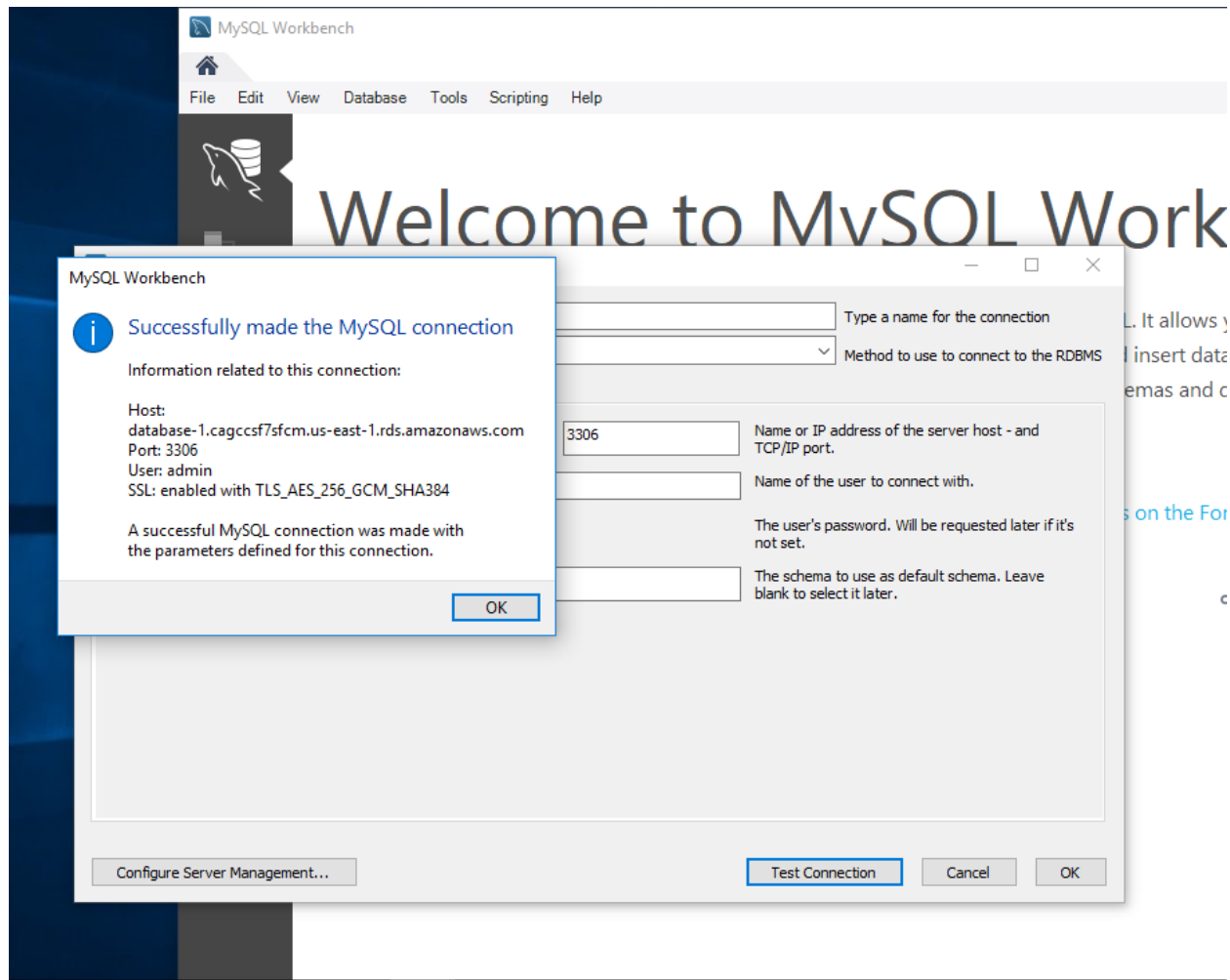


Connection Test:



Running the Guitar Shop Database:

The screenshot displays the MySQL Workbench interface with the 'create_my_guitar_shop*' project open. The left sidebar shows the 'MANAGEMENT' and 'PERFORMANCE' sections. The main editor shows the SQL script for creating the 'orders' table, which includes a foreign key constraint to the 'customers' table. The right sidebar shows a message about automatic context help being disabled. The bottom panel shows the 'Output' window with a table of execution results.

