

```

mysql (mysql)                                     *1                               mysql (mysql)                                     *2
+-----+-----+-----+-----+-----+-----+-----+
| address_id | address           | address2 | district | city_id | postal_code | phone      | last_update |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | 47 MySakila Drive       | NULL    | Alberta   | 300    |             |            | 2020-07-30 18:07:51 |
| 2 | 28 MySQL Boulevard      | NULL    | QLD       | 576    |             |            | 2020-07-30 18:07:51 |
| 3 | 23 Workhaven Lane       | NULL    | Alberta   | 300    | 14033335568 | 2020-07-30 18:07:51 |
| 4 | 1411 Lillydale Drive    | NULL    | QLD       | 576    | 6172235589  | 2020-07-30 18:07:51 |
| 5 | 1913 Hanoi Way          | Nagasaki | California | 463    | 35200     | 28303384290 | 2020-07-30 18:07:51 |
| 6 | 1121 Loja Avenue         | California | Attika    | 449    | 17886     | 838635286649 | 2020-07-30 18:07:51 |
| 7 | 692 Joliet Street        | Attika   | Mandalay  | 38     | 83579     | 448477190408 | 2020-07-30 18:07:51 |
| 8 | 1566 Inegl Manor        | Mandalay | Nantou   | 349    | 53561     | 705814003527 | 2020-07-30 18:07:51 |
| 9 | 53 Idfu Parkway          | Nantou   | Texas     | 361    | 42399     | 10655648674  | 2020-07-30 18:07:51 |
| 10 | 1795 Santiago de Compostela Way | Texas   | 295    | 18743     | 860452626434 | 2020-07-30 18:07:51 |
+-----+-----+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

```



SourangshuPal

```

mysql> select * from actors limit 10;
ERROR 1146 (42S02): Table 'lco_films.actors' doesn't exist
mysql> select * from actor limit 10;

```

```

+-----+-----+-----+-----+-----+
| actor_id | first_name | last_name | address_id | last_update |
+-----+-----+-----+-----+-----+
| 1 | PENELOPE | GUINNESS | 1 | 2020-07-30 18:07:51 |
| 2 | NICK | WAHLBERG | 4 | 2020-07-30 18:07:51 |
| 3 | ED | CHASE | 2 | 2020-07-30 18:07:51 |
| 4 | JENNIFER | DAVIS | 3 | 2020-07-30 18:07:51 |
| 5 | JOHNNY | LOLLOBRIGIDA | 5 | 2020-07-30 18:07:51 |
| 6 | BETTE | NICHOLSON | 7 | 2020-07-30 18:07:51 |
| 7 | GRACE | MOSTEL | 6 | 2020-07-30 18:07:51 |
| 8 | MATTHEW | JOHANSSON | 8 | 2020-07-30 18:07:51 |
| 9 | JOE | SWANK | 10 | 2020-07-30 18:07:51 |
| 10 | CHRISTIAN | GABLE | 9 | 2020-07-30 18:07:51 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)

```

```

mysql>

```

```
| Actors
+-----+
1 row in set (0.01 sec)

mysql> select * from actors;
+-----+-----+-----+-----+
| Firstname | Lastname | Gender | Networth |
+-----+-----+-----+-----+
| Johnny    | Depp      | Male   |     200 |
| Chris     | Hemsworth | Male   |     400 |
| Scarlett  | Johnson   | Female |     500 |
| Chris     | Evans     | Male   |     700 |
| Paul      | Rudd      | Male   |     150 |
| Brie      | Larson   | Female |     650 |
| Chadwick  | Boseman   | Male   |     500 |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)

mysql> delete from actors where Firstname = "Johnny";
Query OK, 1 row affected (0.01 sec)

mysql> select * from actors;
+-----+-----+-----+-----+
| Firstname | Lastname | Gender | Networth |
+-----+-----+-----+-----+
| Chris     | Hemsworth | Male   |     400 |
| Scarlett  | Johnson   | Female |     500 |
| Chris     | Evans     | Male   |     700 |
| Paul      | Rudd      | Male   |     150 |
| Brie      | Larson   | Female |     650 |
| Chadwick  | Boseman   | Male   |     500 |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> []
```



```
mysql> delete from actors where Firstname = "Johnny";
Query OK, 1 row affected (0.01 sec)

mysql> select * from actors;
+-----+-----+-----+-----+
| Firstname | Lastname | Gender | Networth |
+-----+-----+-----+-----+
| Chris     | Hemsworth | Male   |    400 |
| Scarlett | Johnson  | Female |    500 |
| Chris     | Evans    | Male   |    700 |
| Paul      | Rudd     | Male   |    150 |
| Brie      | Larson   | Female |    650 |
| Chadwick  | Boseman  | Male   |    500 |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> update actors set networth = 750 where firstname = "Chris" and lastname = "Hemsworth";
Query OK, 1 row affected (0.00 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from actors;
+-----+-----+-----+-----+
| Firstname | Lastname | Gender | Networth |
+-----+-----+-----+-----+
| Chris     | Hemsworth | Male   |    750 |
| Scarlett | Johnson  | Female |    500 |
| Chris     | Evans    | Male   |    700 |
| Paul      | Rudd     | Male   |    150 |
| Brie      | Larson   | Female |    650 |
| Chadwick  | Boseman  | Male   |    500 |
+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> []
```





