SQL
ASSESMENT

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1. Create Database project_movie_data and deploy table data according to ER diagram.

```
create database  project_movie_data ;
use project_movie_data ;


create table Actor(act_id int Not Null,act_fname char(20),act_lname char(20),act_gender
char(1),Primary key(act_id));
insert into Actor (act_id, act_fname, act_lname, act_gender) values
(101,'James','Stewart','M'),
(102,'Deborah','Kerr','F'),
(103,'Peter','OToole','M'),
(104, ' Robert   ', ' De Niro  ', 'M'),
(105, ' F. Murray', ' Abraham  ', 'M'),
(106, ' Harrison ', ' Ford     ', 'M'),
(107, ' Nicole   ', ' Kidman   ', 'F'),
(108, ' Stephen  ', ' Baldwin  ', 'M'),
(109, ' Jack     ', ' Nicholson', 'M'),
(110, ' Mark     ', ' Wahlberg ', 'M'),
(111, ' Woody    ', ' Allen    ', 'M'),
(112, ' Claire   ', ' Danes    ', 'F'),
(113, ' Tim      ', ' Robbins  ', 'M'),
(114, ' Kevin    ', ' Spacey   ', 'M'),
(115, ' Kate     ', ' Winslet  ', 'F'),
(116, ' Robin    ', ' Williams ', 'M'),
(117, ' Jon      ', ' Voight   ', 'M'),
(118, ' Ewan', ' McGregor ', 'M'),
(119, ' Christian', ' Bale     ', 'M'),
(120, ' Maggie   ', ' Gyllenhaa', 'F'),
(121, ' Dev      ', ' Patel    ', 'M'),
(122, ' Sigourney', ' Weaver   ', 'F'),
(123, ' David    ', ' Aston    ', 'M'),
(124, ' Ali      ', ' Astin    ', 'F');


create table Director(dir_id int Not Null ,dir_fname char(20),dir_lname char(20),Primary
Key(dir_id));
insert into Director (dir_id, dir_fname, dir_lname) values
(201, ' Alfred   ', ' Hitchcock'),
(202, ' Jack     ', ' Clayton'),
(203, ' David    ', ' Lean'),
(204, ' Michael  ', ' Cimino'),
(205, ' Milos    ', ' Forman'),
(206, ' Ridley    ', ' Scott'),
(207, ' Stanley   ', ' Kubrick'),
(208, ' Bryan     ', ' Singer'),
(209, ' Roman     ', ' Polanski'),
(210, ' Paul      ', ' Thomas An'),
(211, ' Woody     ', ' Allen'),
(212, ' Hayao     ', ' Miyazaki'),
(213, ' Frank     ', ' Darabont'),
(214, ' Sam       ', ' Mendes'),
(215, ' James     ', ' Cameron'),
(216, ' Gus       ', ' Van Sant'),
(217, ' John      ', ' Boorman'),
(218, ' Danny     ', ' Boyle'),
(219, ' Christoph', ' Nolan'),
(220, ' Richard   ', ' Kelly'),
(221, ' Kevin     ', ' Spacey'),
(222, ' Andrei    ', ' Tarkovsky'),
(223, ' Peter     ', ' Jackson');


create table Genres(gen_id int Not Null,gen_title char(20) Not Null,Primary Key(gen_id));
insert into Genres(gen_id, gen_title) values
(1001,'Action'),
(1002, ' Adventure'),
(1003, ' Animation'),
(1004, ' Biography'),
(1005, ' Comedy'),
(1006, ' Crime'),
(1007, ' Drama'),
(1008, ' Horror'),
(1009, ' Music'),
(1010, ' Mystery'),
(1011, ' Romance'),
(1012, ' Thriller'),
(1013, ' War');


create table Reviewer(rev_id int Not Null,rev_name char(30),primary key(rev_id));
insert into Reviewer (rev_id,rev_name) values
(9001,'Righty Sock'),
(9002, 'Jack Malvern'),
(9003, 'Flagrant Baronessa'),
(9004, 'Alec Shaw'),
(9005,"),
(9006, 'Victor Woeltjen'),
(9007, 'Simon Wright'),
(9008, 'Neal Wruck'),
(9009, 'Paul Monks'),
(9010, ' Mike Salvati'),
(9011,''),
(9012, 'Wessley S.Walker'),
(9013, 'Sasha Goldshtein'),
(9014, 'Josh Cates'),
(9015, 'Krug Stillo'),
(9016, 'Scott LeBrun'),
(9017, 'Hannah Steele'),
(9018, 'Vincent Cadena'),
(9019, 'Brand Sponseller'),
(9020, 'Richard Adams');


