

53

SELECT sex, COUNT(\*) FROM studentinfo GROUP BY sex;

Result Grid

Filter Rows

Export

Wrap Cell Contents

sex	COUNT(*)
MALE	3
FEMALE	2

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

Result 12

Read Only

Context Help

Snippets

Action Output

#	Time	Action	Message	Duration / Fetch
20	18:53:03	SELECT REPLACE(citizenship, 'Riksm', 'Priv') FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
21	18:53:50	SELECT concat(studentNumber, '-', firstName, ' ', middleName, ' ', lastName) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
22	18:54:10	SELECT REPEAT(lastName, 5) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
23	18:54:31	SELECT AVG(age) FROM studentinfo LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
24	18:55:00	SELECT DATE_FORMAT(birthday, '%M %d, %Y') FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
25	18:55:17	SELECT sex, COUNT(*) FROM studentinfo GROUP BY sex LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

LAB2 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Navigation Filter objects

Schemas

Filter objects

sys

Query 1

Limit to 1000 rows

```
7 lastName VARCHAR(100) NOT NULL;
8 middleName VARCHAR(100),
9 birthdate VARCHAR(20),
10 citizenship VARCHAR(50) COMMENT "Example: Filipino, Nigerian, Korean",
11 gender VARCHAR(100) COMMENT "Male or Female";
12
13 SHOW FULL COLUMNS FROM tblStudent;
```

Result Grid

Field	Type	Collation	Null	Key	Default	Extra	Privileges	Comment
studentNumber	int	utf8mb4	NO	PK		auto_increment	select,insert,update,references	
firstName	varchar(100)	utf8mb4_unicode_ci	YES				select,insert,update,references	
lastName	varchar(100)	utf8mb4_unicode_ci	NO				select,insert,update,references	
middleName	varchar(100)	utf8mb4_unicode_ci	YES				select,insert,update,references	
birthdate	varchar(20)	utf8mb4_unicode_ci	YES				select,insert,update,references	
citizenship	varchar(50)	utf8mb4_unicode_ci	YES				select,insert,update,references	Example: Filipino, Nigerian, Korean
gender	varchar(100)	utf8mb4_unicode_ci	YES				select,insert,update,references	Male or Female

SQL Additions

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

Administration Schemas

Information

no object selected

Result 2

Output

Admin Output

#	Time	Action	Message	Duration / Fetch
2	18:22:59	CREATE DATABASE lab2_db USE lab2_db	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near...	0.000 sec
3	18:23:21	CREATE DATABASE lab2_db	Error Code: 1007. Can't create database 'lab2_db'; database exists	0.000 sec
4	18:23:24	USE lab2_db	0 row(s) affected	0.000 sec
5	18:28:05	CREATE TABLE tblStudent(studentNumber INT(11) auto_increment PRIMARY KEY, firstName VARCHAR(100), lastName VARCHAR(100) NOT NULL, middleName VARCHAR(100), birthdate VARCHAR(20), citizenship VARCHAR(50) COMMENT 'Example: Filipino, Nigerian, Korean', gender VARCHAR(100) COMMENT 'Male or Female');	0 row(s) affected, 1 warning(s): 1581 Integer display width is deprecated and will be removed in a future release.	0.015 sec
6	18:31:03	SHOW FULL COLUMNS FROM tblStudent	7 row(s) returned	0.000 sec / 0.000 sec
7	18:31:57	SHOW FULL COLUMNS FROM tblStudent	7 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

MySQL Workbench

LAB2 - Vlaming - not support... x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

Query1

Limit to 1000 rows

23 \* SELECT \* FROM tblStudent;

24

25 \* ALTER TABLE tblStudent CHANGE gender sex VARCHAR(6);

26 \* ALTER TABLE tblStudent CHANGE birthdate birthdate DATE;

27 \* ALTER TABLE tblStudent CHANGE citizenship citizenship VARCHAR(20);

28

29 \* ALTER TABLE tblStudent ADD age INT(3) AFTER birthdate;

