

Case Study Bacchus Winery

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Database Development and Use

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February 15, 2025

Module 10

```
mysql> SELECT order_id, product_id, tracking_id, order_date, order_quantity der;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that correspond to your MySQL server version for the right syntax to use near 'order' at line 1
mysql> mysql> SELECT order_id, product_id, tracking_id, order_date, order_quantity ders;
```

order_id	product_id	tracking_id	order_date	order_quantity
1	1	12345	JAN 1 2024	20
2	2	123456	JAN 2 2024	32
3	6	1234567	JAN 5 2024	32
4	2	2564789	JAN 8 2024	102
5	6	6547895	JAN 8 2024	32
6	2	5468521	JAN 9 2024	102

6 rows in set (0.00 sec)

```
mysql> SELECT product_id, product_name, inventory FROM products;
```

product_id	product_name	inventory
1	Merlot	100
2	Cabernet	100
3	Chablis	100
4	Chardonnay	100
5	Pinot noir	500
6	Riesling	150

6 rows in set (0.00 sec)

```
mysql> SELECT supplier_id, supplier_name, supplier_product1, supplier_product2 FROM suppliers;
```

supplier_id	supplier_name	supplier_product1	supplier_product2
1	Supplier_1	bottles	corks
2	Supplier_2	labels	boxes
3	Supplier_3	vats	tubing

3 rows in set (0.00 sec)

```
mysql> SELECT role_id, role_name FROM user_roles;
```

role_id	role_name
1	Owner
2	Finance and Payroll
3	Marketing
4	Production
5	Distribution

```
inetales.sql | winetables.py M | mysql - module-10
module-10 > winetables.py > ...
41
42 # suppliers table
43 cursor.execute("SELECT supplier_id, supplier_name, suppl
44 suppliers = cursor.fetchall()
45 print("-- DISPLAYING suppliers TABLE --")
46 for supplier in suppliers:
47     print(f"SUPPLIER ID: {supplier[0]}\nSUPPLIER NAME: {
48
49 # products table
50 cursor.execute("SELECT product_id, product_name, invento
51 products = cursor.fetchall()
52 print("-- DISPLAYING products TABLE --")
53 for product in products:
54     print(f"PRODUCT ID: {product[0]}\nPRODUCT NAME: {pro
55
56 # orders table
57 cursor.execute("SELECT order_id, product_id, tracking_id
58 ordersData = cursor.fetchall()
59 print("-- DISPLAYING orders TABLE --")
60 for order in ordersData:
61     print(f"ORDER ID: {order[0]}\nPRODUCT ID: {order[1]}
62
63 cursor.close()
64 db.close()
65
66 print(f"Database user {config['user']} connected to MySQL
67
68 except mysql.connector.Error as err:
69     if err.errno == errorcode.ER_ACCESS_DENIED_ERROR:
70         print("The supplied username or password are invalid
71     elif err.errno == errorcode.ER_BAD_DB_ERROR:
72         print("The specified database does not exist")
73     else:
74         print(err)

mysql> SELECT role_id, role_name FROM user_roles;
+-----+-----+
| role_id | role_name |
+-----+-----+
| 1 | Owner |
| 2 | Finance and Payroll |
| 3 | Marketing |
| 4 | Production |
| 5 | Distribution |
+-----+-----+
5 rows in set (0.00 sec)

mysql> SELECT employee_id, role_id, employee_name FROM employee;
+-----+-----+-----+
| employee_id | role_id | employee_name |
+-----+-----+-----+
| 1 | 2 | Janet Collins |
| 2 | 3 | Roz Murphy |
| 3 | 3 | Bob Ulrich |
| 4 | 4 | Henry Doyle |
| 5 | 5 | Maria Costanza |
+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> SELECT owner_id, owner_name, role_id FROM owners;SELECT owner_id, owner_name, role_id FROM owners;
+-----+-----+-----+
| owner_id | owner_name | role_id |
+-----+-----+-----+
| 1 | Stan Bacchus | 1 |
| 2 | Davis Bacchus | 1 |
+-----+-----+-----+
2 rows in set (0.00 sec)

+-----+-----+-----+
| owner_id | owner_name | role_id |
+-----+-----+-----+
| 1 | Stan Bacchus | 1 |
| 2 | Davis Bacchus | 1 |
+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
```