create table Movie(mov_id int Not Null ,mov_title char(50),mov_year int,mov_time
int,mov_lang char(50) Not Null,mov_dt_rel date,mov_rel_country char(50) ,Primary
Key(mov_id));
insert into Movie (mov_id, mov_title, mov_year, mov_time, mov_lang, mov_dt_rel,
mov_rel_country) values
(901, ' Vertigo             ', 1958, 128, ' English  ', '1958-08-24', ' UK'),
(902, ' The Innocents       ', 1961, 100, ' English  ', '1962-02-19', ' SW'),
(903, ' Lawrence of Arabia ', 1962, 216, ' English  ', '1962-12-11', ' UK'),
(904, ' The Deer Hunter     ', 1978, 183, ' English  ', '1979-03-08', ' UK'),
(905, ' Amadeus             ', 1984, 160, ' English  ', '1985-01-07', ' UK'),
(906, ' Blade Runner        ', 1982, 117, ' English  ', '1982-09-09', ' UK'),
(907, ' Eyes Wide Shut      ', 1999, 159, ' English  ', '0000-00-00', ' UK'),
(908, ' The Usual Suspects ', 1995, 106, ' English  ', '1995-08-25', ' UK'),
(909, ' Chinatown           ', 1974, 130, ' English  ', '1974-08-09', ' UK'),
(910, ' Boogie Nights       ', 1997, 155, ' English  ', '1998-02-16', ' UK'),
(911, ' Annie Hall          ', 1977, 93, ' English  ', '1977-04-20', ' USA'),
(912, ' Princess Mononoke  ', 1997, 134, ' Japanese ', '2001-10-19', ' UK'),
(913, ' The Shawshank Redem', 1994, 142, ' English  ', '1995-02-17', ' UK'),
(914, ' American Beauty     ', 1999, 122, ' English  ', '0000-00-00', ' UK'),
(915, ' Titanic             ', 1997, 194, ' English  ', '1998-01-23', ' UK'),
(916, ' Good Will Hunting  ', 1997, 126, ' English  ', '1998-06-03', ' UK'),
(917, ' Deliverance         ', 1972, 109, ' English  ', '1982-10-05', ' UK'),
(918, ' Trainspotting       ', 1996, 94, ' English  ', '1996-02-23', ' UK'),
(919, ' The Prestige        ', 2006, 130, ' English  ', '2006-11-10', ' UK'),
(920, ' Donnie Darko        ', 2001, 113, ' English  ', '0000-00-00', ' UK'),
(921, ' Slumdog Millionaire', 2008, 120, ' English  ', '2009-01-09', ' UK'),
(922, ' Aliens              ', 1986, 137, ' English  ', '1986-08-29', ' UK'),
(923, ' Beyond the Sea      ', 2004, 118, ' English  ', '2004-11-26', ' UK'),
(924, ' Avatar              ', 2009, 162, ' English  ', '2009-12-17', ' UK'),
(925, ' Braveheart          ', 1995, 178, ' English  ', '1995-09-08', ' UK'),
(926, ' Seven Samurai       ', 1954, 207, ' Japanese ', '1954-04-26', ' JP'),
(927, ' Spirited Away      ', 2001, 125, ' Japanese ', '2003-09-12', ' UK'),
(928, ' Back to the Future ', 1985, 116, ' English  ', '1985-12-04', ' UK');
```

```
create table Movie_cast(act_id int Not Null ,mov_id int Not Null,role char(30),foreign
key(act_id) references actor(act_id),foreign key(mov_id)references movie(mov_id));
insert into Movie_cast (act_id, mov_id, role) values
(101,901,'John Scottie Ferguson'),
(102, 902, 'Miss Giddens'),
(103, 903, 'T.E. Lawrence'),
(104, 904, 'Michael'),
(105, 905, 'Antonio Salieri'),
(106, 906, 'Rick Deckard'),
(107, 907, 'Alice Harford'),
(108, 908, 'McManus'),
(110, 910, 'Eddie Adams'),
(111, 911, 'Alvy Singer'),
(112, 912, 'San'),
(113, 913, 'Andy Dufresne'),
(114, 914, 'Lester Burnham'),
(115, 915, 'Rose DeWitt Bukater'),
(116, 916, 'Sean Maguire'),
(117, 917, 'Ed'),
(118, 918, 'Renton'),
(120, 920, 'Elizabeth Darko'),
(121, 921, 'Older Jamal'),
(122, 922, 'Ripley'),
(114, 923, 'Bobby Darin'),
(109, 909, 'J.J. Gittes'),
(119, 919, 'Alfred Borden');
```