Result Grid

studentNumber	firstName	lastName	middleName	birthdate	age	citizenship	sex
202014912	STEVEN	ESPEDIDO	ROSALDO	0000-00-00	0000	FILIPINO	MALE
202014155	NINA KJARISSE	OLANGKAYA	AMBROSIO	2000-01-02	0000	FILIPINO	FEMALE
202011555	ADRIAN	CARRANZA	RUBIA	2000-01-03	0000	FILIPINO	MALE
202011818	JEAN	DACLES	ROCO	2000-01-04	0000	FILIPINO	FEMALE
202012336	GILLIAN KYLE	CATAHAN	OSMAALA	2000-01-05	0000	FILIPINO	MALE

tbStudent 4 x

Apply Revert Context Help Shippeds

Output

#	Time	Action	Message	Duration / Fetch
9	18:39:13	SELECT * FROM tblStudent LIMIT 0, 1000	Rows(s) returned	0.000 sec / 0.000 sec
10	18:42:57	ALTER TABLE tblStudent CHANGE gender sex VARCHAR(6)	Rows(s) affected: Records: 5 Duplicates: 0 Warnings: 0	0.031 sec
11	18:42:57	ALTER TABLE tblStudent CHANGE birthdate birthdate DATE	Rows(s) affected: 1 warning(s): 1265 Data truncated for column 'birthdate' at row 1 Records: 5 Duplicates: 0 Warnings: 1	0.016 sec
12	18:42:57	ALTER TABLE tblStudent CHANGE citizenship citizenship VARCHAR(20)	Rows(s) affected: Records: 5 Duplicates: 0 Warnings: 0	0.010 sec
13	18:42:57	ALTER TABLE tblStudent ADD age INT(3) AFTER birthdate	Rows(s) affected: 1 warning(s): 1501 Integer display width is deprecated and will be removed in a future release. Records: 5 Duplicates: 0 Warnings: 1	0.015 sec
14	18:43:05	SELECT * FROM tblStudent LIMIT 0, 1000	Rows(s) returned	0.000 sec / 0.000 sec

Object Info Session

EQLEditions

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

MySQL Workbench

LAB2 - Warning - not supported...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

Query 1

```
1 CREATE DATABASE lab2_db;
2 USE lab2_db;
3
4 CREATE TABLE tblStudent(
5     studentNumber INT(11) auto_increment PRIMARY KEY,
6     firstName VARCHAR(100),
7     lastName VARCHAR(100) NOT NULL,
8     middleName VARCHAR(100),
9     birthdate VARCHAR(20),
10    citizenship VARCHAR(50) COMMENT "Example: Filipino, Nigerian, Korean",
11    gender VARCHAR(100) COMMENT "Male or Female");
12
```

SQLAdditions

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

Administration Schemas

Information

No object selected

Context Help Snippets

Output

Action	Time	Message	Duration / Fetch
✓	18:22:46	CREATE DATABASE lab2_db 1 row(s) affected	0.000 sec
✗	18:22:59	CREATE DATABASE lab2_db USE lab2_db Error Code: 1054 'You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '...'	0.000 sec
✓	18:23:21	CREATE DATABASE lab2_db Error Code: 1007 'Can't create database 'lab2_db': database exists	0.000 sec
✓	18:23:24	USE lab2_db 0 row(s) affected	0.000 sec
⚠	18:28:05	CREATE TABLE tblStudent(studentNumber INT(11) auto_increment PRIMARY KEY, firstName VARCHAR(100), lastName VARCHAR(100) NOT NU... 0 row(s) affected, 1 warning(s): 1681 Integer display width is deprecated and will be removed in a future release.	0.015 sec

Object Info Session

MySQL Workbench

LAB2 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

Query 1

VALUES(202014912, 'STEVEN', 'ESPEDIDO', 'ROSALDO', '2000-01-01', 'FILIPINO', 'MALE'),  
(202014165, 'NINA KLARISSE', 'ULANGKAYA', 'AMROSOJO', '2000-01-02', 'FILIPINO', 'FEMALE'),  
(202011535, 'ADRIAN', 'CARBANZA', 'RUBIA', '2000-01-03', 'FILIPINO', 'MALE'),  
(202011618, 'JUAN', 'DACLES', 'RICO', '2000-01-04', 'FILIPINO', 'FEMALE'),  
(202012336, 'GILLIAN KYLE', 'CATAHAN', 'DIMALA', '2000-01-05', 'FILIPINO', 'MALE');

SELECT \* FROM tblStudent;