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```
mysql> use lco_films;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> show tables;
+-----+
| Tables_in_lco_films |
+-----+
| actor           |
| address         |
| category        |
| city            |
| country          |
| film            |
| film_actor      |
| film_category   |
| language         |
+-----+
9 rows in set (0.00 sec)

mysql> desc actors;
ERROR 1146 (42S02): Table 'lco_films.actors' doesn't exist
mysql> desc actor;
+-----+-----+-----+-----+-----+-----+
| Field    | Type     | Null | Key | Default   | Extra       |
+-----+-----+-----+-----+-----+-----+
| actor_id | smallint unsigned | NO  | PRI | NULL      | auto_increment
| first_name | varchar(45)    | NO  |     | NULL      | |
| last_name  | varchar(45)    | NO  | MUL | NULL      |
| address_id | smallint unsigned | NO  | MUL | NULL      |
| last_update | timestamp      | NO  |     | CURRENT_TIMESTAMP | DEFAULT_GENERATED on update CURRENT_TIMESTAMP |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> []
```

```
mysql (mysql)
+----+----+----+----+
| 9 | JOE | SWANK |      |
| 10 | CHRISTIAN | GABLE |      |
+----+----+----+----+
10 rows in set (0.00 sec)
```

```
mysql> select * from actor limit 20;
+----+----+----+----+
| actor_id | first_name | last_name | address_id | last_update |
+----+----+----+----+
| 1 | PENELOPE | GUINNESS | 1 | 2020-07-30 18:07:51 |
| 2 | NICK | WAHLBERG | 4 | 2020-07-30 18:07:51 |
| 3 | ED | CHASE | 2 | 2020-07-30 18:07:51 |
| 4 | JENNIFER | DAVIS | 3 | 2020-07-30 18:07:51 |
| 5 | JOHNNY | LOLLOBRIGIDA | 5 | 2020-07-30 18:07:51 |
| 6 | BETTE | NICHOLSON | 7 | 2020-07-30 18:07:51 |
| 7 | GRACE | MOSTEL | 6 | 2020-07-30 18:07:51 |
| 8 | MATTHEW | JOHANSSON | 8 | 2020-07-30 18:07:51 |
| 9 | JOE | SWANK | 10 | 2020-07-30 18:07:51 |
| 10 | CHRISTIAN | GABLE | 9 | 2020-07-30 18:07:51 |
| 11 | ZERO | CAGE | 11 | 2020-07-30 18:07:51 |
| 12 | KARL | BERRY | 13 | 2020-07-30 18:07:51 |
| 13 | UMA | WOOD | 110 | 2020-07-30 18:07:51 |
| 14 | VIVIEN | BERGEN | 25 | 2020-07-30 18:07:51 |
| 15 | CUBA | OLIVIER | 40 | 2020-07-30 18:07:51 |
| 16 | FRED | COSTNER | 65 | 2020-07-30 18:07:51 |
| 17 | HELEN | VOIGHT | 77 | 2020-07-30 18:07:51 |
| 18 | DAN | TORN | 414 | 2020-07-30 18:07:51 |
| 19 | BOB | FAWCETT | 125 | 2020-07-30 18:07:51 |
| 20 | LUCILLE | TRACY | 80 | 2020-07-30 18:07:51 |
+----+----+----+----+
20 rows in set (0.00 sec)
```

```
mysql> select * from actor group by address_id having address_id = 2;
ERROR 1055 (42000): Expression #1 of SELECT list is not in GROUP BY clause and contains nonaggregated column 'lco_films.actor.actor_id' which is not functionally dependent on columns in GROUP BY clause; this is incompatible with sql_mode=only_full_group_by
mysql> SELECT first_name, last_name, address from Actor JOIN Address ON Actor.address_id = Address.address_id;
```



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```
mysql> SELECT first_name, last_name, address FROM Actor JOIN Address ON Actor.address_id = Address.address_id limit 10;
+-----+-----+-----+
| first_name | last_name | address
+-----+-----+-----+
| PENELOPE | GUINNESS | 47 MySakila Drive
| NICK | WAHLBERG | 1411 Lillydale Drive
| ED | CHASE | 28 MySQL Boulevard
| JENNIFER | DAVIS | 23 Workhaven Lane
| JOHNNY | LOLLOBRIGIDA | 1913 Hanoi Way
| BETTE | NICHOLSON | 692 Joliet Street
| GRACE | MOSTEL | 1121 Loja Avenue
| MATTHEW | JOHANSSON | 1566 Inegl Manor
| JOE | SWANK | 1795 Santiago de Compostela Way
| CHRISTIAN | GABLE | 53 Idfu Parkway
+-----+-----+-----+
10 rows in set (0.00 sec)
```

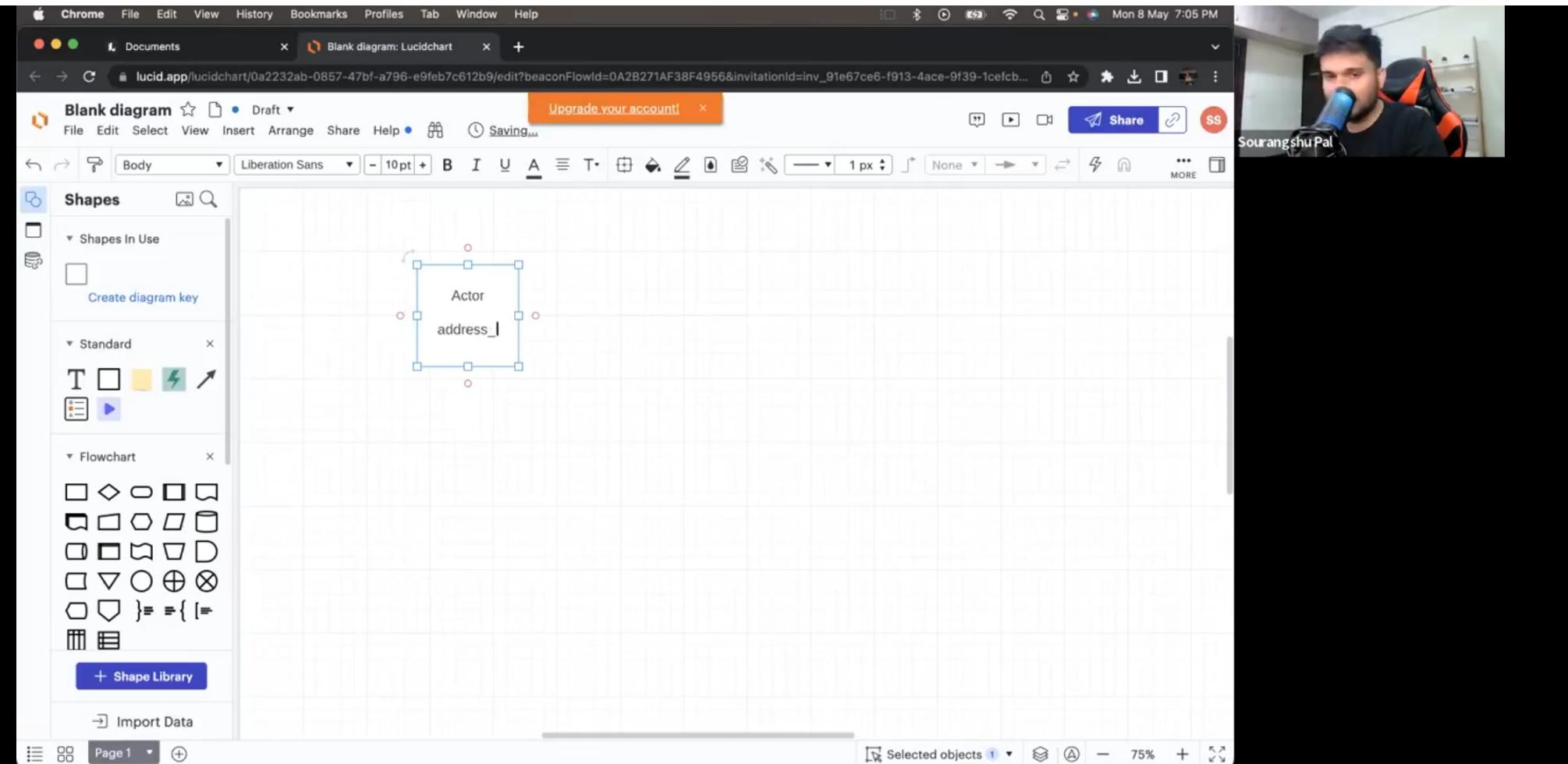
```
mysql> SELECT first_name, last_name, address, district FROM Actor JOIN Address ON Actor.address_id = Address.address_id limit 10;
```

```
+-----+-----+-----+-----+
| first_name | last_name | address | district
+-----+-----+-----+-----+
| PENELOPE | GUINNESS | 47 MySakila Drive | Alberta
| NICK | WAHLBERG | 1411 Lillydale Drive | QLD
| ED | CHASE | 28 MySQL Boulevard | QLD
| JENNIFER | DAVIS | 23 Workhaven Lane | Alberta
| JOHNNY | LOLLOBRIGIDA | 1913 Hanoi Way | Nagasaki
| BETTE | NICHOLSON | 692 Joliet Street | Attika
| GRACE | MOSTEL | 1121 Loja Avenue | California
| MATTHEW | JOHANSSON | 1566 Inegl Manor | Mandalay
| JOE | SWANK | 1795 Santiago de Compostela Way | Texas
| CHRISTIAN | GABLE | 53 Idfu Parkway | Nantou
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

```
mysql> 
```



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```
mysql> show tables;
+-----+
| Tables_in_lco_films |
+-----+
| actor              |
| address            |
| category           |
| city               |
| country             |
| film               |
| film_actor          |
| film_category       |
| language            |
+-----+
9 rows in set (0.00 sec)

mysql> select * from city limit 10;
+-----+-----+-----+
| city_id | city           | country_id | last_update   |
+-----+-----+-----+
|      1 | A Corua (La Corua) |     87 | 2020-07-30 18:07:52 |
|      2 | Abha            |     82 | 2020-07-30 18:07:52 |
|      3 | Abu Dhabi        |    101 | 2020-07-30 18:07:52 |
|      4 | Acua             |     60 | 2020-07-30 18:07:52 |
|      5 | Adana            |     97 | 2020-07-30 18:07:52 |
|      6 | Addis Abeba      |     31 | 2020-07-30 18:07:52 |
|      7 | Aden             |    107 | 2020-07-30 18:07:52 |
|      8 | Adoni            |     44 | 2020-07-30 18:07:52 |
|      9 | Ahmadnagar       |     44 | 2020-07-30 18:07:52 |
|     10 | Akishima          |     50 | 2020-07-30 18:07:52 |
+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> SELECT first_name, last_name, address, district FROM Actor JOIN Address ON Actor.address_id = Address.address_id JOIN City ON Address.city_id = City.city_id;
```



```
mysql> show tables;
+-----+
| Tables_in_lco_films |
+-----+
| actor                |
| address               |
| category              |
| city                  |
| country               |
| film                 |
| film_actor            |
| film_category         |
| language              |
+-----+
9 rows in set (0.00 sec)

mysql> select * from city limit 10;
+-----+-----+-----+
| city_id | city           | country_id | last_update   |
+-----+-----+-----+
|      1 | A Corua (La Corua) |      87 | 2020-07-30 18:07:52 |
|      2 | Abha             |      82 | 2020-07-30 18:07:52 |
|      3 | Abu Dhabi        |     101 | 2020-07-30 18:07:52 |
|      4 | Acua              |      60 | 2020-07-30 18:07:52 |
|      5 | Adana             |      97 | 2020-07-30 18:07:52 |
|      6 | Addis Abeba       |      31 | 2020-07-30 18:07:52 |
|      7 | Aden              |     107 | 2020-07-30 18:07:52 |
|      8 | Adoni             |      44 | 2020-07-30 18:07:52 |
|      9 | Ahmadnagar        |      44 | 2020-07-30 18:07:52 |
|     10 | Akishima          |      50 | 2020-07-30 18:07:52 |
+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> SELECT first_name, last_name, address, district, city FROM Actor JOIN Address ON Actor.address_id = Address.address_id JOIN City On Address.
```



```

mysql (mysql) | language | mysql (mysql)
+-----+-----+
9 rows in set (0.00 sec)

mysql> select * from city limit 10;
+-----+-----+-----+-----+
| city_id | city | country_id | last_update |
+-----+-----+-----+-----+
| 1 | A Corua (La Corua) | 87 | 2020-07-30 18:07:52 |
| 2 | Abha | 82 | 2020-07-30 18:07:52 |
| 3 | Abu Dhabi | 101 | 2020-07-30 18:07:52 |
| 4 | Acua | 60 | 2020-07-30 18:07:52 |
| 5 | Adana | 97 | 2020-07-30 18:07:52 |
| 6 | Addis Abeba | 31 | 2020-07-30 18:07:52 |
| 7 | Aden | 107 | 2020-07-30 18:07:52 |
| 8 | Adoni | 44 | 2020-07-30 18:07:52 |
| 9 | Ahmadnagar | 44 | 2020-07-30 18:07:52 |
| 10 | Akishima | 50 | 2020-07-30 18:07:52 |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)

mysql> SELECT first_name, last_name, address, district, city FROM Actor JOIN Address ON Actor.address_id = Address.address_id JOIN City On Address.
+-----+-----+-----+-----+-----+
| first_name | last_name | address | district | city |
+-----+-----+-----+-----+-----+
| PENELOPE | GUINNESS | 47 MySakila Drive | Alberta | Lethbridge |
| NICK | WAHLBERG | 1411 Lillydale Drive | QLD | Woodridge |
| ED | CHASE | 28 MySQL Boulevard | QLD | Woodridge |
| JENNIFER | DAVIS | 23 Workhaven Lane | Alberta | Lethbridge |
| JOHNNY | LOLLOBRIGIDA | 1913 Hanoi Way | Nagasaki | Sasebo |
| BETTE | NICHOLSON | 692 Joliet Street | Attika | Athenai |
| GRACE | MOSTEL | 1121 Loja Avenue | California | San Bernardino |
| MATTHEW | JOHANSSON | 1566 Inegl Manor | Mandalay | Myingyan |
| JOE | SWANK | 1795 Santiago de Compostela Way | Texas | Laredo |
| CHRISTIAN | GABLE | 53 Idfu Parkway | Nantou | Nantou |
+-----+-----+-----+-----+-----+

```



ROCK	DUKAKIS	230 Urawa Drive	Andhra Pradesh	Adoni	
CUBA	BIRCH	1920 Weifang Avenue	Uttar Pradesh	Rampur	
AUDREY	BAILEY	532 Toulon Street	Santiago	Santiago de los Caballeros	
GREGORY	GOODING	503 Sogamoso Loop	Sumqayit	Sumqayit	
JOHN	SUVARI	604 Bern Place	Jharkhand	Ranchi	
BURT	TEMPLE	98 Stara Zagora Boulevard	Valle	Buenaventura	
MERYL	ALLEN	1479 Rustenburg Boulevard	Southern Tagalog	Tanza	
JAYNE	SILVERSTONE	1293 Nam Dinh Way	Roraima	Boa Vista	
BELA	WALKEN	1628 Nagareyama Lane	Central	San Lorenzo	
REESE	WEST	619 Hunuco Avenue	Shimane	Matsue	
MARY	KEITEL	127 Iwakuni Boulevard	Central Luzon	Hagonoy	
JULIA	FAWCETT	45 Aparecida de Goinia Place	Madhya Pradesh	Satna	
THORA	TEMPLE	168 Cianjur Manor	Saitama	Iwatsuki	
Johnny	Depp	45 Aparecida de Goinia Place	Madhya Pradesh	Satna	

201 rows in set (0.01 sec)

```
mysql> SELECT first_name, last_name, address, district, city FROM Actor JOIN Address ON Actor.address_id = Address.address_id JOIN City ON Address.city_id = City.city_id limit 10;
```

first_name	last_name	address	district	city
PENELOPE	GUINNESS	47 MySakila Drive	Alberta	Lethbridge
NICK	WAHLBERG	1411 Lillydale Drive	QLD	Woodridge
ED	CHASE	28 MySQL Boulevard	QLD	Woodridge
JENNIFER	DAVIS	23 Workhaven Lane	Alberta	Lethbridge
JOHNNY	LOLLOBRIGIDA	1913 Hanoi Way	Nagasaki	Sasebo
BETTE	NICHOLSON	692 Joliet Street	Attika	Athenai
GRACE	MOSTEL	1121 Loja Avenue	California	San Bernardino
MATTHEW	JOHANSSON	1566 Inegl Manor	Mandalay	Myingyan
JOE	SWANK	1795 Santiago de Compostela Way	Texas	Laredo
CHRISTIAN	GABLE	53 Idfu Parkway	Nantou	Nantou

10 rows in set (0.00 sec)

```
mysql>
```



GREGORY	GOODING	503 Sogamoso Loop	Sumqayit	Sumqayit	
JOHN	SUVARI	604 Bern Place	Jharkhand	Ranchi	
BURT	TEMPLE	98 Stara Zagora Boulevard	Valle	Buenaventura	
MERYL	ALLEN	1479 Rustenburg Boulevard	Southern Tagalog	Tanza	
JAYNE	SILVERSTONE	1293 Nam Dinh Way	Roraima	Boa Vista	
BELA	WALKEN	1628 Nagareyama Lane	Central	San Lorenzo	
REESE	WEST	619 Hunuco Avenue	Shimane	Matsue	
MARY	KEITEL	127 Iwakuni Boulevard	Central Luzon	Hagonoy	
JULIA	FAWCETT	45 Aparecida de Goinia Place	Madhya Pradesh	Satna	
THORA	TEMPLE	168 Cianjur Manor	Saitama	Iwatsuki	
Johnny	Depp	45 Aparecida de Goinia Place	Madhya Pradesh	Satna	

201 rows in set (0.01 sec)

```
mysql> SELECT first_name, last_name, address, district, city FROM Actor JOIN Address ON Actor.address_id = Address.address_id JOIN City On Address.city_id = City.city_id limit 10;
```

first_name	last_name	address	district	city
PENELOPE	GUINNESS	47 MySakila Drive	Alberta	Lethbridge
NICK	WAHLBERG	1411 Lillydale Drive	QLD	Woodridge
ED	CHASE	28 MySQL Boulevard	QLD	Woodridge
JENNIFER	DAVIS	23 Workhaven Lane	Alberta	Lethbridge
JOHNNY	LOLLOBRIGIDA	1913 Hanoi Way	Nagasaki	Sasebo
BETTE	NICHOLSON	692 Joliet Street	Attika	Athenai
GRACE	MOSTEL	1121 Loja Avenue	California	San Bernardino
MATTHEW	JOHANSSON	1566 Inegl Manor	Mandalay	Myingyan
JOE	SWANK	1795 Santiago de Compostela Way	Texas	Laredo
CHRISTIAN	GABLE	53 Idfu Parkway	Nantou	Nantou

10 rows in set (0.00 sec)

```
mysql> INSERT INTO actor (first_name, last_name, address_id, last_update) VALUES ("Chris", "Evans", 8989, '2020-07-30 18:07:51');
ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`lco_films`.`actor`, CONSTRAINT `fk_actor_address` FOREIGN KEY (`address_id`) REFERENCES `address` (`address_id`) ON UPDATE CASCADE)
mysql> 
```



```

mysql (mysql)
+-----+-----+
| 592 | 1923 Stara Zagora Lane
| 593 | 1402 Zanzibar Boulevard
| 594 | 1464 Kursk Parkway
| 595 | 1074 Sanaa Parkway
| 596 | 1759 Niznekamsk Avenue
| 597 | 32 Liaocheng Way
| 598 | 42 Fontana Avenue
| 599 | 1895 Zhezqazghan Drive
| 600 | 1837 Kaduna Parkway
| 601 | 844 Bucuresti Place
| 602 | 1101 Bucuresti Boulevard
| 603 | 1103 Quilmes Boulevard
| 604 | 1331 Usak Boulevard
| 605 | 1325 Fukuyama Street
| 606 | A-16, Rohini
+-----+
604 rows in set (0.00 sec)

mysql> SELECT first_name, last_name, address, district FROM Actor JOIN Address ON Actor.address_id = Address.address_id;

```



MENA	HOPPER	780 Kimberley Way	Tabuk
OLYMPIA	PFEIFFER	1912 Emeishan Drive	Balikesir
GROUCHO	WILLIAMS	1698 Southport Loop	Hidalgo
ALAN	DREYFUSS	817 Laredo Avenue	Jalisco
MICHAEL	BENING	1658 Jastrzebie-Zdrj Loop	Central
WILLIAM	HACKMAN	614 Pak Kret Street	Addis Abeba
JON	CHASE	661 Chisinau Lane	Pietari
GENE	MCKELLEN	41 El Alto Parkway	Maharashtra
LISA	MONROE	519 Nyeri Manor	So Paulo
ED	GUINNESS	381 Kabul Way	Taipei
JEFF	SILVERSTONE	687 Alessandria Parkway	Sanaa
MATTHEW	CARREY	1519 Santiago de los Caballeros Loop	East Kasai
DEBBIE	AKROYD	1957 Yantai Lane	So Paulo
RUSSELL	CLOSE	651 Pathankot Loop	Maharashtra
HUMPHREY	GARLAND	1354 Siegen Street	Rio de Janeiro
MICHAEL	BOLGER	1599 Plock Drive	Tete
JULIA	ZELLWEGER	951 Stara Zagora Manor	Punjab
RENEE	BALL	1908 Gaziantep Place	Liaoning
ROCK	DUKAKIS	230 Urawa Drive	Andhra Pradesh
CUBA	BIRCH	1920 Weifang Avenue	Uttar Pradesh
AUDREY	BAILEY	532 Toulon Street	Santiago
GREGORY	GOODING	503 Sogamoso Loop	Sumqayit
JOHN	SUVARI	604 Bern Place	Jharkhand
BURT	TEMPLE	98 Stara Zagora Boulevard	Valle
MERYL	ALLEN	1479 Rustenburg Boulevard	Southern Tagalog
JAYNE	SILVERSTONE	1293 Nam Dinh Way	Roraima
BELA	WALKEN	1628 Nagareyama Lane	Central
REESE	WEST	619 Hunuco Avenue	Shimane
MARY	KEITEL	127 Iwakuni Boulevard	Central Luzon
JULIA	FAWCETT	45 Aparecida de Goinia Place	Madhya Pradesh
THORA	TEMPLE	168 Cianjur Manor	Saitama
Johnny	Depp	45 Aparecida de Goinia Place	Madhya Pradesh

201 rows in set (0.01 sec)

mysql> []

mysql (mysql)

§2



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MENA	HOPPER	780 Kimberley Way	Tabuk
OLYMPIA	PFEIFFER	1912 Emeishan Drive	Balikesir
GROUCHO	WILLIAMS	1698 Southport Loop	Hidalgo
ALAN	DREYFUSS	817 Laredo Avenue	Jalisco
MICHAEL	BENING	1658 Jastrzebie-Zdrj Loop	Central
WILLIAM	HACKMAN	614 Pak Kret Street	Addis Abeba
JON	CHASE	661 Chisinau Lane	Pietari
GENE	MCKELLEN	41 El Alto Parkway	Maharashtra
LISA	MONROE	519 Nyeri Manor	So Paulo
ED	GUINNESS	381 Kabul Way	Taipei
JEFF	SILVERSTONE	687 Alessandria Parkway	Sanaa
MATTHEW	CARREY	1519 Santiago de los Caballeros Loop	East Kasai
DEBBIE	AKROYD	1957 Yantai Lane	So Paulo
RUSSELL	CLOSE	651 Pathankot Loop	Maharashtra
HUMPHREY	GARLAND	1354 Siegen Street	Rio de Janeiro
MICHAEL	BOLGER	1599 Plock Drive	Tete
JULIA	ZELLWEGER	951 Stara Zagora Manor	Punjab
RENEE	BALL	1908 Gaziantep Place	Liaoning
ROCK	DUKAKIS	230 Urawa Drive	Andhra Pradesh
CUBA	BIRCH	1920 Weifang Avenue	Uttar Pradesh
AUDREY	BAILEY	532 Toulon Street	Santiago
GREGORY	GOODING	503 Sogamoso Loop	Sumqayit
JOHN	SUVARI	604 Bern Place	Jharkhand
BURT	TEMPLE	98 Stara Zagora Boulevard	Valle
MERYL	ALLEN	1479 Rustenburg Boulevard	Southern Tagalog
JAYNE	SILVERSTONE	1293 Nam Dinh Way	Roraima
BELA	WALKEN	1628 Nagareyama Lane	Central
REESE	WEST	619 Hunuco Avenue	Shimane
MARY	KEITEL	127 Iwakuni Boulevard	Central Luzon
JULIA	FAWCETT	45 Aparecida de Goinia Place	Madhya Pradesh
THORA	TEMPLE	168 Cianjur Manor	Saitama
Johnny	Depp	45 Aparecida de Goinia Place	Madhya Pradesh

201 rows in set (0.01 sec)

mysql (mysql)



```
mysql> SELECT first_name, last_name, address, district FROM Actor RIGHT OUTER JOIN Address ON Actor.address_id = Address.address_id;
```

NULL	NULL	270 Amroha Parkway	Osmaniye
NULL	NULL	770 Bydgoszcz Avenue	California
FAY	KILMER	419 Iligan Lane	Madhya Pradesh
NULL	NULL	360 Toulouse Parkway	England
NULL	NULL	270 Toulon Boulevard	Kalmykia
NULL	NULL	320 Brest Avenue	Kaduna
NULL	NULL	1417 Lancaster Avenue	Northern Cape
KIRK	JOVOVICH	1688 Okara Way	Northwest Border Prov
VIVIEN	BERGEN	262 A Corua (La Corua) Parkway	Dhaka
NULL	NULL	28 Charlotte Amalie Street	Rabat-Sal-Zammour-Z
TOM	MCKELLEN	1780 Hino Boulevard	Liepaja
NULL	NULL	96 Tafuna Way	Crdoba
NULL	NULL	934 San Felipe de Puerto Plata Street	Sind
NULL	NULL	18 Duisburg Boulevard	
NULL	NULL	217 Botshabelo Place	Southern Mindanao
NULL	NULL	1425 Shikarpur Manor	Bihar
SANDRA	KILMER	786 Aurora Avenue	Yamaguchi
NULL	NULL	1668 Anpolis Street	Taipei
BURT	DUKAKIS	33 Gorontalo Way	West Bengali
RIVER	DEAN	176 Mandaluyong Place	Uttar Pradesh
NULL	NULL	127 Purnea (Purnia) Manor	Piemonte
NULL	NULL	61 Tama Street	Okayama
NULL	NULL	391 Callao Drive	Midi-Pyrnes
CUBA	OLIVIER	334 Munger (Monghyr) Lane	Markazi
NULL	NULL	1440 Fukuyama Loop	Henan
JODIE	DEGENERES	269 Cam Ranh Parkway	Chisinau
NULL	NULL	306 Antofagasta Place	Esprito Santo
ELVIS	MARX	671 Graz Street	Oriental
JESSICA	BAILEY	42 Brindisi Place	Yerevan
RIP	CRAWFORD	1632 Bislig Avenue	Nonthaburi
JULIA	MCQUEEN	1447 Imus Way	Tahiti
NULL	NULL	1998 Halifax Drive	Lipetsk
NULL	NULL	1718 Valencia Street	Antofagasta
NULL	NULL	46 Pjatigorsk Lane	Moscow (City)
NULL	NULL	686 Garland Manor	Cear
NULL	NULL	909 Garland Manor	Tatarstan

mysql (mysql)



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Google search results for "mysql joins venn diagram". The search took 0.42 seconds and found about 8,07,000 results.

Images for mysql joins venn

- [cross join](#)
- [sql join](#)
- [left outer](#)
- [left join](#)
- [sql server](#)

LearnSQL.com
<https://learnsql.com/blog/sql-joins>

SQL JOINS
21-Nov-2016 — A popular way of understanding SQL Joins is to visualize them using Venn diagrams, so each example have corresponding Venn diagram, ...

Edureka
<https://www.edureka.co/categories/database>

SQL joins as venn diagram
19-Aug-2022 — I've had difficulties comprehending joins in SQL, but I think this illustration might help. The issue is that I'm not quite clear about it.

codinghorror
<http://blog.codinghorror.com/a-visual-explanation-of-sql-joins/>

A Visual Explanation of SQL Joins

JOINS AND SET OPERATIONS IN RELATIONAL DATABASES

Inner join (result similar to intersect)
Left outer join
Right outer join
Full outer join
Minus

JOIN OPERATOR

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Trifecta Documentation
[Join Types](#)

SQL Joins Examples

Joins in MySQL | Learn...

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NULL	NULL	1895 Zhezqazghan Drive	California
NULL	NULL	1837 Kaduna Parkway	Inner Mongolia
NULL	NULL	844 Bucuresti Place	Liaoning
NULL	NULL	1101 Bucuresti Boulevard	West Greece
NULL	NULL	1103 Quilmes Boulevard	Piura
NULL	NULL	1331 Usak Boulevard	Vaud
NULL	NULL	1325 Fukuyama Street	Heilongjiang
NULL	NULL	A-16, Rohini	Texas

605 rows in set (0.00 sec)

```
mysql> SELECT first_name, last_name, address, district FROM Actor LEFT OUTER JOIN Address ON Actor.address_id = Address.address_id;
```

first_name	last_name	address	district
PENELOPE	GUINNESS	47 MySakila Drive	Alberta
NICK	WAHLBERG	1411 Lillydale Drive	QLD
ED	CHASE	28 MySQL Boulevard	QLD
JENNIFER	DAVIS	23 Workhaven Lane	Alberta
JOHNNY	LOLLOBRIGIDA	1913 Hanoi Way	Nagasaki
BETTE	NICHOLSON	692 Joliet Street	Attika
GRACE	MOSTEL	1121 Loja Avenue	California
MATTHEW	JOHANSSON	1566 Inegl Manor	Mandalay
JOE	SWANK	1795 Santiago de Compostela Way	Texas
CHRISTIAN	GABLE	53 Idfu Parkway	Nantou
ZERO	CAGE	900 Santiago de Compostela Parkway	Central Serbia
KARL	BERRY	613 Korolev Drive	Masqat
UMA	WOOD	1867 San Juan Bautista Tuxtepec Avenue	Ivanovo
VIVIEN	BERGEN	262 A Corua (La Corua) Parkway	Dhaka
CUBA	OLIVIER	334 Munger (Monghyr) Lane	Markazi
FRED	COSTNER	915 Ponce Place	Basel-Stadt
HELEN	VOIGHT	1947 Poos de Caldas Boulevard	Chiayi
DAN	TORN	1936 Lapu-Lapu Parkway	Bauchi & Gombe
BOB	FAWCETT	211 Chiayi Drive	Uttar Pradesh
LUCILLE	TRACY	602 Paarl Street	Pavlodar
KIRSTEN	PALTROW	1697 Tanauan Lane	Punjab



The screenshot shows a GitHub repository page for [hhorak/mysql-sample-db](#). The repository is public and contains one file, `mysqlsampledatabase.sql`, which has 7930 lines and 205 KB in size. The file was committed by [hhorak](#) on April 24, 2017. The code itself is a MySQL script with the following content:

```
1 /*  
2 ****  
3 http://www.mysqltutorial.org  
4 ****  
5 Name: MySQL Sample Database classicmodels  
6 Link: http://www.mysqltutorial.org/mysql-sample-database.aspx  
7 Version 3.1  
8 + changed data type from DOUBLE to DECIMAL for amount columns  
9 Version 3.0  
10 + changed DATETIME to DATE for some columns  
11 Version 2.0  
12 + changed table type from MyISAM to InnoDB  
13 + added foreign keys for all tables  
14 ****  
15 */  
16  
17 /*!40101 SET NAMES utf8 */;  
18  
19 /*!40101 SET NAMES */;
```



Chrome File Edit View History Bookmarks Profiles Tab Window Help

Documents | Blank diagram: Lucidchart | MySQL-PW-HN/films.sql at me | (7) Combine Two Tables - Leet | Mon 8 May 7:37 PM

leetcode.com/problems/combine-two-tables/

LeetCode Explore Problems Interview Contest Discuss Store

Description Solution Discuss (999+) Submissions

i MySQL

Write your MySQL query statement below

1
2

Input:

Person table:

personId	lastName	firstName
1	Wang	Allen
2	Alice	Bob

Address table:

addressId	personId	city	state
1	2	New York City	New York
2	3	Leetcode	California

Output:

firstName	lastName	city	state
Allen	Wang	Null	Null
Bob	Alice	New York City	New York

1:40:06 1x 1:49:03

Explanation:

There is no address in the address table for the personId = 1 so we return null in their city and state.

Problem 68 Pick One < Prev 68 / 467 Next > Console Contribute Run Code Submit

9372 lines, 560741 characters selected

SQL

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The screenshot shows a LeetCode problem titled "Combine Two Tables". The problem involves two tables: "Person" and "Address". The "Person" table has columns "personId", "lastName", and "firstName". The "Address" table has columns "addressId", "personId", "city", and "state". The output table combines these, showing the first name and last name of each person along with their city and state from the address table. If there is no address for a given personId, the city and state are shown as null. The video player indicates the video is at 1:40:06 and has a 1x speed. On the right, there is a video feed of Sourangshu Pal. At the bottom, there are navigation icons for play, pause, and volume.