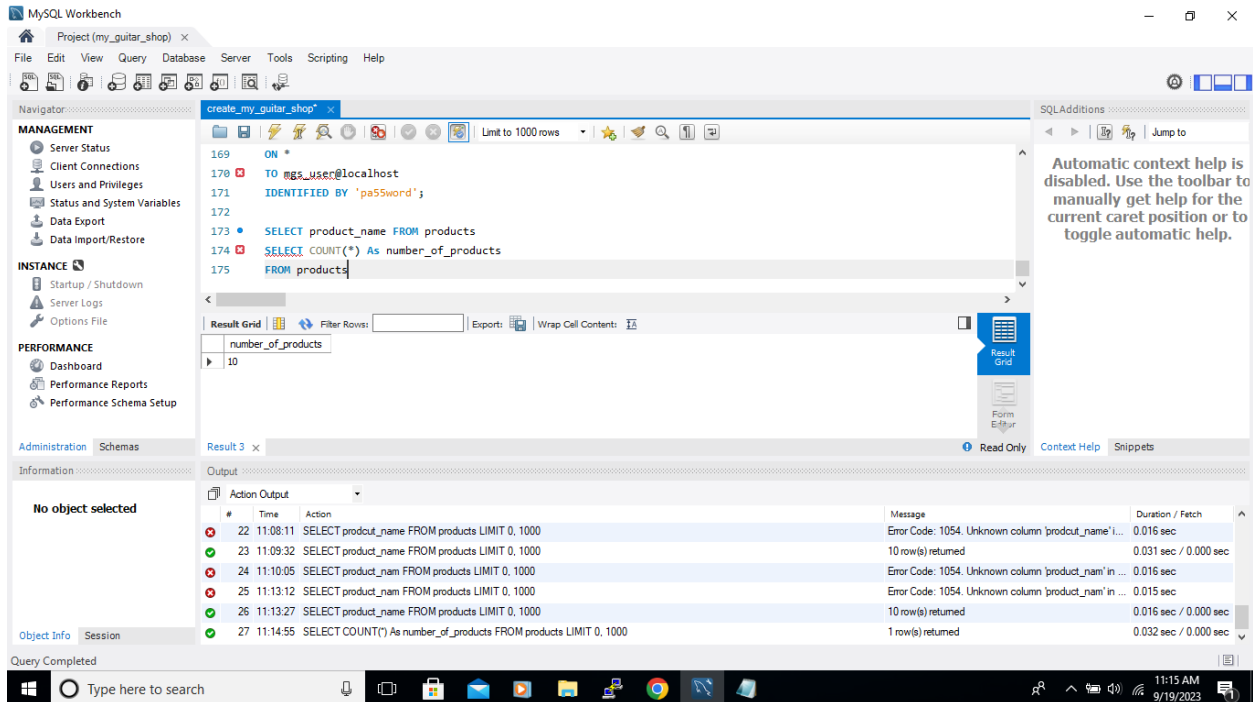
SQL Script:

```
44 city VARCHAR(40) NOT NULL,
45 state VARCHAR(2) NOT NULL,
46 zip_code VARCHAR(10) NOT NULL,
47 phone VARCHAR(12) NOT NULL,
48 disabled TINYINT(1) NOT NULL DEFAULT
49 CONSTRAINT addresses_fk_customers
50 FOREIGN KEY (customer_id)
51 REFERENCES customers (customer_id)
52 );
53
54 CREATE TABLE orders (
55 order_id INT PRIMARY KEY AUTO_INCREMENT,
56 customer_id INT NOT NULL,
57 order_date DATETIME NOT NULL,
58 ship_amount DECIMAL(10,2) NOT NULL,
59 tax_amount DECIMAL(10,2) NOT NULL,
60 ship_date DATETIME DEFAULT
```

Output Window:

#	Time	Action	Message	Duration / Fetch
15	10:53:26	INSERT INTO products (product_id, category_id, p...	10 row(s) affected Records: 10 Duplicates: 0 War...	0.031 sec
16	10:53:26	INSERT INTO customers (customer_id, email_addr...	8 row(s) affected Records: 8 Duplicates: 0 Wamin...	0.032 sec
17	10:53:26	INSERT INTO addresses (address_id, customer_id...	12 row(s) affected Records: 12 Duplicates: 0 War...	0.016 sec
18	10:53:26	INSERT INTO orders (order_id, customer_id, order...	9 row(s) affected Records: 9 Duplicates: 0 Wamin...	0.015 sec
19	10:53:26	INSERT INTO order_items (item_id, order_id, produ...	12 row(s) affected Records: 12 Duplicates: 0 War...	0.031 sec
20	10:53:26	INSERT INTO administrators (admin_id, email_addr...	3 row(s) affected Records: 3 Duplicates: 0 Wamin...	0.016 sec

