

(The following few SQL statements are ones that I forgot to take screenshots of. I can't replicate them without deleting the database that I've created. So I just wrote them out here. But clearly these statements were successful in MySQL because the tables below exist in a database called 'prints'.)

-> CREATE DATABASE prints;

-> USE prints;

-> CREATE TABLE customers(customer_id int, customer_name varchar(255), customer_add varchar(255), customer_city varchar(255), customer_state varchar(255), customer_zip int, customer_phone varchar(255));

-> CREATE TABLE items(item_id int, Title varchar(255), artist varchar(255), unit_price varchar(255), on_hand int);

-> CREATE TABLE orders(order_id int, customer_id int, order_date varchar(255), ship_date varchar(255));

-> CREATE TABLE orderline(order_id int, item_id int, order_qty int);

The rest of the document is screenshots of my INSERT statements (to create the data tables) and SELECT statements (to show the finished tables).

Customers Inserts and Resulting Table:

MySQL 8.0 Command Line Client

```
mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('1000', 'Cora Blanca', '1555 Seminole Ct.', 'Charlotte', 'NC', '28210', '704/552.1810');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('1100', 'Yash Reed', '878 Madison Ave.', 'Greensboro', 'NC', '27407', '336/316-5434');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('1200', 'John Mills', '4200 Olive Ave.', 'Columbia', 'SC', '29206', '803/432.6225');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('1300', 'David Cox', '608 Old Post Rd.', 'Decatur', 'GA', '30030', '404/243.7379');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('1400', 'Tina Evans', '235 Easton Ave.', 'Jacksonville', 'FL', '32221', '904/992-7234');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('1500', 'Will Allen', '2508 W. Shaw Rd.', 'Raleigh', 'NC', '27542', '919/809.2545');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('1600', 'James Boyd', '200 Pembury Ln.', 'Columbia', 'SC', '29206', '803/432-7600');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('1700', 'Will Parsons', '4990 S. Pine St.', 'Raleigh', 'NC', '27545', '919/355/0034');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('1800', 'John Smith', '1234 Main St.', 'Raleigh', 'NC', '27601', '919/555.1234');
```

MySQL 8.0 Command Line Client

```
mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('2100', 'Jane Brown', '3320 W. Main St.', 'Charlotte', 'NC', '28210', '704/372/9000');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO customers (customer_id, customer_name, customer_add, customer_city, customer_state, customer_zip, customer_phone)VALUES ('2200', 'Betty Draper', '1600 Sardis Rd.', 'Sarasota', 'FL', '32441', '918/941-9121');
Query OK, 1 row affected (0.01 sec)

mysql> select * from customers;
```

customer_id	customer_name	customer_add	customer_city	customer_state	customer_zip	customer_phone
1000	Cora Blanca	1555 Seminole Ct.	Charlotte	NC	28210	704/552.1810
1100	Yash Reed	878 Madison Ave.	Greensboro	NC	27407	336/316-5434
1200	John Mills	4200 Olive Ave.	Columbia	SC	29206	803/432.6225
1300	David Cox	608 Old Post Rd.	Decatur	GA	30030	404/243.7379
1400	Tina Evans	235 Easton Ave.	Jacksonville	FL	32221	904/992-7234
1500	Will Allen	2508 W. Shaw Rd.	Raleigh	NC	27542	919/809.2545
1600	James Boyd	200 Pembury Ln.	Columbia	SC	29206	803/432-7600
1700	Will Parsons	4990 S. Pine St.	Raleigh	NC	27545	919/355/0034
1800	Walter Kelly	1200 Little St.	Columbia	SC	29206	803/432-1987
1900	Ann Damian	7822 N. Ridge Rd.	Jacksonville	FL	32216	904/725-4672
2000	Grace Hull	4090 Caldwell St.	Charlotte	NC	28205	704/365.7655
2100	Jane Brown	3320 W. Main St.	Charlotte	NC	28210	704/372/9000
2200	Betty Draper	1600 Sardis Rd.	Sarasota	FL	32441	918/941-9121

```
13 rows in set (0.00 sec)

mysql>
```

Items Inserts and Resulting Table:

```
MySQL 8.0 Command Line Client

+-----+-----+-----+-----+-----+
| 300 | Happy Days | Andrea Reid | 78.00 | 210 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> INSERT INTO items (item_id, Title, artist, unit_price, on_hand)VALUES ('350', 'Top of the Mountain', 'Janice Jones', '110.00', '290');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO items (item_id, Title, artist, unit_price, on_hand)VALUES ('400', 'Streets from Old', 'Sharon Brune', '123.00', '320');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO items (item_id, Title, artist, unit_price, on_hand)VALUES ('450', 'The Hunt', 'Walter Alford', '39.99', '390');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO items (item_id, Title, artist, unit_price, on_hand)VALUES ('600', 'Rainbow Row', 'Judy Ford', '46.00', '350');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO items (item_id, Title, artist, unit_price, on_hand)VALUES ('700', 'Skies Above', 'Alexander Wilson', '98.00', '275');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO items (item_id, Title, artist, unit_price, on_hand)VALUES ('800', 'The Seas and Moon', 'Susan Beeler', '67.81', '235');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO items (item_id, Title, artist, unit_price, on_hand)VALUES ('850', 'Greek Isles', 'Benjamin Caudle', '76.00', '300');
Query OK, 1 row affected (0.01 sec)

mysql> select * from items;
+-----+-----+-----+-----+-----+
| item_id | Title | artist | unit_price | on_hand |
+-----+-----+-----+-----+-----+
| 100 | Under the Sun | Donald Arley | 46.80 | 340 |
| 200 | Dark Lady | Keith Morris | 120.99 | 250 |
| 300 | Happy Days | Andrea Reid | 78.00 | 210 |
| 350 | Top of the Mountain | Janice Jones | 110.00 | 290 |
| 400 | Streets from Old | Sharon Brune | 123.00 | 320 |
| 450 | The Hunt | Walter Alford | 39.99 | 390 |
| 600 | Rainbow Row | Judy Ford | 46.00 | 350 |
| 700 | Skies Above | Alexander Wilson | 98.00 | 275 |
| 800 | The Seas and Moon | Susan Beeler | 67.81 | 235 |
| 850 | Greek Isles | Benjamin Caudle | 76.00 | 300 |
+-----+-----+-----+-----+-----+
```

```
MySQL 8.0 Command Line Client

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Query OK, 1 row affected (0.01 sec)

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| 350 | Top of the Mountain | Janice Jones | 110.00 | 290 |
| 400 | Streets from Old | Sharon Brune | 123.00 | 320 |
| 450 | The Hunt | Walter Alford | 39.99 | 390 |
| 600 | Rainbow Row | Judy Ford | 46.00 | 350 |
| 700 | Skies Above | Alexander Wilson | 98.00 | 275 |
| 800 | The Seas and Moon | Susan Beeler | 67.81 | 235 |
| 850 | Greek Isles | Benjamin Caudle | 76.00 | 300 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```


Orders Inserts and Resulting Table:

```
MySQL 8.0 Command Line Client

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('6', '1900', '2013-12-15', '2013-12-19')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('7', '2200', '2013-12-18', '2013-12-22')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('8', '1600', '2013-12-20', '2013-12-22')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('9', '1000', '2014-01-18', '2014-01-23')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('10', '2200', '2014-01-31', '2014-02-04')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('11', '1500', '2014-02-01', '2014-02-06')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('12', '1400', '2014-02-27', '2014-03-02')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('13', '1100', '2014-03-10', '2014-03-15')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('14', '1400', '2014-03-14', '2014-03-19')
;
Query OK, 1 row affected (0.01 sec)

MySQL 8.0 Command Line Client

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('12', '1400', '2014-02-27', '2014-03-02')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('13', '1100', '2014-03-10', '2014-03-15')
;
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orders (order_id, customer_id, order_date, ship_date)VALUES ('14', '1400', '2014-03-14', '2014-03-19')
;
Query OK, 1 row affected (0.01 sec)

mysql> select * from orders;
+-----+-----+-----+-----+
| order_id | customer_id | order_date | ship_date |
+-----+-----+-----+-----+
| 1 | 1200 | 2013-10-23 | 2013-10-28 |
| 2 | 1500 | 2013-10-30 | 2013-11-03 |
| 3 | 1500 | 2013-11-09 | 2013-11-14 |
| 4 | 2100 | 2013-11-15 | 2013-11-20 |
| 5 | 1600 | 2013-11-15 | 2013-11-20 |
| 6 | 1900 | 2013-12-15 | 2013-12-19 |
| 7 | 2200 | 2013-12-18 | 2013-12-22 |
| 8 | 1600 | 2013-12-20 | 2013-12-22 |
| 9 | 1000 | 2014-01-18 | 2014-01-23 |
| 10 | 2200 | 2014-01-31 | 2014-02-04 |
| 11 | 1500 | 2014-02-01 | 2014-02-06 |
| 12 | 1400 | 2014-02-27 | 2014-03-02 |
| 13 | 1100 | 2014-03-10 | 2014-03-15 |
| 14 | 1400 | 2014-03-14 | 2014-03-19 |
+-----+-----+-----+-----+
14 rows in set (0.00 sec)
```

Orderline Inserts and Resulting Table:

```
MySQL 8.0 Command Line Client

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('3', '850', '1');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('4', '200', '4');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('4', '100', '1');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('4', '850', '1');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('5', '450', '1');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('6', '800', '2');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('7', '300', '2');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('7', '600', '2');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('8', '100', '1');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('9', '100', '3');
Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('10', '450', '6');
Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO orderline (order_id, item_id, order_qty)VALUES ('10', '600', '8');
```

MySQL 8.0 Command Line Client

```
mysql> select * from orderline;
+-----+-----+-----+
| order_id | item_id | order_qty |
+-----+-----+-----+
| 1 | 800 | 2 |
| 1 | 600 | 1 |
| 2 | 700 | 3 |
| 2 | 300 | 2 |
| 3 | 850 | 1 |
| 4 | 200 | 4 |
| 4 | 100 | 1 |
| 4 | 850 | 1 |
| 5 | 450 | 1 |
| 6 | 800 | 2 |
| 7 | 300 | 2 |
| 7 | 600 | 2 |
| 8 | 100 | 1 |
| 9 | 100 | 3 |
| 10 | 450 | 6 |
| 10 | 600 | 8 |
| 10 | 200 | 4 |
| 11 | 700 | 2 |
| 12 | 300 | 3 |
| 12 | 700 | 4 |
| 13 | 200 | 2 |
| 13 | 600 | 10 |
| 13 | 450 | 4 |
| 14 | 700 | 8 |
| 14 | 200 | 6 |
| 14 | 800 | 4 |
| 14 | 450 | 2 |
+-----+-----+-----+
27 rows in set (0.00 sec)
```