

Fundamentals of Data Management

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Pass Task 8.1.2

Displaying the content of the Purchase table:

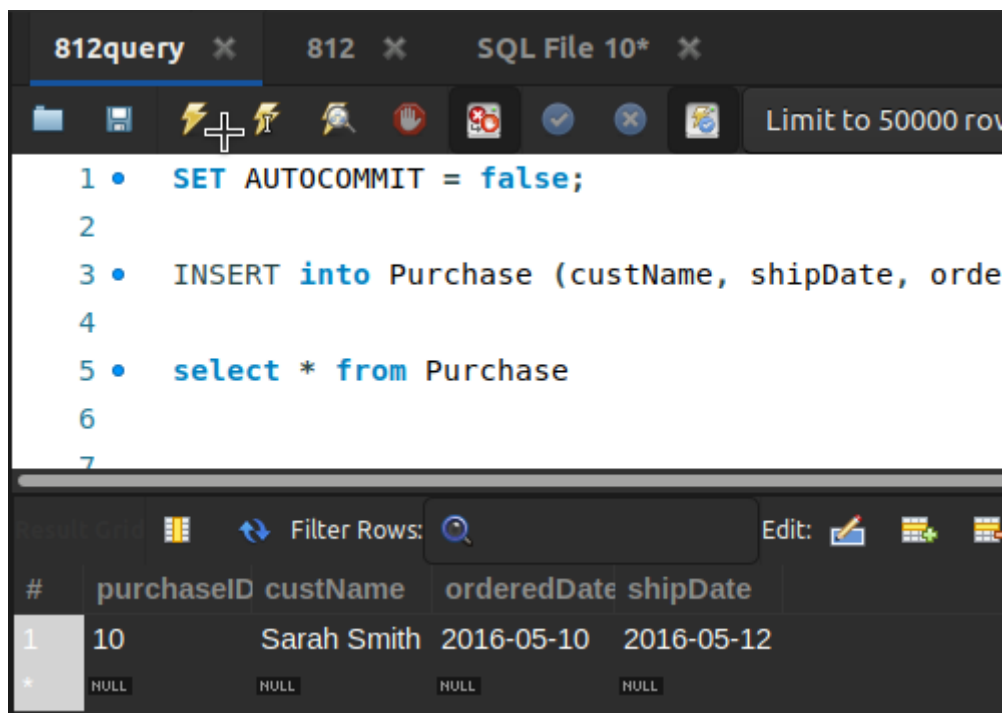
```
1 • SET AUTOCOMMIT = false;
2
3 • INSERT into Purchase (custName, shipDate, orderedDate) VALUES ('Sarah Smith', '2016-05-12', '2016-05-10');
4
5 • select * from Purchase
6
```

| # | purchaseID | custName | orderedDate | shipDate |
|---|------------|-------------|-------------|------------|
| 1 | 5 | Sarah Smith | 2016-05-10 | 2016-05-12 |

Executing a rollback and then the command again gives:

```
1 • rollback;
```

| Line | Time | Command | Result |
|------|----------|--|-------------------|
| 57 | 13:08:27 | INSERT into Purchase (custName, shipDate, orderedDate) VALUES ('Sarah Smith', '2016-05-12', '2016-05-10'); | 1 row(s) affected |
| 58 | 13:08:27 | select * from Purchase rollback LIMIT 0, 50000 | 2 row(s) returned |
| 59 | 13:08:34 | rollback | 0 row(s) affected |
| 60 | 13:08:36 | SET AUTOCOMMIT = false | 0 row(s) affected |
| 61 | 13:08:36 | INSERT into Purchase (custName, shipDate, orderedDate) VALUES ('Sarah Smith', '2016-05-12', '2016-05-10'); | 1 row(s) affected |
| 62 | 13:08:36 | select * from Purchase LIMIT 0, 50000 | 1 row(s) returned |



(the rollback causes the first entry of Sarah Smith to delete)

The foreign key relationship using `LAST_AUTO_INCREMENT()` gives:

