

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

SQLSQL

Navigator

SCHEMAS

Filter objects

lesson1

Tables

telephones

Columns

Indexes

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sakila

sys

world

Administration

Schemas

Information

Table: telephones

Columns:

id

productName

Manufacturer

ProductCount

Price

int

AI

PK

varchar(45)

varchar(45)

int

int

Object Info

Session

Query 1

telephones - Table

Table Name: telephones

Schema: lesson1

Charset/Collation: utf8mb4 utf8mb4_0900_ai_ci

Engine: InnoDB

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
id	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
ProductName	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Manufacturer	VARCHAR(45)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ProductCount	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	'0'
Price	INT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	'0'

Column Name:

Charset/Collation:

Comments:

Data Type:

Default:

Storage:

☐ Virtual

☐ Stored

☐ Primary Key

☐ Not Null

☐ Unique

☐ Binary

☐ Unsigned

☐ Zero Fill

☐ Auto Increment

☐ Generated

Columns

Indexes

Foreign Keys

Triggers

Partitioning

Options

Apply

Revert

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	22:05:54	Apply changes to lesson1	Changes applied	

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Query Completed

15°C Mostly cloudy

22:16 21.05.2023

Apply SQL Script to Database

Review SQL Script

Apply SQL Script

Review the SQL Script to be Applied on the Database

```
1 INSERT INTO `lesson1`.`telephones` (`ProductName`, `Manufacturer`, `ProductCount`, `Price`) VALUES ('Iphone X', 'Apple', '3', '76000');
2 INSERT INTO `lesson1`.`telephones` (`ProductName`, `Manufacturer`, `ProductCount`, `Price`) VALUES ('Iphone 8 ', 'Apple', '2', '51000');
3 INSERT INTO `lesson1`.`telephones` (`ProductName`, `Manufacturer`, `ProductCount`, `Price`) VALUES ('Galaxy S9', 'Samsung', '2', '56000');
4 INSERT INTO `lesson1`.`telephones` (`ProductName`, `Manufacturer`, `ProductCount`, `Price`) VALUES ('Galaxy S8', 'Samsung', '1', '41000');
5 INSERT INTO `lesson1`.`telephones` (`ProductName`, `Manufacturer`, `ProductCount`, `Price`) VALUES ('P20 Pro', 'Huawei', '5', '36000');
6
```

Back

Apply

Cancel

Administration Schemas

Information

Table: telephones

Columns:

id

telephones 1 x

Apply

Revert

Output

Action Output

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

SQLSQL

Navigator

SCHEMAS

Filter objects

lesson1

Tables

▶ telephones

Views

Stored Procedures

Functions

sakila

sys

world

Query 1 x telephones

Limit to 1000 rows

1 •

USE lesson1;

2 •

SELECT ProductName, Manufacturer, Price

3

FROM telephones

4

WHERE ProductCount > 2;

5

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	ProductName	Manufacturer	Price
▶	Iphone X	Apple	76000
	P20 Pro	Huawei	36000

Administration

Schemas

Information

Table: telephones

Columns:

id

int AI PK

ProductName

varchar(45)

Manufacturer

varchar(45)

ProductCount

int

Price

int

Object Info

Session

telephones 1 x

Read Only

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	23:07:53	SELECT * FROM lesson1.telephones LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.016 sec
✓ 2	23:13:28	USE lesson1	0 row(s) affected	0.015 sec
✓ 3	23:13:28	SELECT ProductName, Manufacturer, Price FROM telephones WHERE ProductCount > 2 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

Поиск

13°C Mostly cloudy


23:14

21.05.2023

Query 1 × telephones


```
1 • USE lesson1;
2 • SELECT ProductName, Manufacturer, Price
3     FROM telephones
4     WHERE ProductCount > 2;
5
6 • SELECT * FROM telephones
7     WHERE Manufacturer = 'Samsung';
8
```

- ▼ lesson1
 - ▼ Tables
 - ▶ **telephones**
 - Views
 - Stored Procedures
 - Functions
 - ▶ sakila
 - ▶ sys
 - ▶ world

Result Grid   Filter Rows: Edit:    Export/Import:   Wrap Cell Content: 

	id	ProductName	Manufacturer	ProductCount	Price
▶	3	Galaxy S9	Samsung	2	56000
	4	Galaxy S8	Samsung	1	41000
*	NULL	NULL	NULL	NULL	NULL

Administration Schemas

Information:

telephones 2 x

Apply

Revert

Output :

Action Output

#	Time	Action	Message	Duration / Fetch
✓	1 23:07:53	SELECT * FROM lesson1.telephones LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.016 sec
✓	2 23:13:28	USE lesson1	0 row(s) affected	0.015 sec
✓	3 23:13:28	SELECT ProductName, Manufacturer, Price FROM telephones WHERE ProductCount > 2 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
✓	4 23:15:34	SELECT * FROM telephones WHERE Manufacturer = 'Samsung' LIMIT 0, 1000	2 row(s) returned	0.016 sec / 0.000 sec

Object Info Session

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SCHEMAS

Filter objects

lesson1

Tables

telephones

Views

Stored Procedures

Functions

sakila

sys

world

Query 1

telephones

Limit to 1000 rows

```
1 • USE lesson1;
2
3 • SELECT * FROM telephones
4 WHERE ProductCount*Price BETWEEN 100001 AND 144999;
5
6
7
```

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	id	ProductName	Manufacturer	ProductCount	Price
▶	2	Iphone 8	Apple	2	51000
	3	Galaxy S9	Samsung	2	56000
*	NULL	NULL	NULL	NULL	NULL

Administration

Schemas

Information

Table: telephones

Columns:

id

int AI PK

ProductName

varchar(45)

Manufacturer

varchar(45)

ProductCount

int

Price

int

Object Info

Session

telephones 6

Apply

Revert

Output

Action Output

	#	Time	Action	Message	Duration / Fetch
✖	6	23:18:14	SELECT * FROM telephones WHERE ProductCount * Price IS BETWEEN(100001, 144999)	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✖	7	23:19:33	SELECT * FROM telephones WHERE ProductCount*Price BETWEEN(100001, 144999)	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✔	8	23:21:29	SELECT * FROM telephones WHERE ProductCount*Price > 100000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✔	9	23:22:06	SELECT * FROM telephones WHERE 100000 < ProductCount*Price < 145000 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✔	10	23:22:22	SELECT * FROM telephones WHERE ProductCount*Price < 145000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
✔	11	23:25:24	SELECT * FROM telephones WHERE ProductCount*Price BETWEEN 100001 AND 144999 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

Поиск

13°C Mostly cloudy

23:25

21.05.2023

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SCHEMAS

Filter objects

lesson1

Tables

telephones

Columns

id

ProductName

Manufacturer

ProductCount

Price

Indexes

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sakila

sys

world

Administration

Schemas

Information

Table: telephones

Columns:

id

ProductName

Manufacturer

ProductCount

Price

int AI PK

varchar(45)

varchar(45)

int

int

Object Info

Session

Query 1

telephones

Limit to 1000 rows

1

2

3

4

5

6

7

USE lesson1;

SELECT * FROM telephones

WHERE ProductName LIKE '%Iphone%';

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	id	ProductName	Manufacturer	ProductCount	Price
▶	1	Iphone X	Apple	3	76000
	2	Iphone 8	Apple	2	51000
*	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

telephones 7

Apply

Revert

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✖	7 23:19:33	SELECT * FROM telephones WHERE ProductCount*Price BETWEEN(100001, 144999)	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
✔	8 23:21:29	SELECT * FROM telephones WHERE ProductCount*Price > 100000 LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✔	9 23:22:06	SELECT * FROM telephones WHERE 100000 < ProductCount*Price < 145000 LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✔	10 23:22:22	SELECT * FROM telephones WHERE ProductCount*Price < 145000 LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec
✔	11 23:25:24	SELECT * FROM telephones WHERE ProductCount*Price BETWEEN 100001 AND 144999 LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
✔	12 23:32:18	SELECT * FROM telephones WHERE ProductName LIKE '%Iphone%' LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

13°C Mostly cloudy

23:32

21.05.2023

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SCHEMAS

Filter objects

lesson1

Tables

telephones

Columns

id

ProductName

Manufacturer

ProductCount

Price

Indexes

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sakila

sys

world

Query 1

telephones

Limit to 1000 rows

```
1 • USE lesson1;
2
3 • SELECT * FROM telephones
4 WHERE ProductName RLIKE '[0-9]';
5
6
7
```

Result Grid

Filter Rows:

Edit:

Export/Import:

Wrap Cell Content:

	id	ProductName	Manufacturer	ProductCount	Price
▶	2	Iphone 8	Apple	2	51000
	3	Galaxy S9	Samsung	2	56000
	4	Galaxy S8	Samsung	1	41000
	5	P20 Pro	Huawei	5	36000
*	NULL	NULL	NULL	NULL	NULL

Administration

Schemas

Information

Table: telephones

Columns:

id

int AI PK

ProductName

varchar(45)

Manufacturer

varchar(45)

ProductCount

int

Price

int

Object Info

Session

telephones 11

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	11	23:25:24	SELECT * FROM telephones WHERE ProductCount*Price BETWEEN 100001 AND 144999 LIMIT 0, 1000	2 row(s) returned 0.000 sec / 0.000 sec
✓	12	23:32:18	SELECT * FROM telephones WHERE ProductName LIKE "%Iphone%" LIMIT 0, 1000	2 row(s) returned 0.000 sec / 0.000 sec
✓	13	23:32:52	SELECT * FROM telephones WHERE ProductName LIKE "%Galaxy%" LIMIT 0, 1000	2 row(s) returned 0.000 sec / 0.000 sec
✓	14	23:33:34	SELECT * FROM telephones WHERE ProductName LIKE "" LIMIT 0, 1000	0 row(s) returned 0.000 sec / 0.000 sec
✓	15	23:33:45	SELECT * FROM telephones WHERE ProductName LIKE ".*" LIMIT 0, 1000	0 row(s) returned 0.000 sec / 0.000 sec
✓	16	23:35:03	SELECT * FROM telephones WHERE ProductName RLIKE "[0-9]" LIMIT 0, 1000	4 row(s) returned 0.016 sec / 0.000 sec

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23:35

21.05.2023