Result Grid

studentNumber	firstName	lastName	middleName	birthdate	citizenship	gender
202014912	STEVEN	ESPEDIDO	ROSALDO	1598	FILIPINO	MALE
202014165	NINA KLARISSE	ULANGKAYA	AMROSOJO	2000-01-02	FILIPINO	FEMALE
202011535	ADRIAN	CARBANZA	RUBIA	2000-01-03	FILIPINO	MALE
202011618	JUAN	DACLES	RICO	2000-01-04	FILIPINO	FEMALE
202012336	GILLIAN KYLE	CATAHAN	DIMALA	2000-01-05	FILIPINO	MALE

tblStudent3

Apply Run Context Help Snippets

Output

Action Output

Time	Action	Message	Duration / Fetch
4 18:23:24	USE lab2_db	0 row(s) affected	0.000 sec
5 18:28:05	CREATE TABLE tblStudent(studentNumber INT(11) auto_increment PRIMARY KEY, firstName VARCHAR(100), lastName VARCHAR(100) NOT NULL, middleName VARCHAR(100) NOT NULL, birthdate DATE, citizenship VARCHAR(50), gender VARCHAR(10))	0 row(s) affected, 1 warning(s): 1601 Integer display width is deprecated and will be removed in a future release.	0.015 sec
6 18:31:03	SHOW FULL COLUMNS FROM tblStudent	7 row(s) returned	0.000 sec / 0.000 sec
7 18:31:57	SHOW FULL COLUMNS FROM tblStudent	7 row(s) returned	0.000 sec / 0.000 sec
8 18:38:54	INSERT INTO tblStudent(studentNumber, firstName, lastName, middleName, birthdate, citizenship, gender) VALUES(202014912, 'STEVEN', 'ESPEDIDO', 'ROSALDO', '2000-01-01', 'FILIPINO', 'MALE')	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.000 sec
9 18:39:13	SELECT * FROM tblStudent LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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

MySQL Workbench

LAB2 - Warning - not support...

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

Query 1

Limit to 1000 rows

```
-- Insert/add into table
32 ALTER TABLE tblStudent ADD age INT(3) AFTER birthdate;
33
34
-- renaming table
35 ALTER TABLE tblStudent RENAME studentinfo;
36
37
38 SELECT * FROM studentinfo;
```

Result Grid

studentNumber	firstName	lastName	middleName	birthdate	age	citizenship	sex
202014912	STEVEN	ESPEDEDO	ROBALDO	0000-00-00	0000	FILIPPINO	MALE
202014165	NINA KLARISSE	ULANGGAYA	AMEROSIO	2000-01-02	0038	FILIPPINO	FEMALE
202011535	ADRIAN	CARRANZA	RUBIA	2000-01-03	0038	FILIPPINO	MALE
202018188	JEAN	DACLES	RICO	2000-01-04	0038	FILIPPINO	FEMALE
202012336	GILLIAN KYLE	CATAHAN	ODMAALA	2000-01-05	0038	FILIPPINO	MALE
0000	0000	0000	0000	0000	0038	0000	0000

Administration Schemas

Information

No object selected

studentinfo 5 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
13	18:42:57	ALTER TABLE tblStudent ADD age INT(3) AFTER birthdate	5 row(s) affected, 1 warning(s) 1681 Integer display width is deprecated and will be removed in a future release. Records: 5 Duplicates: 0 Warnings: 1	0.015 sec.
14	18:43:05	SELECT * FROM tblStudent LIMIT 0, 1000	5 row(s) returned	0.000 sec. / 0.000 sec.
15	18:45:42	ALTER TABLE tblStudent RENAME studentinfo	0 row(s) affected	0.016 sec.
16	18:45:48	OW FULL COLUMNS FROM tblStudent	Error Code: 1054. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near...	0.000 sec.
17	18:45:55	SHOW FULL COLUMNS FROM tblStudent	Error Code: 1146. Table 'tbl2_db.tblstudent' doesn't exist	0.000 sec.
18	18:47:18	SELECT * FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec. / 0.000 sec.

Object Info Session

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

Form Editor

Field Types

Query Status

Execution Plan

Apply Revert Context Help Snippets

MySQL Workbench

LAB2 - Warning - not supported

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

Query 1

Limit to 1000 rows

```
34 -- renaming table
35
36 ALTER TABLE tb1Student RENAME studentinfo;
37
38 SELECT * FROM studentinfo;
39
40 SELECT UPPER(firstname), UPPER(middleName), UPPER(lastName) FROM studentinfo;
```

Result Grid

UPPER(firstName)	UPPER(middleName)	UPPER(lastName)
STEVEN	ROSALDO	ESPEDEDO
MINA KLAIRISE	AMEROSIO	ULANGGAYA
ACRIAN	REBIA	CARRANZA
JUAN	RODO	DACLES
GILLIAN KYLE	DIAMALA	CATAHAN

