

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator: Local instance MySQL80

**SCHEMAS**

Filter objects

- carshowroom
- emp
- pavan
  - Tables
  - Views
  - Stored Procedures
  - Functions
- sys

Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 #1) Write a query to create a database named ecomm.
2 • create database ecomm;
```

SQL Additions

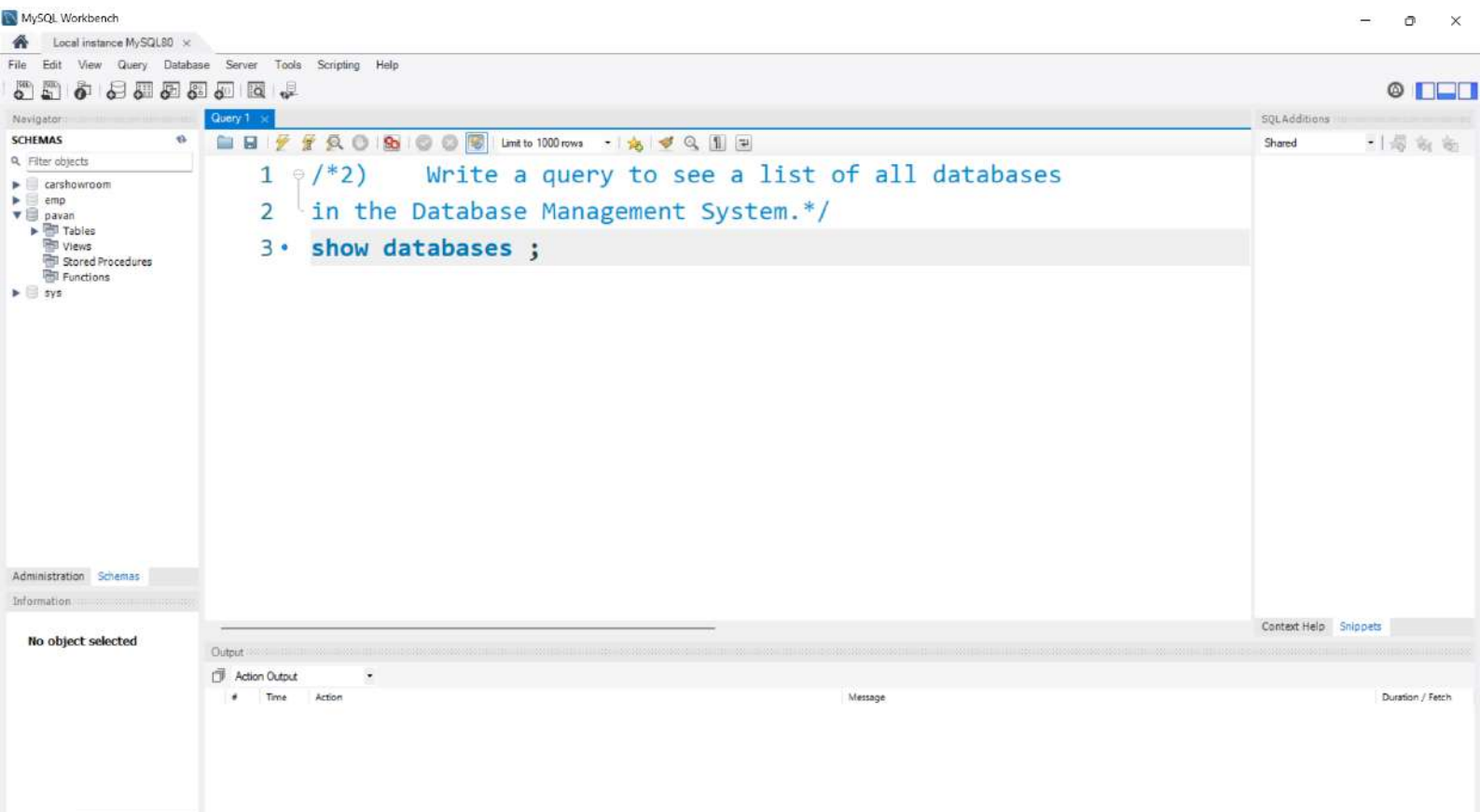
Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	08:35:03	create database ecomm	1 row(s) affected	0.016 sec



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Administration Schemas

Information

Query 1

Limit to 1000 rows

