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Topic – SQL Assignment : 11

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Assignment 11: Compose SQL statements to BEGIN a transaction, INSERT a new record into the 'orders' table, COMMIT the transaction, then UPDATE the 'products' table, and ROLLBACK the transaction.

Solution :

```
mysql>
mysql> START TRANSACTION;
Query OK, 0 rows affected (0.01 sec)
```

1.

```
mysql>
mysql>
mysql> INSERT INTO orders (order_id, customer_id, order_date, order_total)
    -> VALUES (106, 2, '2023-12-01', 250.00);
Query OK, 1 row affected (0.01 sec)
```

2.

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

3.

```
mysql> UPDATE products
    -> SET stock_quantity = stock_quantity - 1
    -> WHERE product_id = 101;
```

4.

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

5.