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Topic – SQL Assignment : 12

Batch - DATACOM+5G Dev

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Assignment 12: 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 :

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

1.

```
mysql> INSERT INTO orders (order_id, customer_id, order_date, order_total)
-> VALUES (107, 1, '2023-12-02', 300.00);
Query OK, 1 row affected (0.01 sec)
```

2.

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

3.

```
mysql> INSERT INTO orders (order_id, customer_id, order_date, order_total)
-> VALUES (108, 2, '2023-12-03', 450.00);
Query OK, 1 row affected (0.00 sec)
```

4.

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

5.

```
mysql> INSERT INTO orders (order_id, customer_id, order_date, order_total)
-> VALUES (109, 3, '2023-12-04', 350.00);
Query OK, 1 row affected (0.00 sec)
```

6.

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

7.

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

8.