```
1 /*3)Write a query to drop database ecommerce.*/  
2 • drop database ecomm;
```

SQL Additions

Shared

Context Help Snippets

No object selected

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	08:39:41	drop database ecomm	0 row(s) affected	0.031 sec

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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*1)Write a query to create a table named as userinfo which
2 contains user_id,username,password,email,created_on,.
3 user_id must be unique,
4 not null and auto increment,
5 created_on must be a date field.*/
6 • create table userinfo(user_id int unique not null auto_increment,
7 username varchar(20),password varchar(20),email varchar(30),
8 created_on date);
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	08:45:27	create table userinfo(user_id int unique not null auto_increment, username varchar(20),password varchar(20),email...	0 row(s) affected	0.047 sec

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Query 1

```
1 /*2)Write a query to see the table description or structure.*/  
2 • desc userinfo;
```

Limit to 1000 rows

Result Grid

Field	Type	Null	Key	Default	Extra
user_id	int	NO	PRI		auto_increment
username	varchar(20)	YES			
password	varchar(20)	YES			
email	varchar(30)	YES			
created_on	date	YES			

Administration Schemas

Information

No object selected

Result 1

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	08:47:41	desc userinfo	5 row(s) returned	0.016 sec / 0.000 sec

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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*3)Write a query to add mobile_no column after
2 email column in above table.*/
3 • alter table userinfo
4 add column mobile_no bigint after email;
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	08:55:24	alter table userinfo add column mobile_no bigint after email	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec

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Administration Schemas

Information

**No object selected**

Query 1

Limit to 1000 rows

```
1 /*4)Write a query to rename table userinfo to user.*/
2 • alter table userinfo
3 rename to user;
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	08:57:05	alter table userinfo rename to user	0 row(s) affected	0.015 sec

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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*5)Write a query to change
2 the datatype of created_on from date to datetime.*/
3 • alter table user
4 modify created_on datetime;
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	08:59:48	alter table user modify created_on datetime	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec



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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*6)Write a query to Rename column mobile_no to mob_no.*/
2 • alter table user
3 rename column mobile_no to mob_no;
```

SQL Additions

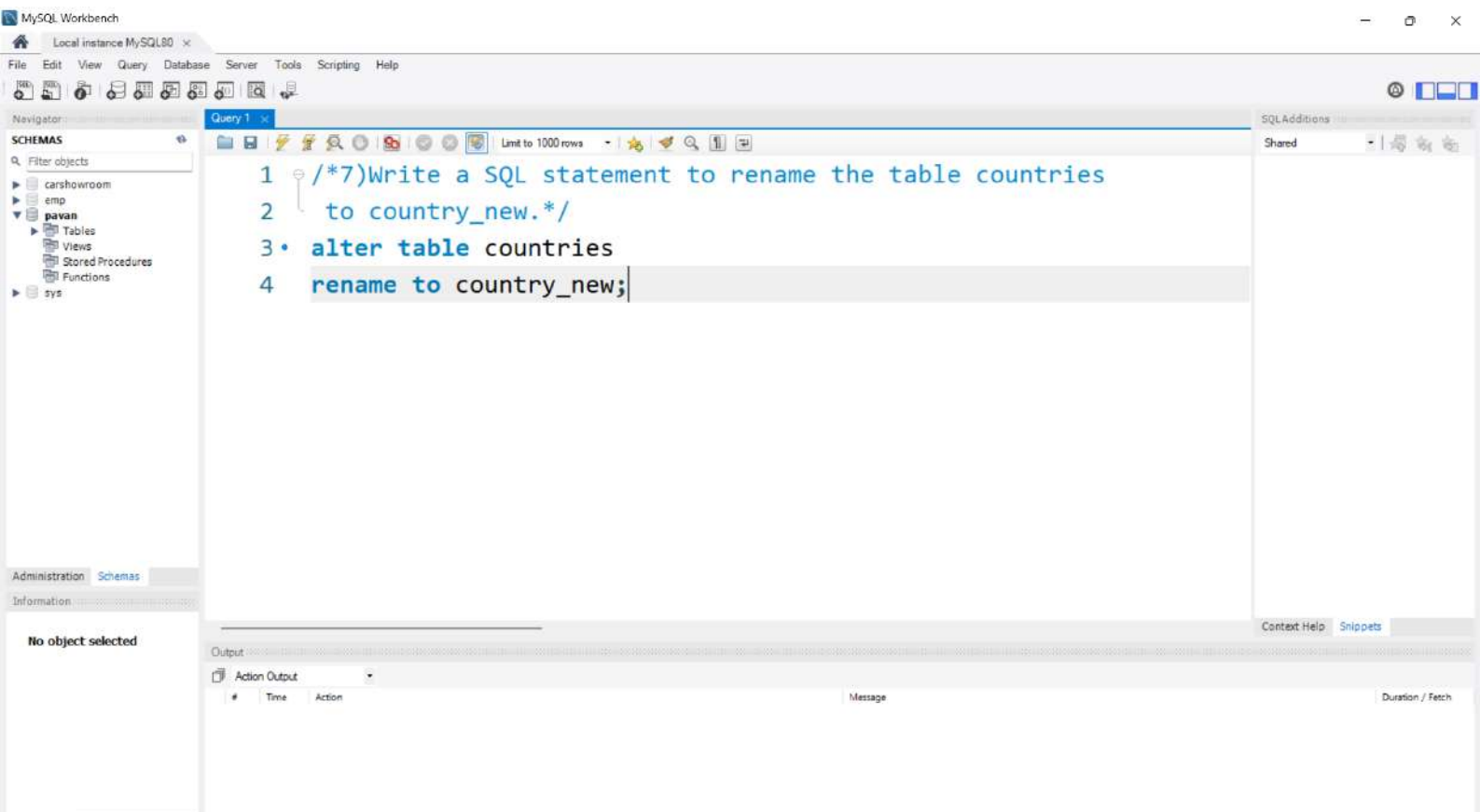
Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:08:16	alter table user rename column mobile_no to mob_no	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec



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Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*8)Write a SQL statement to add a column region_id
2 to the table locations.*/
3 • alter table locations
4 add column region_id varchar(20);
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:14:02	alter table locations add column region_id varchar(20)	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.000 sec

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Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*9)Write a SQL statement to add a column ID
2 as the first column of the table locations.*/
3 • alter table locations
4 add column id int first;
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:18:31	alter table locations add column id int first	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec

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SCHEMAS

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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*10)Write a SQL statement to add a column region_id
2 after state_province to the table locations.*/
3 • alter table locations
4 add column region_id varchar(20) after state_province;
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:29:47	alter table locations add column region_id varchar(20) after state_province	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec

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Navigator

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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*11)Write a SQL statement to change the data type of
2 the column country_id to integer in the table locations.*/
3 • alter table locations
4 modify country_id int;
```

SQL Additions

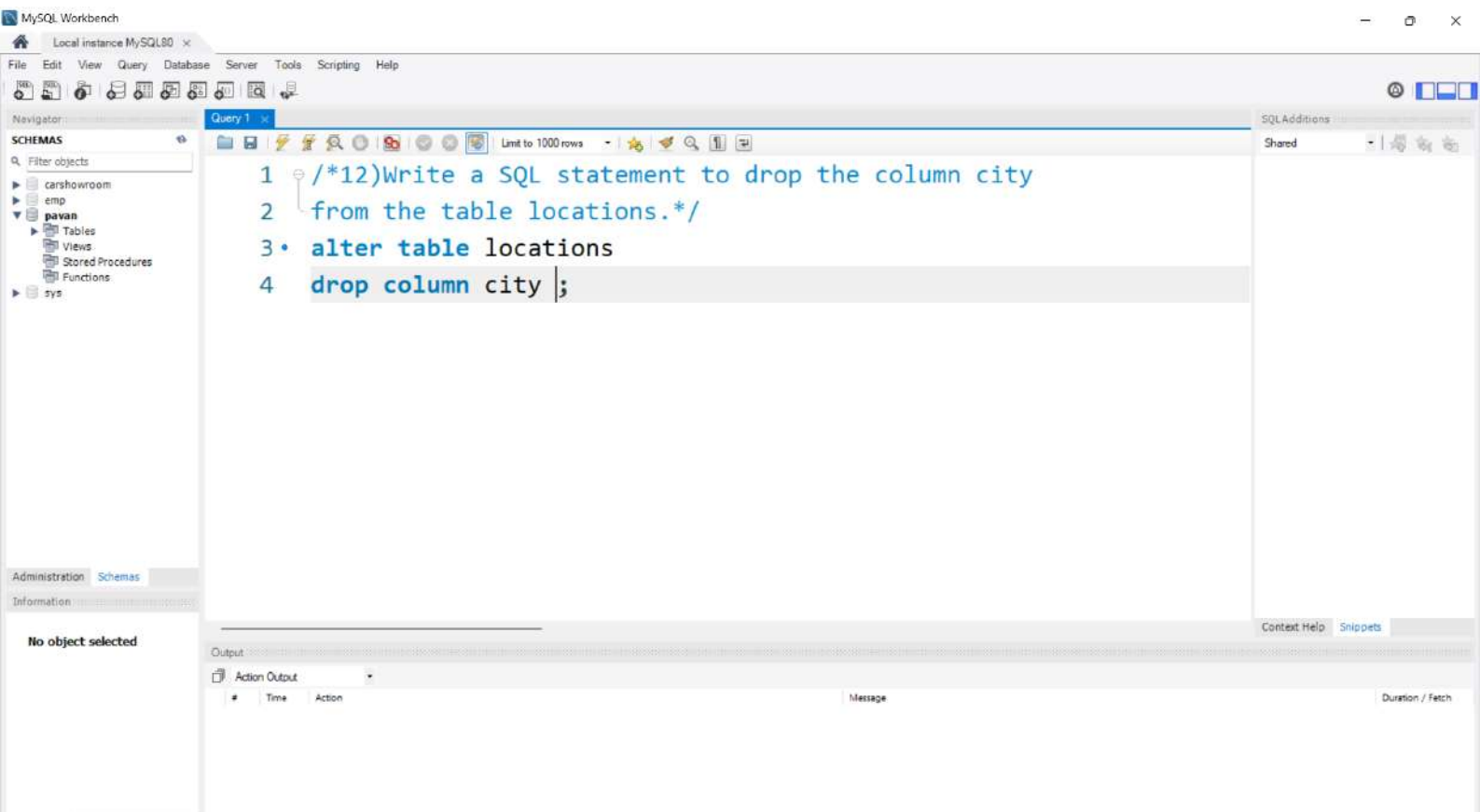
Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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Navigator

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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*13)Write a SQL statement to change the name
2 of the column state_province to state,
3 keeping the data type and size same.*/
4 • alter table locations
5 rename column state_province to state;
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:44:03	alter table locations rename column state_province to state	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.031 sec



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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*14)Write a SQL statement to add a primary key for the columns
2 location_id in the locations table.*/
3 • alter table locations
4 modify column location_id int primary key;
5
```

SQL Additions

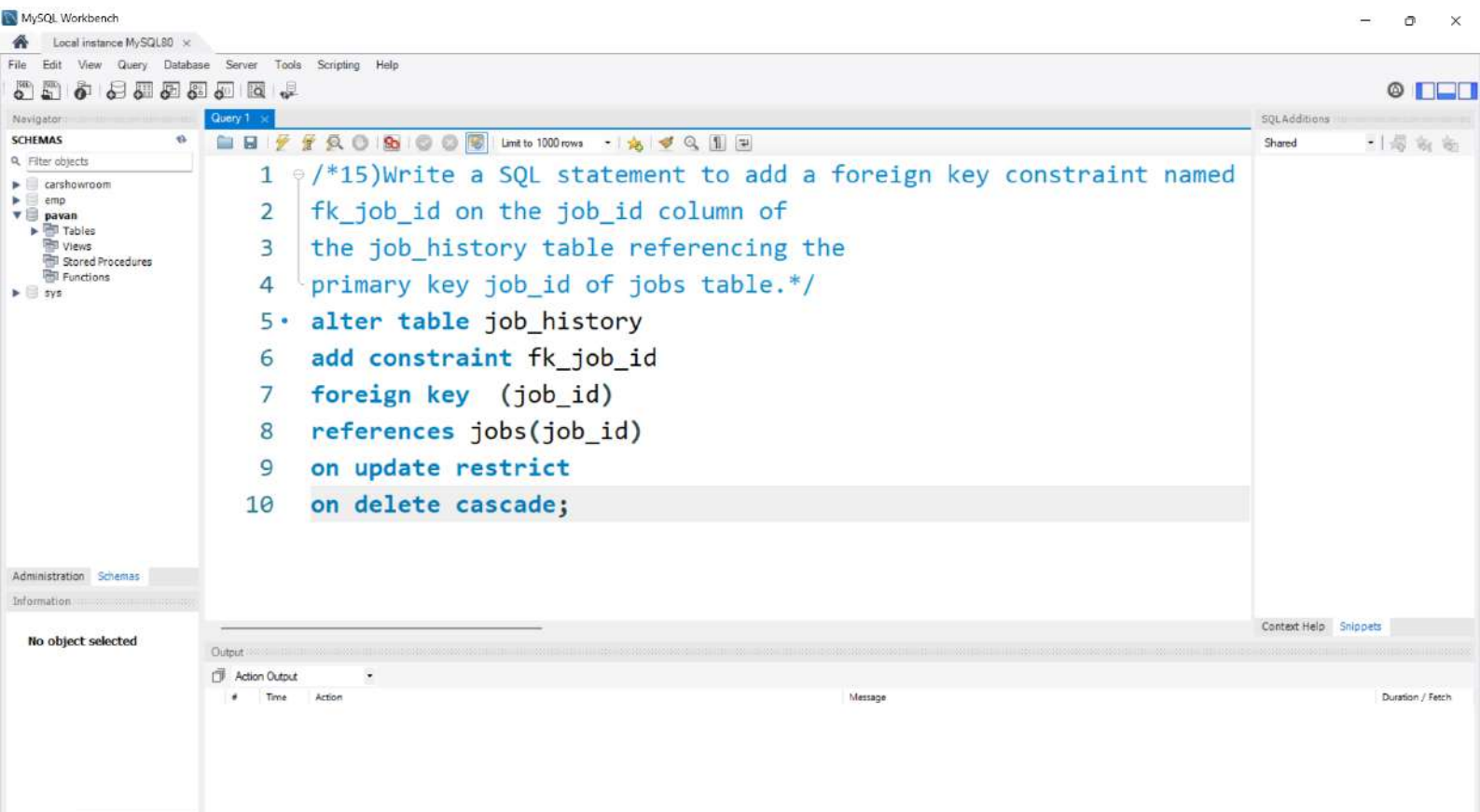
Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	09:48:20	alter table locations modify column location_id int primary key	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.015 sec



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Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```
1 /*16)Write a SQL statement to drop the existing foreign key
2  fk_job_id from the job_history table on the job_id column
3  which is referencing the job_id of jobs table.
4  Note: fk_job_id is a constraint name.*/
5 • alter table job_history
6  drop foreign key fk_job_id;
```

