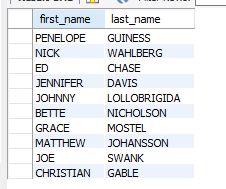
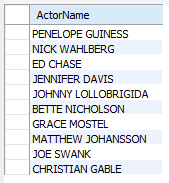
1a. select first\_name, last\_name from actor;



1b. SELECT Concat(first\_name , ' ' , last\_name) AS ActorName

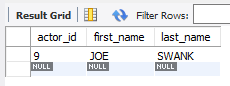
FROM actor;



2a. select actor\_id, first\_name, last\_name

from actor

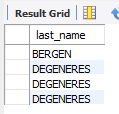
where first\_name = 'Joe';



2b. select last\_name

from actor

where last\_name like '%GEN%'

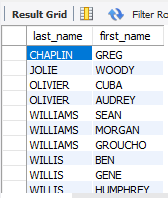


2c. select last\_name, first\_name

from actor

where last\_name like '%LI%'

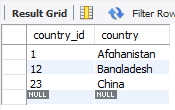
order by last\_name;



2d. select country\_id, country

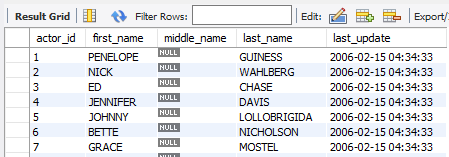
from country

where country in ('Afghanistan','Bangladesh','China');



3a. alter table actor add middle\_name varchar(60) after first\_name;

select\* from actor;



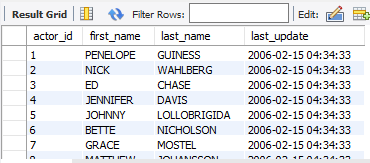
3b. alter table actor

alter column middle\_name type bytea using middle\_name

3c. alter table actor

drop middle\_name;

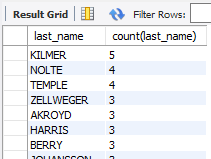
select\*from actor;



4a. select last\_name,count(last\_name) from actor

group by last\_name

order by count(last\_name) desc;

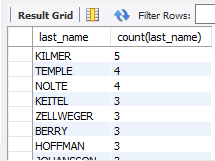


4b. select last\_name,count(last\_name) from actor

group by last\_name

having count(last\_name) >= 2

order by count(last\_name) desc



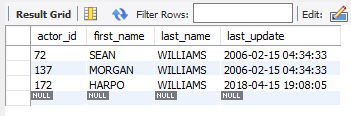
4c. update actor

set first\_name = 'HARPO'

where first\_name = 'GROUCHO'

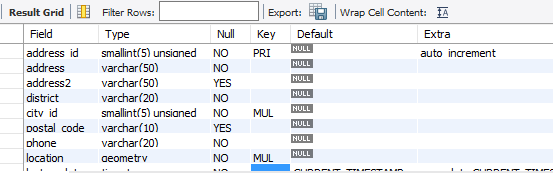
and last\_name = 'WILLIAMS';

select\* from actor where last\_name = 'williams'



4d. I didn’t understand what was needed here.

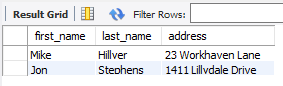
5a. describe address



6a. select first\_name, last\_name, address

from staff s, address a

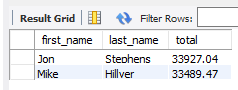
where s.address\_id = a.address\_id



6b. select first\_name, last\_name, sum(p.amount) as total from staff s, payment p

where s.staff\_id = p.staff\_id

group by s.first\_name, s.last\_name;

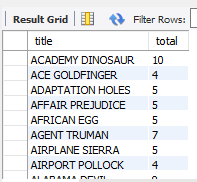


6c. select f.title, count(fa.actor\_id) as total

from film\_actor fa, film f

where fa.film\_id = f.film\_id

group by f.title

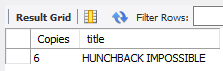


6d. select count(f.title) as Copies, f.title

from film f, inventory i

where f.film\_id = i.film\_id

and f.title = 'Hunchback Impossible'

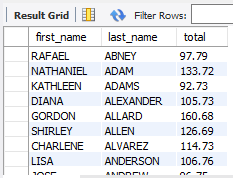


6e. select c.first\_name, c.last\_name, sum(p.amount) as total

from payment p, customer c

where p.customer\_id = c.customer\_id

group by c.last\_name asc



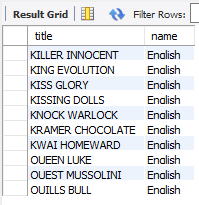
7a. select f.title, l.name

from film f, language l

where f.language\_id = l.language\_id

and f.title like 'k%' or f.title like'Q%'

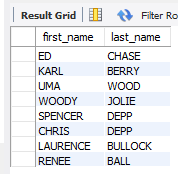
and l.name = 'English';



7b. select first\_name, last\_name from actor where actor\_id in

(select actor\_id from film\_actor where film\_id in

(select film\_id from film where title = 'Alone Trip'));



Or:

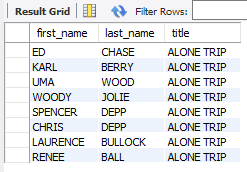
select first\_name, last\_name, title

from actor a, film\_actor fa, film f

where a.actor\_id = fa.actor\_id

and fa.film\_id = f.film\_id

and f.title = 'Alone Trip'



7c. select cu.first\_name, cu.last\_name, cu.email, co.country

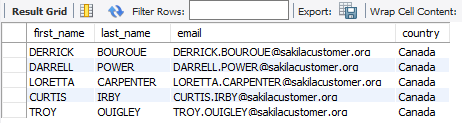
from customer cu, address a, city ci, country co

where cu.address\_id = a.address\_id

and a.city\_id = ci.city\_id

and ci.country\_id = co.country\_id

and co.country = 'Canada'



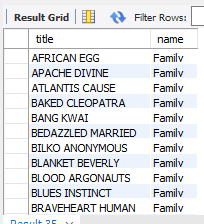
7d. select f.title, c.name

from film f, film\_category fc, category c

where f.film\_id = fc.film\_id

and fc.category\_id = c.category\_id

and c.name = 'Family'



7e. select f.title, count(f.film\_id) Most\_Rented\_Movie

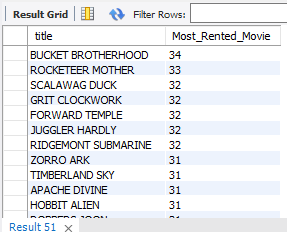
from film f, inventory i, rental r

where f.film\_id = i.film\_id

and i.inventory\_id = r.inventory\_id

group by f.title

order by Most\_Rented\_Movie desc;

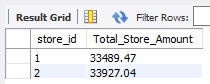


7f. select s.store\_id, sum(p.amount) as Total\_Store\_Amount

from payment p, staff s

where p.staff\_id = s.staff\_id

group by s.store\_id



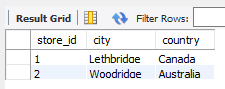
7g. select s.store\_id, c.city, co.country

from store s, address a, city c, country co

where s.address\_id = a.address\_id

and a.city\_id = c.city\_id

and c.country\_id = co.country\_id



7h. select c.name, sum(p.amount) as Total\_Gross\_Rev

from category c, film\_category fc, inventory i, rental r, payment p

where c.category\_id = fc.category\_id

and fc.film\_id = i.film\_id

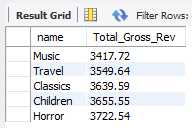
and i.inventory\_id = r.inventory\_id

and r.rental\_id = p.rental\_id

group by c.name

order by Total\_Gross\_Rev

limit 5;



8a. create view Top\_Five\_Genres as

select c.name, sum(p.amount) as Total\_Gross\_Rev

from category c, film\_category fc, inventory i, rental r, payment p

where c.category\_id = fc.category\_id

and fc.film\_id = i.film\_id

and i.inventory\_id = r.inventory\_id

and r.rental\_id = p.rental\_id

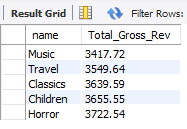
group by c.name

order by Total\_Gross\_Rev

limit 5;



8b. select\* from Top\_Five\_Genres



8c. drop view Top\_Five\_Genres;



Or:

