

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7*

| | | | | Limit to 1000 rows

1 • SELECT first_name, last_name FROM sakila.actor;

Result Grid | Filter Rows: Export: Wrap Cell C

	first_name	last_name
	PENELOPE	GUINNESS
	NICK	WAHLBERG
	ED	CHASE
	JENNIFER	DAVIS
	JOHNNY	LOLLOBRIGIDA
	BETTE	NICHOLSON
	GRACE	MOSTEL
	MATTHEW	JOHANSSON
	JOE	SWANK
	CHRISTIAN	GABLE
	ZERO	CAGE
	KARL	BERRY
	UMA	WOOD
	VIVIEN	BERGEN
	CUBA	OLIVIER
	FRED	COSTNER
	HELEN	VOIGHT
	DAN	TORN
	BOB	FAWCETT
	LUCILLE	TRACY
	KIRSTEN	PALTROW
	ELVIS	MARX
	SANDRA	KILMER

actor 2 ×

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamSchema* su

1
2 • SELECT CONCAT(first_name, " ", last_name, " ") AS Actor_name
3 FROM actor;

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Actor_name
PENELOPE GUINNESS
NICK WAHLBERG
ED CHASE
JENNIFER DAVIS
JOHNNY LOLLOBRIGIDA
BETTE NICHOLSON
GRACE MOSTEL
MATTHEW JOHANSSON
JOE SWANK
CHRISTIAN GABLE
ZERO CAGE
KARL BERRY
UMA WOOD
VIVIEN BERGEN
CUBA OLIVIER
FRED COSTNER
HELEN VOIGHT
DAN TORN

Result 5 ×

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamSchema* surfers x Unsolved

1 • SELECT actor_id, first_name, last_name FROM sakila.actor WHERE first_name LIKE "Joe";

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

actor_id	first_name	last_name
9	JOE	SWANK
NULL	NULL	NULL

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamSchema*

Limit to 1000 rows

1 • SELECT * FROM sakila.actor WHERE last_name LIKE "%GEN%";

Result Grid | Filter Rows: | Edit: | Export/Import:

	actor_id	first_name	last_name	last_update
	14	VIVIEN	BERGEN	2006-02-15 04:34:33
	41	JODIE	DEGENERES	2006-02-15 04:34:33
	107	GINA	DEGENERES	2006-02-15 04:34:33
	166	NICK	DEGENERES	2006-02-15 04:34:33
	NULL	NULL	NULL	NULL

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamS

Limit to 1000 rows

```
1 •   SELECT * FROM sakila.actor WHERE last_name LIKE "%LI%"  
2   ORDER BY last_name;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

	actor_id	first_name	last_name	last_update
	86	GREG	CHAPLIN	2006-02-15 04:34:33
	82	WOODY	JOLIE	2006-02-15 04:34:33
	15	CUBA	OLIVIER	2006-02-15 04:34:33
	34	AUDREY	OLIVIER	2006-02-15 04:34:33
	72	SEAN	WILLIAMS	2006-02-15 04:34:33
	137	MORGAN	WILLIAMS	2006-02-15 04:34:33
	172	GROUCHO	WILLIAMS	2006-02-15 04:34:33
	83	BEN	WILLIS	2006-02-15 04:34:33
	96	GENE	WILLIS	2006-02-15 04:34:33
	164	HUMPHREY	WILLIS	2006-02-15 04:34:33
	NULL	NULL	NULL	NULL

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamSchema* surfers x Unsolved SQL File 10*

1 • `SELECT country_id, country FROM sakila.country WHERE country IN ("Afghanistan", "Bangladesh", "China");`

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

country_id	country
1	Afghanistan
12	Bangladesh
23	China
NULL	NULL

The screenshot shows a database management application window. The left pane, titled "Navigator", contains a tree view of database objects under "SCHEMAS". The "Tables" node is expanded, showing the "actor" table. The "Columns" node under "actor" is also expanded, listing columns: actor_id, first_name, middle_name, last_name, and last_update. The right pane, titled "SQL File 5*", displays the following SQL code:

```
1 • ALTER TABLE actor
2 ADD COLUMN middle_name VARCHAR(30) AFTER first_name;
3
```

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SQL SQL Database Object Browser Scripts Reports

Navigator

SCHEMAS

Filter objects

Tables

actor

Columns

actor_id first_name middle_name last_name last_update

Indexes

Foreign Keys

Management Schemas

Information

Column: **last_name**

Definition: last_name tinyblob

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamSchema* surfers

ALTER TABLE actor
MODIFY last_name BLOB(45);

Output

Action Output

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

Navigator

Schemas

Filter objects

Tables

actor

Columns

- ◆ actor_id
- ◆ first_name
- ◆ last_name
- ◆ last_update

Indexes

Foreign Keys

Triggers

Management Schemas

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7*

ALTER TABLE actor
DROP middle_name;

1 2 3 4

This screenshot shows a database management interface. The left side features a 'Navigator' pane with a tree view of schemas, tables, columns, indexes, foreign keys, and triggers. The 'Tables' node for the 'actor' table is expanded, showing columns like actor_id, first_name, last_name, and last_update. The right side is a 'SQL Editor' pane containing a single line of SQL code: 'ALTER TABLE actor DROP middle_name;'. The code is numbered 1 through 4, with the first line highlighted by a blue dot. The top bar includes tabs for multiple SQL files and a 'Limit to 1000 rows' option.

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamSchema* surfers x Unsolved SQL File 10*

ALTER TABLE actor
MODIFY last_name VARCHAR(45);
SELECT last_name, COUNT(*) FROM actor GROUP BY last_name;

Result Grid | Filter Rows: Export: Wrap Cell Content:

last_name	COUNT(*)
AKROYD	3
ALLEN	3
ASTAIRE	1
BACALL	1
BAILEY	2
BALE	1
BALL	1
BARRYMORE	1
BASINGER	1
BENING	2
BERGEN	1
BERGMAN	1
BERRY	3
BIRCH	1
BLOOM	1
BOLGER	2
BRIDGES	1
BRODY	2

SQL File 5* SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamSchema* **surfers** × Unsolved*

1 • SELECT last_name, COUNT(*) count FROM actor GROUP BY last_name Having COUNT(*) > 2;
2
3

Result Grid | Filter Rows: Export: Wrap Cell Content:

last_name	count
AKROYD	3
ALLEN	3
BERRY	3
DAVIS	3
DEGENERES	3
GARLAND	3
GUINNESS	3
HARRIS	3
HOFFMAN	3
HOPKINS	3
JOHANSSON	3

SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamSchema* surfers × Un

The screenshot shows a MySQL Workbench interface. The title bar displays multiple open files: SQL File 6*, SQL File 8*, SQL File 9*, SQL File 7*, IceCreamSchema*, and a selected tab named 'surfers'. Below the title bar is a toolbar with various icons for file operations, search, and navigation. The main area is a query editor containing the following SQL code:

```
1 • UPDATE actor
2   SET first_name = 'Harpo'
3 WHERE first_name = 'Groucho' AND last_name = 'Williams';
4
```

SQL File 6* SQL File 8* SQL File 9* SQL File 7* IceCreamSchema* surfers x Unsolved* SQL File 10*

Limit to 1000 rows

```
1 • UPDATE actor
2   SET first_name = 'Groucho'
3 WHERE first_name = 'Harpo' AND last_name = 'Williams';
4
```

1 • DESCRIBE sakila.address;

Result Grid | Filter Rows: Export: Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
address id	smallint(5) unsianed	NO	PRI	NULL	auto increment
address	varchar(50)	NO		NULL	
address2	varchar(50)	YES		NULL	
district	varchar(20)	NO		NULL	
city id	smallint(5) unsianed	NO	MUL	NULL	
postal code	varchar(10)	YES		NULL	
phone	varchar(20)	NO		NULL	
location	geometry	NO	MUL	NULL	
last update	timestamp			CURRENT TIMESTAMP	on update CURRENT TIMES

```
1 •  SELECT first_name, last_name FROM staff LEFT JOIN address  
2           ON staff.address_id = address.address_id;  
3
```

first_name	last_name
Mike	Hillver
Jon	Stephens

```
1 •  SELECT amount FROM payment LEFT JOIN staff  
2      ON payment.staff_id = staff.staff_id;  
3  
4
```

amount
2.99
0.99
5.99
0.99
9.99
4.99
4.99
0.99
3.99
5.99
5.99
4.99
4.99
7.99
2.99

```
1 •  SELECT COUNT(inventory.film_id) as x
2   FROM inventory
3   WHERE inventory.film_id IN
4   (
5     SELECT film_id FROM film
6     WHERE title LIKE "Hunchback Impossible");
```

Result Grid

Filter Rows:

Export:



Wrap Cell Content:



x
6

```
1 -- 7a. The music of Queen and Kris Kristofferson have seen an unlikely resurgence in the 21st century
2 • SELECT title FROM film WHERE title LIKE "K%" OR title LIKE "Q%";
3
```

title
KANE EXORCIST
KARATE MOON
KENTUCKIAN GIANT
KICK SAVANNAH
KILL BROTHERHOOD
KILLER INNOCENT
KING EVOLUTION
KISS GLORY
KISSING DOLLS
KNOCK WARLOCK
KRAMER CHOCOLATE
KWAI HOMeward
QUEEN LUKE
QUEST MUSSOLINI
OUILLS BULL

```
1 -- 7b. Use subqueries to display all actors who appear in the film `Alone Trip`.
2 •
3     first_name, last_name
4 FROM
5     actor
6 WHERE
7     actor_id
8 IN
9     (SELECT actor_id FROM film_actor WHERE film_id IN (SELECT film_id FROM film WHERE title LIKE "Alone Trip")));
10
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	first_name	last_name
1	ED	CHASE
2	KARL	BERRY
3	UMA	WOOD
4	WOODY	JOLIE
5	SPENCER	DEPP
6	CHRIS	DEPP
7	LAURENCE	BULLOCK
8	RENEE	BALL

```
1 -- 7c. You want to run an email marketing campaign in Canada, for which you will need the names and email addresses
2 •
3     first_name, last_name, email
4 FROM
5     customer
6 WHERE
7     address_id
8 IN
9     (SELECT address_id from address WHERE city_id IN
10        (SELECT city_id FROM city WHERE country_id IN
11            (SELECT country_id FROM country WHERE country LIKE "Canada"
12        )
13    )
14 );
15
```

Result Grid			
	first_name	last_name	email
	DERRICK	BOUROUE	DERRICK.BOUROU@sakilacustomer.ora
	DARRELL	POWER	DARRELL.POWER@sakilacustomer.ora
	LORETTA	CARPENTER	LORETTA.CARPENTER@sakilacustomer.ora
	CURTIS	IRBY	CURTIS.IRBY@sakilacustomer.ora
	TROY	OUGLEY	TROY.OUGLEY@sakilacustomer.ora