = 3 WHERE order\_id = 2;

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select \* from orders;

+----------+--------------+----------+

| order\_id | product\_name | quantity |

+----------+--------------+----------+

| 1 | Product A | 8 |

| 2 | Product B | 3 |

+----------+--------------+----------+

2 rows in set (0.00 sec)

mysql> commit;

Query OK, 0 rows affected (0.00 sec)