--------------------------1--------------------

select \* from directors

where nationality = 'American'

order by date\_of\_birth;

---------------2----------------------------

select distinct nationality from directors;

--------------------3--------------------------

select first\_name,last\_name,date\_of\_birth

from actors

where gender = 'F'

order by date\_of\_birth desc

limit 10;

---------------------------4------------------------

select international\_takings

from movie\_revenues

where international\_takings > 0

order by international\_takings desc

limit 3;

---------------------------5-------------------------

select (first\_name,last\_name) as full\_name

from directors;

-------------------6----------------------------------

select first\_name,date\_of\_birth

from actors

where date\_of\_birth is null or first\_name is null ;

--------------------------------7------------------------

select count (date\_of\_birth)

from actors

where date\_of\_birth >'1970-01-01';

---------------------------------8-----------------------

select max (domestic\_takings) as highest , min (domestic\_takings) as lowest

from movie\_revenues;

---------------------------9-------------------------------

select sum (movie\_length) as Total

from movies

where age\_certificate = '15';

-------------------------10-------------------------------

select count (nationality)

from directors

where nationality= 'Japanese';

----------------------------11-------------------------

select avg (movie\_length)

from movies

where movie\_lang = 'Chinese';

------------------------------12-------------------------

select count (distinct nationality)

from directors;

-----------------------------13---------------------

select age\_certificate, movie\_lang, sum(movie\_length)

from movies

group by age\_certificate, movie\_lang

order by movie\_lang;

-----------------------------14-----------------------

select movie\_lang, sum(movie\_length)

from movies

where movie\_length > 500

group by movie\_lang;

---------------------------------15----------------------------

select first\_name,last\_name,movie\_name,release\_date

from movies

join directors on movies.director\_id = directors.director\_id

where movie\_lang in ('Japanese','Chinese','Korean');

-------------------------------------16----------------------------

select movie\_name,release\_date,international\_takings

from movie\_revenues

join movies on movies.movie\_id = movie\_revenues.movie\_id

where movie\_lang = 'English';

------------------------------17---------------------------

select movie\_name,domestic\_takings,international\_takings

from movie\_revenues

join movies on movies.movie\_id = movie\_revenues.movie\_id

where domestic\_takings is null and international\_takings is null

order by movie\_name;

--------------------------------18-------------------------------

select first\_name,last\_name,movie\_name,age\_certificate

from directors

left join movies on movies.director\_id = directors.director\_id

where nationality = 'British';

----------------------------------19----------------------------

select count(director\_id),movie\_id

from movies

group by movie\_id;

---------------------- 19 not done

----------------------------------20---------------------

select actors.first\_name as Afirst,actors.last\_name,actors.date\_of\_birth,directors.first\_name,directors.last\_name,directors.date\_of\_birth

from actors

full outer join directors on directors.date\_of\_birth = actors.date\_of\_birth

order by directors.date\_of\_birth asc,

actors.date\_of\_birth ;

------------------not done---------------------------------------

-------------------21---------------------------------

--select actors.first\_name,actors.last\_name,directors.first\_name,directors.last\_name

--from actors

--full outer join directors on actors.first\_name = directors.first\_name

--where actors.date\_of\_birth between ('1960-01-01' and '1960-12-31')

--and directors.date\_of\_birth between '1960-01-01' and '1960-12-31' ;

-------------not done