Use sakila;

select first\_name,last\_name from actor;

select upper(first\_name) as "Actor Name" from actor union all select upper(last\_name) from actor;

select actor\_id,first\_name,last\_name from actor where first\_name='Joe';

select \* from actor where instr(upper(last\_name),'GEN')>0;

select \* from actor where instr(upper(last\_name),'LI')>0 order by last\_name,first\_name;

select country\_id,country from country where country in ("Afghanistan", "Bangladesh", "China");

alter table actor add description BLOB;

alter table actor drop description;

select last\_name,count(last\_name) from actor group by last\_name;

select last\_name,count(last\_name) from actor group by last\_name having count(last\_name) >=2;

set sql\_safe\_updates=0;

update actor set first\_name="HARPO" , last\_name="WILLIAMS" where upper(first\_name)="GROUCHO" and upper(last\_name)="WILLIAMS";

update actor set first\_name="GROUCHO " where upper(first\_name)=" HARPO" ;

SELECT `table\_schema`

FROM `information\_schema`.`tables`

WHERE `table\_name` = 'customer\_email';

select a.first\_name,a.last\_name,b.address from staff a join address b on a.address\_id=b.address\_id;

select a.first\_name,a.last\_name,sum(b.amount) from staff a join payment b on a.staff\_id=b.staff\_id group by a.staff\_id;

select a.first\_name,a.last\_name,sum(b.amount) as "Total Amount" from staff a join payment b on a.staff\_id=b.staff\_id where month(b.payment\_date)='08' and year(b.payment\_date)='2005' group by a.first\_name,a.last\_name;

select a.film\_id,a.title,count(b.actor\_id) as "Number Of Actors" from film a join film\_actor b on a.film\_id=b.film\_id group by a.film\_id;

select count(b.inventory\_id) as "Number of Copies" from film a join inventory b on a.film\_id=b.film\_id where a.title="Hunchback Impossible";

select first\_name,last\_name,sum(amount)as "Total Paid" from customer a join payment b on a.customer\_id=b.customer\_id group by a.customer\_id order by last\_name desc;

select title from film where language\_id in (select language\_id from language where name="English") and upper(substring(title,1,1)) in ("K","Q");

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"));

select first\_name,last\_name,email from customer a join

( select b.address\_id from address b join ( select c.city\_id from city c join country d on c.country\_id=d.country\_id where d.country="Canada") as f on b.city\_id=f.city\_id ) as g

on a.address\_id=g.address\_id;

select a.title from film a where a.film\_id in (select b.film\_id from film\_category b where b.category\_id in (select c.category\_id from category c where c.name="Family"));

select a.title,a.film\_id from film a join (select count(a.film\_id) as countid,a.film\_id as film\_id from inventory a join rental b on a.inventory\_id=b.inventory\_id group by a.film\_id ) as h

on a.film\_id=h.film\_id order by h.countid desc;

select sum(p.amount) from payment p join

(select s.staff\_id from staff s join store st on s.store\_id=st.store\_id) as h

on p.staff\_id=h.staff\_id group by p.staff\_id;

select s.store\_id,h.city,h.country from store s join (

(select a.address\_id,a.city\_id from address a ) as j join

(select c.city\_id,c.city,co.country from city c join country co on c.country\_id=co.country\_id) as h

on j.city\_id=h.city\_id )

on s.address\_id=j.address\_id;

select first\_name,last\_name from actor;

select upper(first\_name) as "Actor Name" from actor union all select upper(last\_name) from actor;

select actor\_id,first\_name,last\_name from actor where first\_name='Joe';

select \* from actor where instr(upper(last\_name),'GEN')>0;

select \* from actor where instr(upper(last\_name),'LI')>0 order by last\_name,first\_name;

select country\_id,country from country where country in ("Afghanistan", "Bangladesh", "China");

alter table actor add description BLOB;

alter table actor drop description;

select last\_name,count(last\_name) from actor group by last\_name;

select last\_name,count(last\_name) from actor group by last\_name having count(last\_name) >=2;

set sql\_safe\_updates=0;

update actor set first\_name="HARPO" , last\_name="WILLIAMS" where upper(first\_name)="GROUCHO" and upper(last\_name)="WILLIAMS";

update actor set first\_name="GROUCHO " where upper(first\_name)=" HARPO" ;

SELECT `table\_schema`

FROM `information\_schema`.`tables`

WHERE `table\_name` = 'customer\_email';

select a.first\_name,a.last\_name,b.address from staff a join address b on a.address\_id=b.address\_id;

select a.first\_name,a.last\_name,sum(b.amount) from staff a join payment b on a.staff\_id=b.staff\_id group by a.staff\_id;

select a.first\_name,a.last\_name,sum(b.amount) as "Total Amount" from staff a join payment b on a.staff\_id=b.staff\_id where month(b.payment\_date)='08' and year(b.payment\_date)='2005' group by a.first\_name,a.last\_name;

select a.film\_id,a.title,count(b.actor\_id) as "Number Of Actors" from film a join film\_actor b on a.film\_id=b.film\_id group by a.film\_id;

select count(b.inventory\_id) as "Number of Copies" from film a join inventory b on a.film\_id=b.film\_id where a.title="Hunchback Impossible";

select first\_name,last\_name,sum(amount)as "Total Paid" from customer a join payment b on a.customer\_id=b.customer\_id group by a.customer\_id order by last\_name desc;

select title from film where language\_id in (select language\_id from language where name="English") and upper(substring(title,1,1)) in ("K","Q");

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"));

select first\_name,last\_name,email from customer a join

( select b.address\_id from address b join ( select c.city\_id from city c join country d on c.country\_id=d.country\_id where d.country="Canada") as f on b.city\_id=f.city\_id ) as g

on a.address\_id=g.address\_id;

select a.title from film a where a.film\_id in (select b.film\_id from film\_category b where b.category\_id in (select c.category\_id from category c where c.name="Family"));

select a.title,a.film\_id from film a join (select count(a.film\_id) as countid,a.film\_id as film\_id from inventory a join rental b on a.inventory\_id=b.inventory\_id group by a.film\_id ) as h

on a.film\_id=h.film\_id order by h.countid desc;

select sum(p.amount) from payment p join

(select s.staff\_id from staff s join store st on s.store\_id=st.store\_id) as h

on p.staff\_id=h.staff\_id group by p.staff\_id;

select s.store\_id,h.city,h.country from store s join (

(select a.address\_id,a.city\_id from address a ) as j join

(select c.city\_id,c.city,co.country from city c join country co on c.country\_id=co.country\_id) as h

on j.city\_id=h.city\_id )

on s.address\_id=j.address\_id;

create or replace view top\_five\_genres as

select distinct c.name,fcfiinvrenpa.revenue from category c join

(select fc.category\_id,fiinvrenpa.revenue as revenue from film\_category as fc join

(select fi.film\_id,category\_id,invrenpa.revenue as revenue from film\_category as fi join

(select inv.inventory\_id,film\_id,renpa.revenue as revenue from inventory as inv join

(select inventory\_id,ren.rental\_id,pa.revenue as revenue from rental as ren join

(select sum(amount) as revenue,rental\_id,payment\_id from payment group by payment\_id) as pa

on ren.rental\_id=pa.rental\_id ) as renpa

on inv.inventory\_id=renpa.inventory\_id) as invrenpa

on fi.film\_id=invrenpa.film\_id) as fiinvrenpa on

fc.category\_id=fiinvrenpa.category\_id) as fcfiinvrenpa

on c.category\_id= fcfiinvrenpa.category\_id order by fcfiinvrenpa.revenue desc limit 5;

select \* from top\_five\_genres;

drop view top\_five\_genres;