Administration Schemas

Information

No object selected

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

Page Editor

Field Types

Query Status

Execution Plan

Read Only

Context Help

Snippets

MySQL Workbench

LAB2 - Warning - not supported - x

File Edit View Query Database Server Tools Scripting Help

Navigation

SCHEMAS

Filter objects

sys

Query 1

```
36 ALTER TABLE tblStudent RENAME studentInfo;
37
38 SELECT * FROM studentInfo;
39
40 SELECT UPPER(firstName), UPPER(middleName), UPPER(lastName) FROM studentInfo;
41
42 SELECT REPLACE (citizenship, 'Filipino', 'Pinoy') FROM studentInfo;
```

Result Grid

Filter Rows

Export

View Col Content

REPLACE (citizenship, 'Filipino', 'Pinoy')

FILIPINO

FILIPINO

FILIPINO

FILIPINO

FILIPINO

Administration Schemas

Information

No object selected

Output

Action Output

Time	Action	Message	Duration / Fetch
15 18:45:42	ALTER TABLE tblStudent RENAME studentInfo	0 row(s) affected	0.016 sec
16 18:45:48	OW FULL COLUMNS FROM tblStudent	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use ne...	0.000 sec
17 18:45:55	SHOW FULL COLUMNS FROM tblStudent	Error Code: 1146. Table 'lab2_db.tblStudent' doesn't exist	0.000 sec
18 18:47:18	SELECT * FROM studentInfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
19 18:52:40	SELECT UPPER(firstName), UPPER(middleName), UPPER(lastName) FROM studentInfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
20 18:53:03	SELECT REPLACE (citizenship, 'Filipino', 'Pinoy') FROM studentInfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQL Additions

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

Read Only

Context Help

Snippets



43

44

45

SELECT concat(studentNumber, '-', firstName, ' ', middleName, ' ', lastName) FROM studentinfo;

Result Grid

Filter Rows

Export

Wrap Cell Contents

concat(studentNumber, '-', firstName, ' ', middleName, ' ', lastName)

202014912 - STEVEN ROSALDO ESPEDIDO

202014165 - NINA KLARISSE AMBROSIO ULAN...

202011535 - ADRIAN RUBIA CARRANZA

202011818 - JEAN RICO DACLES

202012336 - GILLIAN KYLE DIMAALA CATAHAN

Result Grid

Form Editor

Field Types

Query Snaps

Execution Plan

Output					Read Only	Context Help	Snippets
Action Output							
#	Time	Action	Message	Duration / Fetch			
16	18:45:48	OW FULL COLUMNS FROM tblStudent	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use ne...	0.000 sec			
17	18:45:55	SHOW FULL COLUMNS FROM tblStudent	Error Code: 1146. Table 'db2_db.tblstudent' doesn't exist	0.000 sec			
18	18:47:18	SELECT * FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec			
19	18:52:40	SELECT UPPER(firstName), UPPER(middleName), UPPER(lastName) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec			
20	18:53:03	SELECT REPLACE(citizenship, 'Filipino', 'Pinoy') FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec			
21	18:53:50	SELECT concat(studentNumber, '-', firstName, ' ', middleName, ' ', lastName) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec			



47

48

49

SELECT AVG(age) FROM studentinfo;

Result Grid

Filter Rows:

Exports

Wrap Cell Contents

AVG(age)

0.000

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

Read Only

Contact Help

Shippeta

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 18	18:47:18	SELECT * FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 19	18:52:40	SELECT UPPER(firstName), UPPER(middleName), UPPER.lastName) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 20	18:53:03	SELECT REPLACE(citizenship, 'Filipino', 'Pinoy') FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 21	18:53:50	SELECT concat(studentNumber, '-', firstName, ', ', middleName, ', ', lastName) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 22	18:54:10	SELECT REPEAT(lastName, 5) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 23	18:54:31	SELECT AVG(age) FROM studentinfo LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

```
52 SELECT DATE_FORMAT(birthdate, '%M %d, %Y') FROM studentinfo;
```

Result Grid

DATE\_FORMAT(birthdate, '%M %d, %Y')

January 02, 2000
January 03, 2000
January 04, 2000
January 05, 2000

Result 11 x

Read Only

Context Help

Snippets

Output

#	Time	Action	Message	Duration / Fetch
19	18:52:40	SELECT UPPER(firstName), UPPER(middleName), UPPER(lastName) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
20	18:53:03	SELECT REPLACE(citizenship, 'Filipino', 'Pinoy') FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
21	18:53:50	SELECT concat(studentNumber, '-', firstName, ' ', middleName, ' ', lastName) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
22	18:54:10	SELECT REPEAT(lastName, 5) FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
23	18:54:31	SELECT AVG(age) FROM studentinfo LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
24	18:55:00	SELECT DATE_FORMAT(birthdate, '%M %d, %Y') FROM studentinfo LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec