

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

SQLFileNewQueryRecentLimit to 1000 rows

1 • SELECT \* FROM intro\_to\_dml\_z\_wang.person;

Navigator

SCHEMAS

Filter objects

advanced\_foreign\_keys\_z\_wang

ch07\_saleco

database\_inheritance\_z\_wang

intro\_to\_dml\_z\_wang

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AdministrationSchemas

Information

Schema: intro\_to\_dml\_z\_wang

Object InfoSession

SQL File 2\* person

Limit to 1000 rows

1 • SELECT \* FROM intro\_to\_dml\_z\_wang.person;

Result Grid

Filter Rows:

person\_idfirst\_namelast\_name

1JuanBrown

2JuleDudash

3NoeErnest

4MaxineMatthews

NULLNULLNULL

Form Editor

Field Types

Query Stats

Execution Plan

SQL Additions

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

person 1

ApplyRevertContext HelpSnippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	14:07:03	USE intro_to_dml_z_wang	0 row(s) affected	0.000 sec
6	14:07:37	CREATE TABLE person ( person_id int NOT NULL AUTO_INCREMENT, first_name varchar(50) NOT NULL, last_name varchar(50) NOT NULL, PR...	0 row(s) affected	0.016 sec
7	14:08:21	INSERT INTO Person (first_name, last_name) VALUES ('Juan', 'Brown')	1 row(s) affected	0.016 sec
8	14:08:36	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
9	14:09:04	INSERT INTO Person (first_name, last_name) VALUES ('Jule', 'Dudash'), ('Noe', 'Ernest'), ('Maxine', 'Matthews')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
10	14:09:20	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Query Completed

2:09 PM 2024-11-01

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

SQL File 2\*person

Limit to 1000 rows

1

2

3

4

INSERT INTO Person

(person\_id, first\_name, last\_name)

VALUES

(20, 'William'\*3, 'Moore');

SCHEMAS

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world

AdministrationSchemas

Information

Schema: intro\_to\_dml\_z\_wang

SQL Additions

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

Output

Copy RowCopy ActionCopy ResponseCopy DurationAppend Selected Items to SQL scriptReplace SQL Script With Selected ItemsClear

#	Time	Action	Message	Duration / Fetch
6	14:07:37	CREATE TABLE person ( person_id int NOT NULL AUTO_INCREMENT, first_name varchar(50) NOT NULL, last_name varchar(50) NOT NULL, PR...	0 row(s) affected	0.016 sec
7	14:08:21	INSERT INTO Person (first_name, last_name) VALUES (Juan', Brown')	1 row(s) affected	0.016 sec
8	14:08:36	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
9	14:09:04	INSERT INTO Person (first_name, last_name) VALUES (Julie', 'Dudash'), (Noe', 'Ernest'), (Maxine', 'Matthews')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
10	14:09:20	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
11	14:10:17	INSERT INTO Person (person_id, first_name, last_name) VALUES (20, 'William'*3, 'Moore')	Error Code: 1292. Truncated incorrect DOUBLE value: 'William'	0.000 sec

Query interrupted

2:11 PM 2024-11-01

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

SQL File 2\*person

Limit to 1000 rows

Navigator

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SQL File 2\*person

1 INSERT INTO Person

2 (first\_name)

3 VALUES

4 ('Par');

5

SQLAdditions

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

AdministrationSchemas

Information

Schema: intro\_to\_dml\_z\_wang

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	14:08:21	INSERT INTO Person (first_name, last_name) VALUES (Juan, 'Brown')	1 row(s) affected	0.016 sec
8	14:08:36	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
9	14:09:04	INSERT INTO Person (first_name, last_name) VALUES ('Julie', 'Dudash'), ('Noe', 'Ernest'), ('Maxine', 'Matthews')	3 row(s) affected Records: 3 Duplicates: 0 Warnings: 0	0.000 sec
10	14:09:20	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
11	14:10:17	INSERT INTO Person (person_id, first_name, last_name) VALUES (20, 'William', 3, 'Moore')	Error Code: 1292. Truncated incorrect DOUBLE value: 'William'	0.000 sec
12	14:12:27	INSERT INTO Person (first_name) VALUES ('Par')	Error Code: 1364. Field 'last_name' doesn't have a default value	0.000 sec

Copy Row

Copy Action

Copy Response

Copy Duration

Append Selected Items to SQL script

Replace SQL Script With Selected Items

Clear

Query interrupted

2:12 PM

2024-11-01

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

SQL File 2person

Limit to 1000 rows

1update person

2set birth\_date = '1920-05-17'

3where person\_id = 1;

4

5update person

6set birth\_date = '1944-12-03'

7where person\_id = 2;

8

9update person

10set birth\_date = '1977-03-30'

11where person\_id = 3;

12

13update person

14set birth\_date = '1981-05-29'

15where last\_name = 'Matthews';

SQL Additions

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

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Information

Schema: intro\_to\_dml\_z\_wang

Context HelpSnippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
26	14:28:58	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
27	14:29:57	update person set birth_date = '1920-05-17' where person_id = 1	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
28	14:29:57	update person set birth_date = '1944-12-03' where person_id = 2	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
29	14:29:57	update person set birth_date = '1977-03-30' where person_id = 3	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
30	14:29:57	update person set birth_date = '1981-05-29' where last_name = 'Matthews'	2 row(s) affected Rows matched: 2 Changed: 2 Warnings: 0	0.000 sec
31	14:30:03	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Query Completed

SQL File 2\* person x

1 • `SELECT * FROM intro to dml z wang.person;`

◀ ▶

Schema:  
intro to dml z wang

Query Completed

2:36 PM  
2024-11-01

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

	person_id	first_name	last_name	birth_date
▶	1	Juan	Brown	1920-05-17
	2	Julie	Dudash	1944-12-03
	3	Noe	Ernest	1977-03-30
	4	Maxine	Matthews	1981-05-29
	21	Nancy	Matthews	1981-05-29
	22	Melanie	Hanson	2002-03-04

person 1 x

Apply

Revert

Context Help

## Snippets

Output :

Action Output

#	Time	Action	Message	Duration / Fetch
36	14:32:43	ALTER TABLE person CHANGE COLUMN birth_date birth_date DATE NOT NULL	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.047 sec
37	14:33:07	INSERT INTO Person (first_name, last_name) VALUES ('Carolyn', 'Austin')	Error Code: 1364. Field 'birth_date' doesn't have a default value	0.000 sec
38	14:35:19	ALTER TABLE person CHANGE COLUMN birth_date birth_date DATE NOT NULL DEFAULT "2024-11-01"	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec
39	14:36:10	ALTER TABLE person CHANGE COLUMN birth_date birth_date DATE NOT NULL DEFAULT "2002-03-04"	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec
40	14:36:35	INSERT INTO Person (first_name, last_name) VALUES ('Melanie', 'Hanson')	1 row(s) affected	0.000 sec
41	14:36:39	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

SQL File 2person

Limit to 1000 rows

1delete

2from person

3where last\_name = 'Ernest';

4

5delete

6from person

7where birth\_date < '1974-11-01';

8

9delete

10from person;

SQL Additions

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SCHEMAS

Filter objects

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Schema: intro\_to\_dml\_z\_wang

Context HelpSnippets

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Action Output

#	Time	Action	Message	Duration / Fetch
37	14:33:07	INSERT INTO Person (first_name, last_name) VALUES ('Carolyn', 'Austin')	Error Code: 1364. Field 'birth_date' doesn't have a default value	0.000 sec
38	14:35:19	ALTER TABLE person CHANGE COLUMN birth_date birth_date DATE NOT NULL DEFAULT "2024-11-01"	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec
39	14:36:10	ALTER TABLE person CHANGE COLUMN birth_date birth_date DATE NOT NULL DEFAULT "2002-03-04"	0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0	0.016 sec
40	14:36:35	INSERT INTO Person (first_name, last_name) VALUES ('Melanie', 'Hanson')	1 row(s) affected	0.000 sec
41	14:36:39	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
42	14:38:24	SELECT * FROM intro_to_dml_z_wang.person LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec


Query Completed

2:46 PM2024-11-01



SQL File 3\* x product vendor

Filter objects

▼  ch07\_saleco

- customer
- emp

- ▶ invoice
- ▶ ...

▶ vardate

Stored Procedures

- ▶ database\_inheritance\_z\_wang
- ▶ intro\_to\_dml\_z\_wang

▶ primary\_and\_foreign\_keys\_z\_

- ▶ sakila
- ▶ simple\_address\_book


- ▶ test1\_zwang
- ▶ test\_relationships\_zwang

Administration    Schemes

Information

Schema: ch07\_saleco

Query Completed



```

1  SELECT P_CODE, P_DESCRIPTOR, V_NAME, V_CONTACT, V_AREACODE, V_PHONE
2  FROM PRODUCT
3  left JOIN VENDOR
4  ON PRODUCT.V CODE = VENDOR.V CODE;

```

Result Grid Filter Rows: Export: Wrap Cell Content:

P_CODE	P_DESCRIPTOR	V_NAME	V_CONTACT	V_AREACODE	V_PHONE
11QER/31	Power painter, 15 psi., 3-nozzle	Rubicon Systems	Orton	904	456-0092
13-Q2/P2	7.25-in. pwr. saw blade	Gomez Bros.	Ortega	615	889-2546
14-Q1/L3	9.00-in. pwr. saw blade	Gomez Bros.	Ortega	615	889-2546
1546-QQ2	Hrd. cloth, 1/4-in., 2x50	Randssets Ltd.	Anderson	901	678-3998
1558-QW1	Hrd. cloth, 1/2-in., 3x50	Randssets Ltd.	Anderson	901	678-3998
2232/QTY	B&D jigsaw, 12-in. blade	ORDVA, Inc.	Hakford	615	898-1234
2232/QWE	B&D jigsaw, 8-in. blade	ORDVA, Inc.	Hakford	615	898-1234
2238/QPD	B&D cordless drill, 1/2-in.	Rubicon Systems	Orton	904	456-0092
23109-HB	Claw hammer	Bryson, Inc.	Smithson	615	223-3234
23114-AA	Sledge hammer, 12 lb.	HOLDS	HOLDS	HOLDS	HOLDS
54778-2T	Rat-tail file, 1/8-in. fine	Gomez Bros.	Ortega	615	889-2546
89-WRE-Q	Hicut chain saw, 16 in.	ORDVA, Inc.	Hakford	615	898-1234
PVC23DRT	PVC pipe, 3.5-in., 8-ft	HOLDS	HOLDS	HOLDS	HOLDS
SM-18277	1.25-in. metal screw, 25	Bryson, Inc.	Smithson	615	223-3234
SW-23116	2.5-in. wd. screw, 50	D&E Supply	Singh	615	228-3245
WR3/TT3	Steel matting, 4'x8'x1/6", .5" mesh	Rubicon Systems	Orton	904	456-0092

Output: 



#	Time	Action
---	------	--------

#	Time	Action	Message	Duration / Fetch
46	15:05:42	SELECT P_CODE, P_DESCRIPTOR, V_NAME, V_CONTACT, V_AREACODE, V_PHONE FROM PRODUCT INNER JOIN VENDOR ON PRODUCT.V...	14 row(s) returned	0.015 sec / 0.000 sec
47	15:08:07	SELECT * FROM ch07_saleco.product LIMIT 0, 1000	16 row(s) returned	0.000 sec / 0.000 sec
48	15:08:11	SELECT * FROM ch07_saleco.vendor LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec
49	15:11:29	SELECT P_CODE, P_DESCRIPTOR, V_NAME, V_CONTACT, V_AREACODE, V_PHONE FROM PRODUCT INNER JOIN VENDOR ON PRODUCT.V...	3 row(s) returned	0.000 sec / 0.000 sec
50	15:13:26	SELECT P_CODE, P_DESCRIPTOR, V_NAME, V_CONTACT, V_AREACODE, V_PHONE FROM PRODUCT INNER JOIN VENDOR ON PRODUCT.V...	14 row(s) returned	0.000 sec / 0.000 sec
51	15:16:31	SELECT P_CODE, P_DESCRIPTOR, V_NAME, V_CONTACT, V_AREACODE, V_PHONE FROM PRODUCT left JOIN VENDOR ON PRODUCT.V_COD...	16 row(s) returned	0.000 sec / 0.000 sec



◀ ▶ | I? ⚡ I? | Jump to

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

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MySQL Workbench

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FileEditViewQueryDatabaseServerToolsScriptingHelp

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SQL File 3\*productvendor

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ch07\_saleco

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SQL File 3\*

product

vendor

Limit to 1000 rows

1

2

3

4

SELECT V\_NAME, V\_CONTACT, V\_AREACODE, V\_PHONE, P\_CODE, P\_DESCRIPT

FROM PRODUCT

right JOIN VENDOR

ON PRODUCT.V\_CODE = VENDOR.V\_CODE;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

V_NAME	V_CONTACT	V_AREACODE	V_PHONE	P_CODE	P_DESCRIPT
Bryson, Inc.	Smithson	615	223-3234	23109-HB	Claw hammer
Bryson, Inc.	Smithson	615	223-3234	SM-18277	1.25-in. metal screw, 25
SuperLoo, Inc.	Flushing	904	215-8995	NULL	NULL
D&E Supply	Singh	615	228-3245	SW-23116	2.5-in. wd. screw, 50
Gomez Bros.	Ortega	615	889-2546	13-Q2/P2	7.25-in. pwr. saw blade
Gomez Bros.	Ortega	615	889-2546	14-Q1/L3	9.00-in. pwr. saw blade
Gomez Bros.	Ortega	615	889-2546	54778-2T	Rat-tail file, 1/8-in. fine
Dome Supply	Smith	901	678-1419	NULL	NULL
Randssets Ltd.	Anderson	901	678-3998	1546-QQ2	Hrd. cloth, 1/4-in., 2x50
Randssets Ltd.	Anderson	901	678-3998	1558-QW1	Hrd. cloth, 1/2-in., 3x50
Brackman Bros.	Browning	615	228-1410	NULL	NULL
ORDVA, Inc.	Hakford	615	898-1234	2232/QTY	B&D jigsaw, 12-in. blade
ORDVA, Inc.	Hakford	615	898-1234	2232/QWE	B&D jigsaw, 8-in. blade
ORDVA, Inc.	Hakford	615	898-1234	89-WRE-Q	Hicut chain saw, 16 in.
B&K, Inc.	Smith	904	227-0093	NULL	NULL
Damal Supplies	Smythe	615	890-3529	NULL	NULL
Rubicon Syst...	Orton	904	456-0092	11QER/31	Power painter, 15 psi., 3-nozzle
Rubicon Syst...	Orton	904	456-0092	2238/QPD	B&D cordless drill, 1/2-in.
Rubicon Syst...	Orton	904	456-0092	WR3/TT3	Steel matting, 4'x8'x1/6", .5" mesh

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

Schema: ch07\_saleco

AdministrationSchemas

Information

Read OnlyContext HelpSnippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
48	15:08:11	SELECT * FROM ch07_saleco.vendor LIMIT 0, 1000	11 row(s) returned	0.000 sec / 0.000 sec
49	15:11:29	SELECT P_CODE, P_DESCRIPT, V_NAME, V_CONTACT, V_AREACODE, V_PHONE FROM PRODUCT INNER JOIN VENDOR ON PRODUCT.V_...	3 row(s) returned	0.000 sec / 0.000 sec
50	15:13:26	SELECT P_CODE, P_DESCRIPT, V_NAME, V_CONTACT, V_AREACODE, V_PHONE FROM PRODUCT INNER JOIN VENDOR ON PRODUCT.V_...	14 row(s) returned	0.000 sec / 0.000 sec
51	15:16:31	SELECT P_CODE, P_DESCRIPT, V_NAME, V_CONTACT, V_AREACODE, V_PHONE FROM PRODUCT left JOIN VENDOR ON PRODUCT.V_COD...	16 row(s) returned	0.000 sec / 0.000 sec
52	15:18:19	SELECT P_CODE, P_DESCRIPT, V_NAME, V_CONTACT, V_AREACODE, V_PHONE FROM PRODUCT right JOIN VENDOR ON PRODUCT.V_CO...	19 row(s) returned	0.000 sec / 0.000 sec
53	15:19:04	SELECT V_NAME, V_CONTACT, V_AREACODE, V_PHONE, P_CODE, P_DESCRIPT FROM PRODUCT right JOIN VENDOR ON PRODUCT.V_CO...	19 row(s) returned	0.000 sec / 0.000 sec

Object InfoSession

Query Completed

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WindowsTaskbar

MySQL Workbench

3:19 PM2024-11-01

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SQL File 3\*productinvoicecustomervendor

SCHEMAS

Filter objects

advanced\_foreign\_keys\_z\_wang

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1 • SELECT concat(cus\_fname, ' ', cus\_lname) as 'Customer Name', concat(cus\_areacode, '-', cus\_phone) as 'Customer Phone',

2 INVOICE.INV\_NUMBER AS 'Invoice',

3 CAST(INV\_DATE AS DATE) AS 'Date',

4 LINE\_NUMBER AS 'Item Number',

5 P\_DESCRIPT AS 'Product',

6 LINE\_UNITS AS 'Quantity',

7 LINE\_PRICE AS 'Price',

8 v\_name as 'Vendor'

9 FROM product

10 left join vendor

11 on vendor.v\_code = product.v\_code

12 INNER JOIN LINE

13 ON PRODUCT.P\_CODE = LINE.P\_CODE

14 INNER JOIN INVOICE

15 ON LINE.INV\_NUMBER = INVOICE.INV\_NUMBER

16 inner join customer

17 on invoice.cus\_code = customer.cus\_code;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	Customer Name	Customer Phone	Invoice	Date	Item Number	Product	Quantity	Price	Vendor
▶	Myron Orlando	615-222-1672	1001	2024-01-17	1	7.25-in. pwr. saw blade	1.00	14.99	Gomez Bros.
	Myron Orlando	615-222-1672	1001	2024-01-17	2	Claw hammer	1.00	9.95	Bryson, Inc.
	Leona Dunne	713-894-1238	1002	2024-01-17	1	Rat-tail file, 1/8-in. fine	2.00	4.99	Gomez Bros.
	Kathy Smith	615-894-2285	1003	2024-01-17	1	B&D cordless drill, 1/2-in.	1.00	38.95	Rubicon Systems
	Kathy Smith	615-894-2285	1003	2024-01-17	2	Hrd. cloth, 1/4-in., 2x50	1.00	39.95	Randsets Ltd.
	Kathy Smith	615-894-2285	1003	2024-01-17	3	7.25-in. pwr. saw blade	5.00	14.99	Gomez Bros.
	Leona Dunne	713-894-1238	1004	2024-01-17	1	Rat-tail file, 1/8-in. fine	3.00	4.99	Gomez Bros.
	Leona Dunne	713-894-1238	1004	2024-01-17	2	Claw hammer	2.00	9.95	Bryson, Inc.
	Anne Farriss	713-382-7185	1005	2024-01-17	1	PVC pipe, 3.5-in., 8-ft	12.00	5.87	NOTE
	Myron Orlando	615-222-1672	1006	2024-01-17	1	1.25-in. metal screw, 25	3.00	6.99	Bryson, Inc.
	Myron Orlando	615-222-1672	1006	2024-01-17	2	B&D jigsaw, 12-in. blade	1.00	109.92	ORDVA, Inc.
	Myron Orlando	615-222-1672	1006	2024-01-17	3	Claw hammer	1.00	9.95	Bryson, Inc.
	Myron Orlando	615-222-1672	1006	2024-01-17	4	Hicut chain saw, 16 in.	1.00	256.99	ORDVA, Inc.
	Amy O'Brian	713-442-3381	1007	2024-01-17	1	7.25-in. pwr. saw blade	2.00	14.99	Gomez Bros.
	Amy O'Brian	713-442-3381	1007	2024-01-17	2	Rat-tail file, 1/8-in. fine	1.00	4.99	Gomez Bros.
	Leona Dunne	713-894-1238	1008	2024-01-17	1	PVC pipe, 3.5-in., 8-ft	5.00	5.87	NOTE
	Leona Dunne	713-894-1238	1008	2024-01-17	2	Steel matting, 4'x8'x1/...	3.00	119.95	Rubicon Systems
	Leona Dunne	713-894-1238	1008	2024-01-17	3	Claw hammer	1.00	9.95	Bryson, Inc.

Result 9 x

Read OnlyContext HelpSnippets

SQL Additions

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

Object Info

Session

Query Completed

4:01 PM 2024-11-01

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

SQL File 3\*productinvoicecustomerline

Limit to 1000 rows

SCHEMAS

Filter objects

advanced\_foreign\_keys

ch07\_saleco

Tables

customer

emp

employee

invoice

line

product

vardate

vendor

Views

Stored Procedures

Functions

database\_inheritance\_z

intro\_to\_dml\_z\_wang

intro\_to\_sql\_z\_wang

primary\_and\_foreign\_k

recovery\_schema

sakila

simple\_address\_book

sys

test1\_zwang

test\_relationships\_z\_w

world

1SELECT concat(cus\_fname, ' ', cus\_lname) as 'Customer Name', concat(cus\_areacode, '-', cus\_phone) as 'Customer Phone',

2INVOICE.INV\_NUMBER AS 'Invoice',

3CAST(INV\_DATE AS DATE) AS 'Date',

4sum(line\_price \* line\_units) as 'invoice total'

5FROM invoice

6INNER JOIN LINE

7ON invoice.inv\_number = line.inv\_number

8INNER JOIN product

9ON line.p\_code = product.p\_code

10inner join customer

11on invoice.cus\_code = customer.cus\_code

12group by invoice.inv\_number;

13

Result Grid

Filter Rows:

Export:

Wrap Cell Contents:

	Customer Name	Customer Phone	Invoice	Date	invoice total
▶	Myron Orlando	615-222-1672	1001	2024-01-17	24.9400
	Leona Dunne	713-894-1238	1002	2024-01-17	9.9800
	Kathy Smith	615-894-2285	1003	2024-01-17	153.8500
	Leona Dunne	713-894-1238	1004	2024-01-17	34.8700
	Anne Farriss	713-382-7185	1005	2024-01-17	70.4400
	Myron Orlando	615-222-1672	1006	2024-01-17	397.8300
	Amy O'Brian	713-442-3381	1007	2024-01-17	34.9700
	Leona Dunne	713-894-1238	1008	2024-01-17	399.1500

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

AdministrationSchemas

Information

Schema: ch07\_saleco

Result 10

Read OnlyContext HelpSnippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
66	16:20:10	SELECT concat(cus_fname, ' ', cus_lname) as 'Customer Name', concat(cus_areacode, '-', cus_phone) as 'Customer Phone', INVOICE.INV_NUMBER AS 'I...	Error Code: 1052. Column 'inv_number' in group statement is ambiguous	0.000 sec
67	16:20:24	SELECT concat(cus_fname, ' ', cus_lname) as 'Customer Name', concat(cus_areacode, '-', cus_phone) as 'Customer Phone', INVOICE.INV_NUMBER AS 'I...	8 row(s) returned	0.000 sec / 0.000 sec

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

Object InfoSession

Query Completed

4:21 PM

2024-11-01

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SCHEMAS

Filter objects

advanced\_foreign\_keys

ch07\_saleco

Tables

customer

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product

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vendor

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Functions

intro\_to\_dml\_z\_wang

intro\_to\_sql\_z\_wang

primary\_and\_foreign\_k

recovery\_schema

sakila

simple\_address\_book

sys

test1\_zwang

test\_relationships\_z\_w

world

AdministrationSchemas

Information

Schema:ch07\_saleco

SQL File 3\*emp

Limit to 1000 rows

1select employee.emp\_fname as 'emp\_fname',

2employee.emp\_lname as 'emp\_lname',

3manager.emp\_fname as 'emp\_fname',

4manager.emp\_lname as 'emp\_lname'

5from emp as employee

6left join emp as manager

7on employee.EMP\_MGR = manager.EMP\_NUM;

8

SQLAdditions

Jump to

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

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

	emp_fname	emp_lname	emp_fname	emp_lname
▶	George	Kolmycz	NULL	NULL
	Rhonda	Lewis	George	Kolmycz
	Rhett	Vandam	George	Kolmycz
	Anne	Jones	George	Kolmycz
	John	Lange	Robert	Williams
	Robert	Williams	NULL	NULL
	Jeanine	Smith	Robert	Williams
	Jorge	Diante	Robert	Williams
	Paul	Wiesenbach	NULL	NULL
	George	Smith	Paul	Wiesenbach
	Leighla	Genkazi	Paul	Wiesenbach
	Rupert	Washington	Robert	Williams
	Edward	Johnson	George	Kolmycz
	Melanie	Smythe	Robert	Williams
	Marie	Brandon	Paul	Wiesenbach
	Hermine	Saranda	Robert	Williams
	George	Smith	Paul	Wiesenbach

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

Result 3

Read OnlyContext HelpSnippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	18:40:41	select employee.emp_fname as 'emp_fname', employee.emp_lname as 'emp_lname', manager.emp_fname as 'emp_fname', manager.emp_lname as 'emp_lname'	14 row(s) returned	0.000 sec / 0.000 sec
6	18:41:04	select employee.emp_fname as 'emp_fname', employee.emp_lname as 'emp_lname', manager.emp_fname as 'emp_fname', manager.emp_lname as 'emp_lname'	17 row(s) returned	0.000 sec / 0.000 sec

Object InfoSession

6:43 PM2024-11-07

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

Navigator

SQL File 3\* emp

SCHEMAS

Filter objects

advanced\_foreign\_keys

ch07\_saleco

Tables

customer

emp

employee

invoice

line

product

vardate

vendor

Views

Stored Procedures

Functions

database\_inheritance\_z

intro\_to\_dml\_z\_wang

intro\_to\_sql\_z\_wang

primary\_and\_foreign\_k

recovery\_schema

sakila

simple\_address\_book

sys

test1\_zwang

test\_relationships\_z\_we

world

1

2

3

4

5

6

7

8

Limit to 1000 rows

select manager.emp\_fname as 'emp\_fname',

manager.emp\_lname as 'emp\_lname',

count(\*) as 'Total Employees'

from emp as employee

left join emp as manager

on employee.EMP\_MGR = manager.EMP\_NUM

group by employee.EMP\_MGR;

SQL Additions

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

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

emp_fname	emp_lname	Total Employees
NULL	NULL	3
George	Kolmycz	4
Paul	Wiesenbach	4
Robert	Williams	6

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

Result 1

Read Only

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	19:04:01	select manager.emp_fname as 'emp_fname', manager.emp_lname as 'emp_lname', count(*) as 'Total Employees' from emp as employee left join emp as mana...	4 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

Windows

MySQL Workbench

7:04 PM

2024-11-07