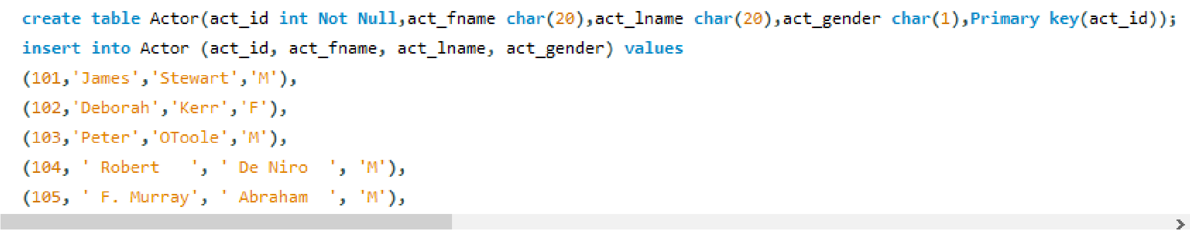
```
create table Movie_direction(dir_id int Not Null,mov_id int Not Null,foreign key(dir_id)
references director(dir_id),foreign key(mov_id)references movie(mov_id));
insert into Movie_direction (dir_id, mov_id) values
(201, 901),
(202, 902),
(203, 903),
(204, 904),
(205, 905),
(206, 906),
(207, 907),
(208, 908),
(209, 909),
(210, 910),
(211, 911),
(212, 912),
(213, 913),
(214, 914),
(215, 915),
(216, 916),
(217, 917),
(218, 918),
(219, 919),
(220, 920),
(218, 921),
(215, 922),
(221, 923);


create table Rating(mov_id int Not Null ,rev_id int Not Null,rev_stars int,num_o_ratings
int,foreign key(mov_id) references movie(mov_id),foreign key(rev_id) references
reviewer(rev_id));
insert into rating (mov_id, rev_id, rev_stars, num_o_ratings) values
(901, 9001, '8', 263575),
(902, 9002, '8', 20207),
(903, 9003, '8', 202778),
(906, 9005, '8', 484746),
(924, 9006, '7', 0),
(908, 9007, '9', 779489),
(909, 9008, '0', 227235),
(910, 9009, '3', 195961),
(911, 9010, '8', 203875),
(912, 9011, '8', 0),
(914, 9013, '8', 862618),
(916, 9014, '4', 642132),
(925, 9015, '8', 81328),
(918, 9016, '0', 580301),
(920, 9017, '8', 609451),
(921, 9018, '8', 667758),
(922, 9019, '8', 511613),
(923, 9020, '7', 13091);



create table Movie_genres(mov_id int Not Null,gen_id int Not Null,foreign
key(mov_id)references movie(mov_id), foreign key(gen_id) references genres(gen_id));
insert into Movie_genres (mov_id, gen_id) values
(922, 1001),
(917, 1002),
(903, 1002),
(912, 1003),
(911, 1005),
(908, 1006),
(913, 1006),
(926, 1007),
(928, 1007),
(918, 1007),
(921, 1007),
(902, 1008),
(923, 1009),
(907, 1010),
(927, 1010),
(901, 1010),
(914, 1010),
(906, 1012),
(904, 1013);
```

2. Create 9 tables which are presented in ER model and load the data with their foreign key and primary key values.

```
create table Actor(act_id int Not Null,act_fname char(20),act_lname
char(20),act_gender char(1),Primary key(act_id));
insert into Actor (act_id, act_fname, act_lname, act_gender) values
(101,'James','Stewart','M'),
(102,'Deborah','Kerr','F'),
(103,'Peter','OToole','M'),
(104, ' Robert   ', ' De Niro  ', 'M'),
(105, ' F. Murray', ' Abraham  ', 'M'),
(106, ' Harrison ', ' Ford     ', 'M'),
(107, ' Nicole   ', ' Kidman   ', 'F'),
(108, ' Stephen  ', ' Baldwin  ', 'M'),
(109, ' Jack     ', ' Nicholson', 'M'),
(110, ' Mark     ', ' Wahlberg ', 'M'),
(111, ' Woody    ', ' Allen    ', 'M'),
(112, ' Claire   ', ' Danes    ', 'F'),
(113, ' Tim      ', ' Robbins  ', 'M'),
(114, ' Kevin    ', ' Spacey   ', 'M'),
(115, ' Kate     ', ' Winslet  ', 'F'),
(116, ' Robin    ', ' Williams ', 'M'),
(117, ' Jon      ', ' Voight   ', 'M'),
(118, ' Ewan', ' McGregor ', 'M'),
(119, ' Christian', ' Bale     ', 'M'),
(120, ' Maggie   ', ' Gyllenhaa', 'F'),
(121, ' Dev      ', ' Patel    ', 'M'),
(122, ' Sigourney', ' Weaver   ', 'F'),
(123, ' David    ', ' Aston    ', 'M'),
(124, ' Ali      ', ' Astin    ', 'F');


create table Director(dir_id int Not Null ,dir_fname char(20),dir_lname
char(20),Primary Key(dir_id));
insert into Director (dir_id, dir_fname, dir_lname) values
(201, ' Alfred   ', ' Hitchcock'),
(202, ' Jack     ', ' Clayton'),
(203, ' David    ', ' Lean'),
(204, ' Michael  ', ' Cimino'),
(205, ' Milos    ', ' Forman'),
(206, ' Ridley   ', ' Scott'),
(207, ' Stanley  ', ' Kubrick'),
(208, ' Bryan    ', ' Singer'),
(209, ' Roman    ', ' Polanski'),
(210, ' Paul     ', ' Thomas An'),
(211, ' Woody    ', ' Allen'),
(212, ' Hayao    ', ' Miyazaki'),
(213, ' Frank    ', ' Darabont'),
(214, ' Sam      ', ' Mendes'),
(215, ' James    ', ' Cameron'),
(216, ' Gus      ', ' Van Sant'),
(217, ' John     ', ' Boorman'),
(218, ' Danny    ', ' Boyle'),
(219, ' Christoph', ' Nolan'),
(220, ' Richard  ', ' Kelly'),
(221, ' Kevin    ', ' Spacey'),
(222, ' Andrei   ', ' Tarkovsky'),
(223, ' Peter    ', ' Jackson');


create table Genres(gen_id int Not Null,gen_title char(20) Not Null,Primary
Key(gen_id));
insert into Genres(gen_id, gen_title) values
(1001,'Action'),
(1002, ' Adventure'),
(1003, ' Animation'),
(1004, ' Biography'),
(1005, ' Comedy'),
(1006, ' Crime'),
(1007, ' Drama'),
(1008, ' Horror'),
(1009, ' Music'),
(1010, ' Mystery'),
(1011, ' Romance'),
(1012, ' Thriller'),
(1013, ' War');


create table Reviewer(rev_id int Not Null,rev_name char(30),primary
key(rev_id));
insert into Reviewer (rev_id,rev_name) values
(9001,'Righty Sock'),
(9002, 'Jack Malvern'),
(9003, 'Flagrant Baronessa'),
(9004, 'Alec Shaw'),
(9005,''),
(9006, 'Victor Woeltjen'),
(9007, 'Simon Wright'),
(9008, 'Neal Wruck'),
(9009, 'Paul Monks'),
(9010, ' Mike Salvati'),
(9011,''),
(9012, 'Wessley S.Walker'),
(9013, 'Sasha Goldshtein'),
(9014, 'Josh Cates'),
(9015, 'Krug Stillo'),
(9016, 'Scott LeBrun'),
(9017, 'Hannah Steele'),
(9018, 'Vincent Cadena'),
(9019, 'Brand Sponseller'),
(9020, 'Richard Adams');


create table Movie(mov_id int Not Null ,mov_title char(50),mov_year
int,mov_time int,mov_lang char(50) Not Null,mov_dt_rel
date,mov_rel_country char(50) ,Primary Key(mov_id));
insert into Movie (mov_id, mov_title, mov_year, mov_time, mov_lang,
mov_dt_rel, mov_rel_country) values
(901, ' Vertigo            ', 1958, 128, ' English  ', '1958-08-24', ' UK'),
(902, ' The Innocents      ', 1961, 100, ' English  ', '1962-02-19', ' SW'),
(903, ' Lawrence of Arabia ', 1962, 216, ' English  ', '1962-12-11', ' UK'),
(904, ' The Deer Hunter    ', 1978, 183, ' English  ', '1979-03-08', ' UK'),
(905, ' Amadeus            ', 1984, 160, ' English  ', '1985-01-07', ' UK'),
(906, ' Blade Runner       ', 1982, 117, ' English  ', '1982-09-09', ' UK'),
(907, ' Eyes Wide Shut     ', 1999, 159, ' English  ', '0000-00-00', ' UK'),
(908, ' The Usual Suspects ', 1995, 106, ' English  ', '1995-08-25', ' UK'),
(909, ' Chinatown          ', 1974, 130, ' English  ', '1974-08-09', ' UK'),
(910, ' Boogie Nights      ', 1997, 155, ' English  ', '1998-02-16', ' UK'),
(911, ' Annie Hall         ', 1977, 93, ' English  ', '1977-04-20', ' USA'),
(912, ' Princess Mononoke  ', 1997, 134, ' Japanese ', '2001-10-19', ' UK'),
(913, ' The Shawshank Redem', 1994, 142, ' English  ', '1995-02-17', ' UK'),
(914, ' American Beauty    ', 1999, 122, ' English  ', '0000-00-00', ' UK'),
(915, ' Titanic            ', 1997, 194, ' English  ', '1998-01-23', ' UK'),
(916, ' Good Will Hunting  ', 1997, 126, ' English  ', '1998-06-03', ' UK'),
(917, ' Deliverance        ', 1972, 109, ' English  ', '1982-10-05', ' UK'),
(918, ' Trainspotting      ', 1996, 94, ' English  ', '1996-02-23', ' UK'),
(919, ' The Prestige       ', 2006, 130, ' English  ', '2006-11-10', ' UK'),
(920, ' Donnie Darko       ', 2001, 113, ' English  ', '0000-00-00', ' UK'),
(921, ' Slumdog Millionaire', 2008, 120, ' English  ', '2009-01-09', ' UK'),
(922, ' Aliens             ', 1986, 137, ' English  ', '1986-08-29', ' UK'),
(923, ' Beyond the Sea     ', 2004, 118, ' English  ', '2004-11-26', ' UK'),
(924, ' Avatar             ', 2009, 162, ' English  ', '2009-12-17', ' UK'),
(925, ' Braveheart         ', 1995, 178, ' English  ', '1995-09-08', ' UK'),
(926, ' Seven Samurai      ', 1954, 207, ' Japanese ', '1954-04-26', ' JP'),
(927, ' Spirited Away      ', 2001, 125, ' Japanese ', '2003-09-12', ' UK'),
(928, ' Back to the Future ', 1985, 116, ' English  ', '1985-12-04', ' UK');



create table Movie_cast(act_id int Not Null ,mov_id int Not Null,role
char(30),foreign key(act_id) references actor(act_id),foreign
key(mov_id)references movie(mov_id));
insert into Movie_cast (act_id, mov_id, role) values
(101,901,'John Scottie Ferguson'),
(102, 902, 'Miss Giddens'),
(103, 903, 'T.E. Lawrence'),
(104, 904, 'Michael'),
(105, 905, 'Antonio Salieri'),
(106, 906, 'Rick Deckard'),
(107, 907, 'Alice Harford'),
(108, 908, 'McManus'),
(110, 910, 'Eddie Adams'),
(111, 911, 'Alvy Singer'),
(112, 912, 'San'),
(113, 913, 'Andy Dufresne'),
(114, 914, 'Lester Burnham'),
(115, 915, 'Rose DeWitt Bukater'),
(116, 916, 'Sean Maguire'),
(117, 917, 'Ed'),
(118, 918, 'Renton'),
(120, 920, 'Elizabeth Darko'),
(121, 921, 'Older Jamal'),
(122, 922, 'Ripley'),
(114, 923, 'Bobby Darin'),
(109, 909, 'J.J. Gittes'),
(119, 919, 'Alfred Borden');
```

```
create table Movie_direction(dir_id int Not Null,mov_id int Not Null,foreign
key(dir_id) references director(dir_id),foreign key(mov_id)references
movie(mov_id));
insert into Movie_direction (dir_id, mov_id) values
(201, 901),
(202, 902),
(203, 903),
(204, 904),
(205, 905),
(206, 906),
(207, 907),
(208, 908),
(209, 909),
(210, 910),
(211, 911),
(212, 912),
(213, 913),
(214, 914),
(215, 915),
(216, 916),
(217, 917),
(218, 918),
(219, 919),
(220, 920),
(218, 921),
(215, 922),
(221, 923);


create table Rating(mov_id int Not Null ,rev_id int Not Null,rev_stars
int,num_o_ratings int,foreign key(mov_id) references movie(mov_id),foreign
key(rev_id) references reviewer(rev_id));
insert into rating (mov_id, rev_id, rev_stars, num_o_ratings) values
(901, 9001, '8', 263575),
(902, 9002, '8', 20207),
(903, 9003, '8', 202778),
(906, 9005, '8', 484746),
(924, 9006, '7', 0),
(908, 9007, '9', 779489),
(909, 9008, '0', 227235),
(910, 9009, '3', 195961),
(911, 9010, '8', 203875),
(912, 9011, '8', 0),
(914, 9013, '8', 862618),
(916, 9014, '4', 642132),
(925, 9015, '8', 81328),
(918, 9016, '0', 580301),
(920, 9017, '8', 609451),
(921, 9018, '8', 667758),
(922, 9019, '8', 511613),
(923, 9020, '7', 13091);
```

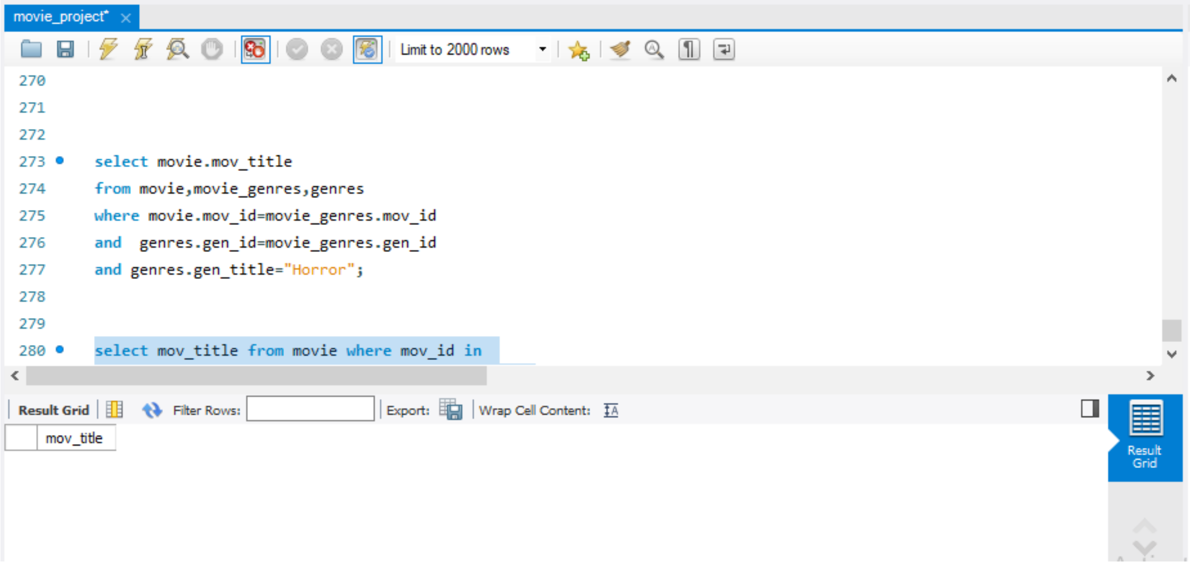
```
create table Movie_genres(mov_id int Not Null,gen_id int Not Null,foreign
key(mov_id)references movie(mov_id), foreign key(gen_id) references
genres(gen_id));
insert into Movie_genres (mov_id, gen_id) values
(922, 1001),
(917, 1002),
(903, 1002),
(912, 1003),
(911, 1005),
(908, 1006),
(913, 1006),
(926, 1007),
(928, 1007),
(918, 1007),
(921, 1007),
(902, 1008),
(923, 1009),
(907, 1010),
(927, 1010),
(901, 1010),
(914, 1010),
(906, 1012),
(904, 1013);
```



```
create table Actor(act_id int Not Null,act_fname char(20),act_lname char(20),act_gender char(1),Primary key(act_id));
insert into Actor (act_id, act_fname, act_lname, act_gender) values
(101,'James','Stewart','M'),
(102,'Deborah','Kerr','F'),
(103,'Peter','OToole','M'),
(104, ' Robert   ', ' De Niro  ', 'M'),
(105, ' F. Murray', ' Abraham  ', 'M'),
```

3. Write a query in SQL to list the Horror movies?

select mov_title from movie where mov_id in (select mov_id from movie_genres where gen_id in(select gen_id from genres where gen_title="Horror"));



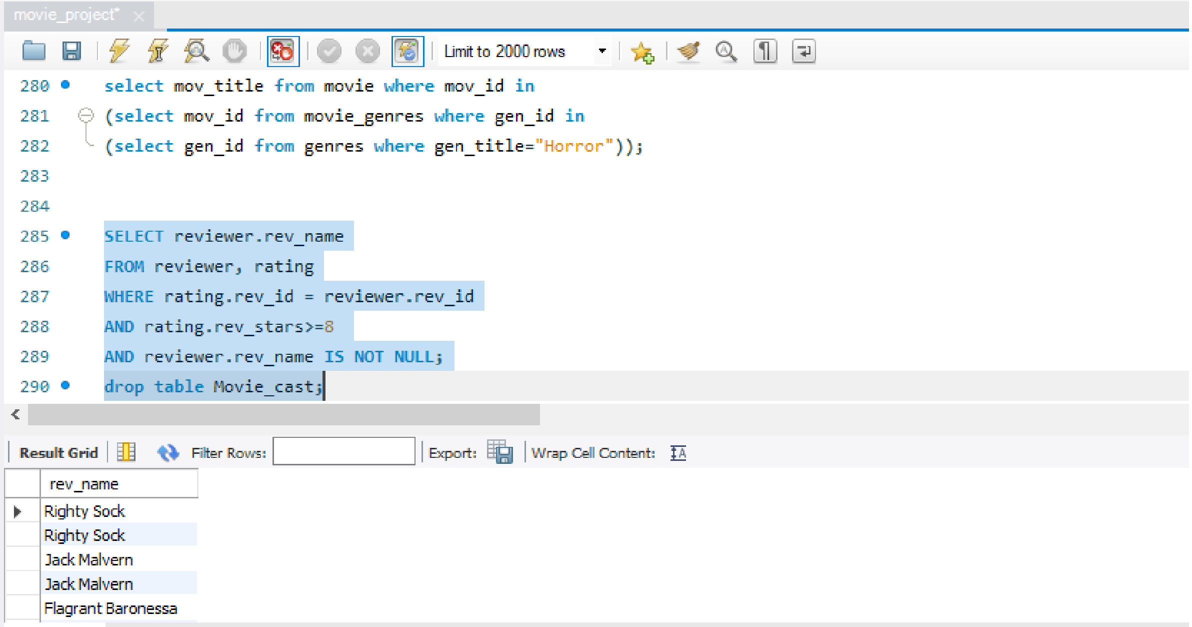
```
select movie.mov_title
from movie,movie_genres,genres
where movie.mov_id=movie_genres.mov_id
and  genres.gen_id=movie_genres.gen_id
and genres.gen_title="Horror";


select mov_title from movie where mov_id in
```

mov_title

4. Write a query in SQL to find the name of all reviewers who have rated 8 or more stars?

SELECT reviewer.rev_name
FROM reviewer, rating
WHERE rating.rev_id = reviewer.rev_id
AND rating.rev_stars>=8

AND reviewer.rev_name IS NOT NULL;
drop table Movie_cast;