Running both SQL statements:



MySQL Workbench

Project (my_guitar_shop) x

File Edit View Query Database Server Tools Scripting Help

Navigator: create_my_guitar_shop x

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Result Grid

product_name
10

Result 3 x

Read Only Context Help Snippets

Output

Action Output

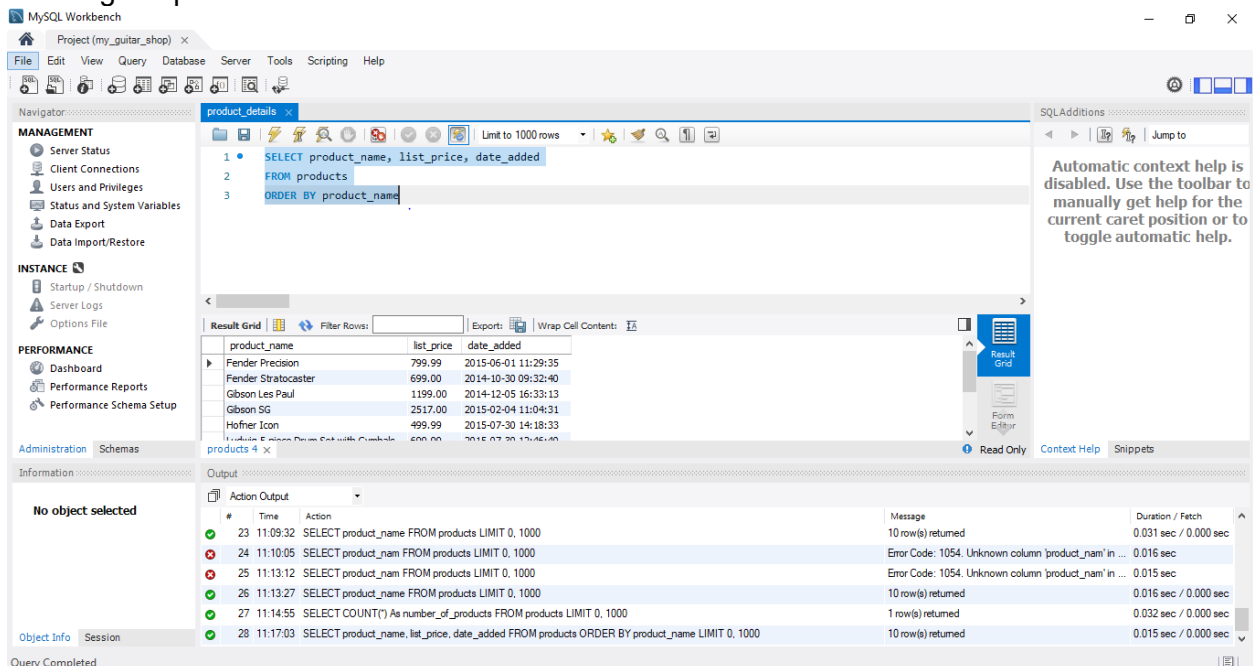
#	Time	Action	Message	Duration / Fetch
22	11:08:11	SELECT product_name FROM products LIMIT 0, 1000	Error Code: 1054. Unknown column 'product_name' in ...	0.016 sec
23	11:09:32	SELECT product_name FROM products LIMIT 0, 1000	10 row(s) returned	0.031 sec / 0.000 sec
24	11:10:05	SELECT product_name FROM products LIMIT 0, 1000	Error Code: 1054. Unknown column 'product_name' in ...	0.016 sec
25	11:13:12	SELECT product_name FROM products LIMIT 0, 1000	Error Code: 1054. Unknown column 'product_name' in ...	0.015 sec
26	11:13:27	SELECT product_name FROM products LIMIT 0, 1000	10 row(s) returned	0.016 sec / 0.000 sec
27	11:14:55	SELECT COUNT(*) As number_of_products FROM products LIMIT 0, 1000	1 row(s) returned	0.032 sec / 0.000 sec

Query Completed

Type here to search

11:15 AM 9/19/2023

Running the product details:



MySQL Workbench

Project (my_guitar_shop) x

File Edit View Query Database Server Tools Scripting Help

Navigator: product_details x

MANAGEMENT

- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
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INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Result Grid

product_name	list_price	date_added
Fender Precision	799.99	2015-06-01 11:29:35
Fender Stratocaster	699.00	2014-10-30 09:32:40
Gibson Les Paul	1199.00	2014-12-05 16:33:13
Gibson SG	2517.00	2015-02-04 11:04:31
Hofner Icon	499.99	2015-07-30 14:18:33
Yamaha F series Acoustic Electric Guitars	699.00	2015-07-30 14:18:33

products x

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
23	11:09:32	SELECT product_name FROM products LIMIT 0, 1000	10 row(s) returned	0.031 sec / 0.000 sec
24	11:10:05	SELECT product_name FROM products LIMIT 0, 1000	Error Code: 1054. Unknown column 'product_name' in ...	0.016 sec
25	11:13:12	SELECT product_name FROM products LIMIT 0, 1000	Error Code: 1054. Unknown column 'product_name' in ...	0.015 sec
26	11:13:27	SELECT product_name FROM products LIMIT 0, 1000	10 row(s) returned	0.016 sec / 0.000 sec
27	11:14:55	SELECT COUNT(*) As number_of_products FROM products LIMIT 0, 1000	1 row(s) returned	0.032 sec / 0.000 sec
28	11:17:03	SELECT product_name, list_price, date_added FROM products ORDER BY product_name LIMIT 0, 1000	10 row(s) returned	0.015 sec / 0.000 sec

Query Completed

Running Product Summary:

MySQL Workbench

Project: x

File Edit View Query Database Server Tools Scripting Help

Navigator: product_statements*

MANAGEMENT

- Server Status
- Client Connections
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INSTANCE

- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information: No object selected

Output: Action Output

#	Time	Action	Message	Duration / Fetch
64	11:34:09	INSERT INTO order_items (item_id, order_id, product_id, item_price, discount_amount, quantity) VALUES (1, 1, 2, '1199.00', '359.70...	12 row(s) affected Records: 12 Duplicates: 0 Warning...	0.031 sec
65	11:34:09	INSERT INTO administrators (admin_id, email_address, password, first_name, last_name) VALUES (1, 'admin@myguitarshop.com', '...	3 row(s) affected Records: 3 Duplicates: 0 Warning...	0.032 sec
66	11:34:09	GRANT SELECT, INSERT, UPDATE, DELETE ON * TO mgs_user@localhost IDENTIFIED BY 'pa55word'	Error Code: 1064. You have an error in your SQL synt...	0.015 sec
67	11:34:25	SELECT product_name, list_price, date_added FROM products ORDER BY product_name LIMIT 0, 1000	10 row(s) returned	0.015 sec / 0.000 sec
68	11:34:25	SELECT COUNT(*) AS number_of_products, MAX(list_price) AS most_expensive_product, MIN(date_added) AS oldest_pro...	1 row(s) returned	0.015 sec / 0.000 sec
69	11:35:47	SELECT COUNT(*) AS number_of_products, MAX(list_price) AS most_expensive_product, MIN(date_added) AS oldest_pro...	1 row(s) returned	0.047 sec / 0.000 sec

Query Completed

Running Product Statements:

MySQL Workbench

Project: x

File Edit View Query Database Server Tools Scripting Help

Navigator: product_statements*

MANAGEMENT

- Server Status
- Client Connections
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INSTANCE

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PERFORMANCE

- Dashboard
- Performance Reports
- Performance Schema Setup

Administration Schemas

Information: No object selected

Output: Action Output

#	Time	Action	Message	Duration / Fetch
66	11:34:09	GRANT SELECT, INSERT, UPDATE, DELETE ON * TO mgs_user@localhost IDENTIFIED BY 'pa55word'	Error Code: 1064. You have an error in your SQL synt...	0.015 sec
67	11:34:25	SELECT product_name, list_price, date_added FROM products ORDER BY product_name LIMIT 0, 1000	10 row(s) returned	0.015 sec / 0.000 sec
68	11:34:25	SELECT COUNT(*) AS number_of_products, MAX(list_price) AS most_expensive_product, MIN(date_added) AS oldest_pro...	1 row(s) returned	0.015 sec / 0.000 sec
69	11:35:47	SELECT COUNT(*) AS number_of_products, MAX(list_price) AS most_expensive_product, MIN(date_added) AS oldest_pro...	1 row(s) returned	0.047 sec / 0.000 sec
70	11:37:07	SELECT product_name, list_price, date_added FROM products ORDER BY product_name LIMIT 0, 1000	10 row(s) returned	0.016 sec / 0.000 sec
71	11:37:07	SELECT COUNT(*) AS number_of_products, MAX(list_price) AS most_expensive_product, MIN(date_added) AS oldest_pro...	1 row(s) returned	0.015 sec / 0.000 sec

Query Completed