SQL Additions

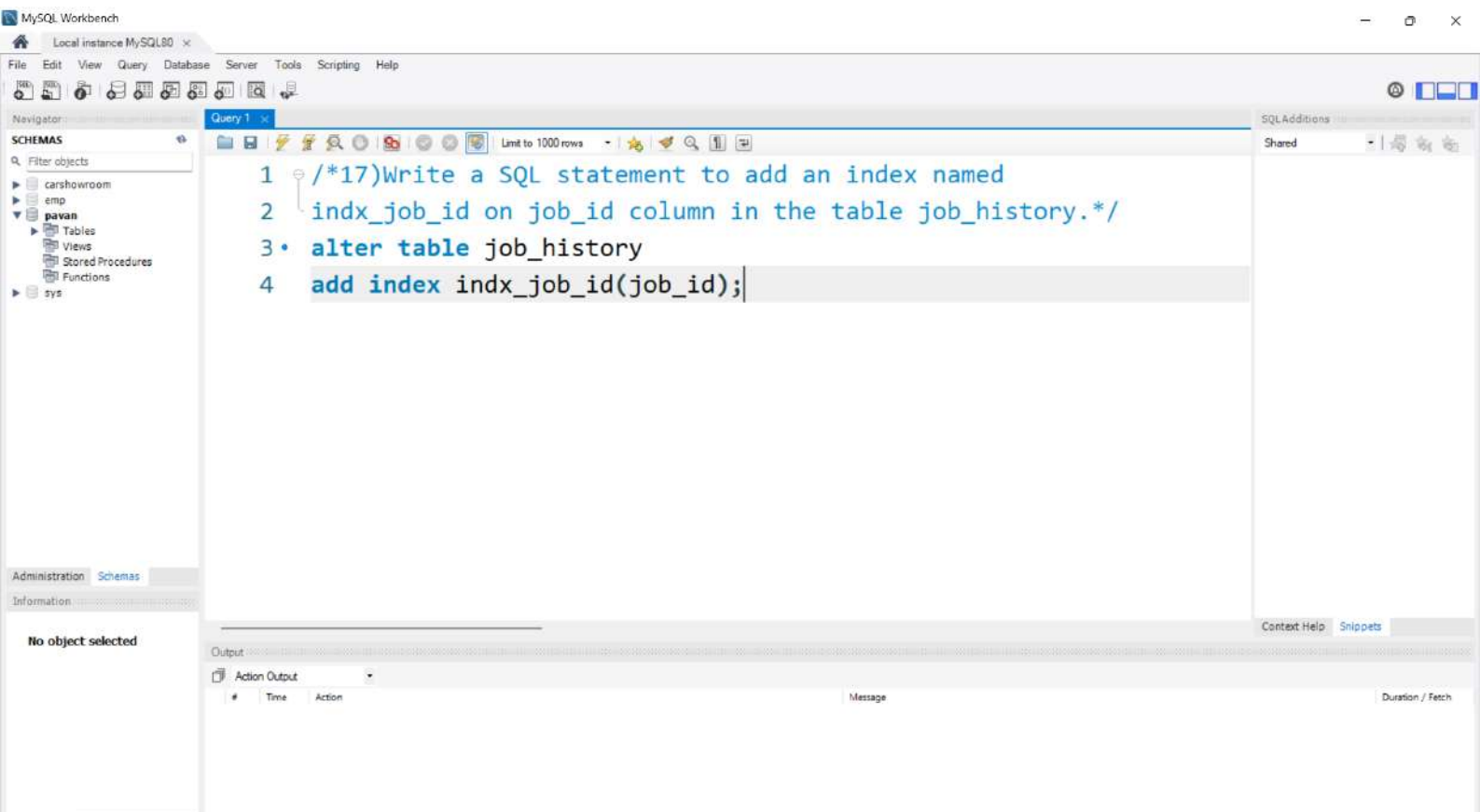
Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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No object selected

Query 1

Limit to 1000 rows

```
1 /*1)Write a query to create product table which contains columns
2 product_id,product_name,price,category,description,image_url,
3 is_deleted. product_id is unique,not null and auto increment.*/
4 • create table product(product_id int primary key auto_increment,
5 product_name varchar(20),price float,category varchar(20),
6 description varchar(30),image_url varchar(50),
7 is_deleted varchar(20));
```

SQL Additions

Shared

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	10:10:17	create table productproduct_id int primary key auto_increment, product_name varchar(20),price float category var...	0 row(s) affected	0.015 sec

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Administration Schemas Information

No object selected

Query 1

```
10 • create table cart (  
11     cart_id int auto_increment primary key,  
12     user_id int not null,  
13     product_id int,  
14     constraint fk_cart_user foreign key (user_id)  
15         references user(user_id)  
16         on delete cascade  
17         on update cascade,  
18     constraint fk_cart_product foreign key (product_id)  
19         references product(product_id)  
20         on delete cascade  
21         on update cascade);
```

SQL Additions

Shared

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	10:28:45	create table cart ( cart_id int auto_increment primary key, user_id int not null, product_id int, constraint fk...	0 row(s) affected	0.047 sec