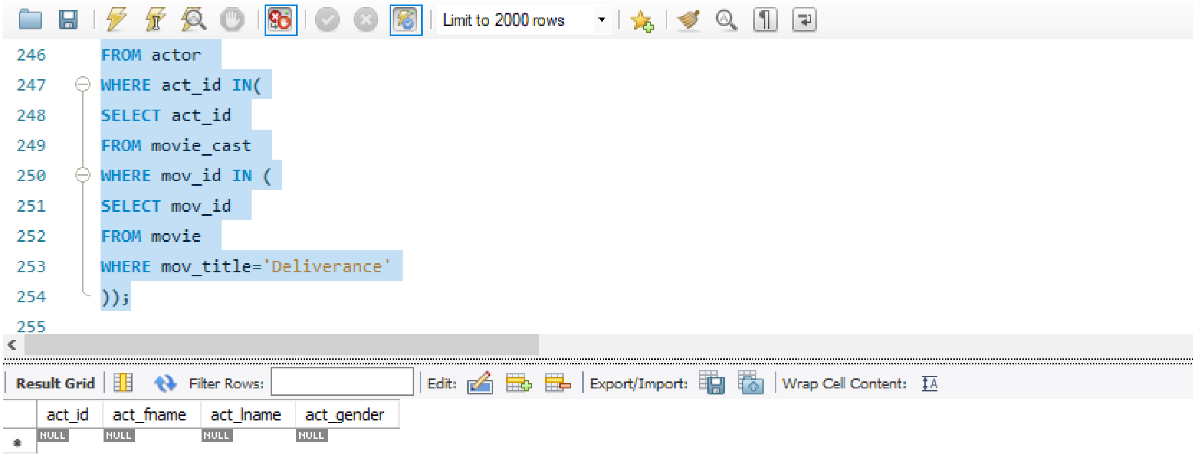


```
select mov_title from movie where mov_id in
(select mov_id from movie_genres where gen_id in
(select gen_id from genres where gen_title="Horror"));


SELECT reviewer.rev_name
FROM reviewer, rating
WHERE rating.rev_id = reviewer.rev_id
AND rating.rev_stars>=8
AND reviewer.rev_name IS NOT NULL;
drop table Movie_cast;
```

rev_name
Righty Sock
Righty Sock
Jack Malvern
Jack Malvern
Flagrant Baronessa

5. Write a query in SQL to list all the information of the actors who played a role in the movie ‘Deliverance’

```
SELECT *
FROM actor
WHERE act_id IN(
SELECT act_id
FROM movie_cast
WHERE mov_id IN (
SELECT mov_id
FROM movie
WHERE mov_title='Deliverance'
));
```

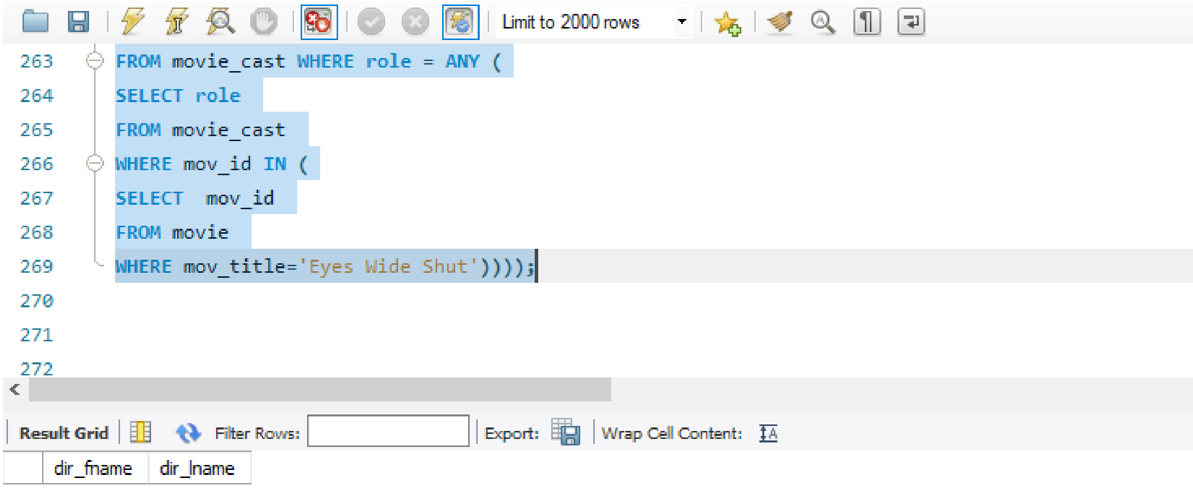


```sql
FROM actor
WHERE act_id IN(
SELECT act_id
FROM movie_cast
WHERE mov_id IN (
SELECT mov_id
FROM movie
WHERE mov_title='Deliverance'
));
```

act_id	act_fname	act_lname	act_gender
NULL	NULL	NULL	NULL

6. Write a query in SQL to find the name of the director (first and last names) who directed a movie that casted a role for ‘Eyes Wide Shut’. (using subquery)

```sql
SELECT dir_fname, dir_lname
FROM  director
WHERE dir_id in (
SELECT dir_id
FROM movie_direction
WHERE mov_id in(
SELECT mov_id
FROM movie_cast WHERE role = ANY (
SELECT role
FROM movie_cast
WHERE mov_id IN (
SELECT  mov_id
FROM movie
WHERE mov_title='Eyes Wide Shut'))));
```

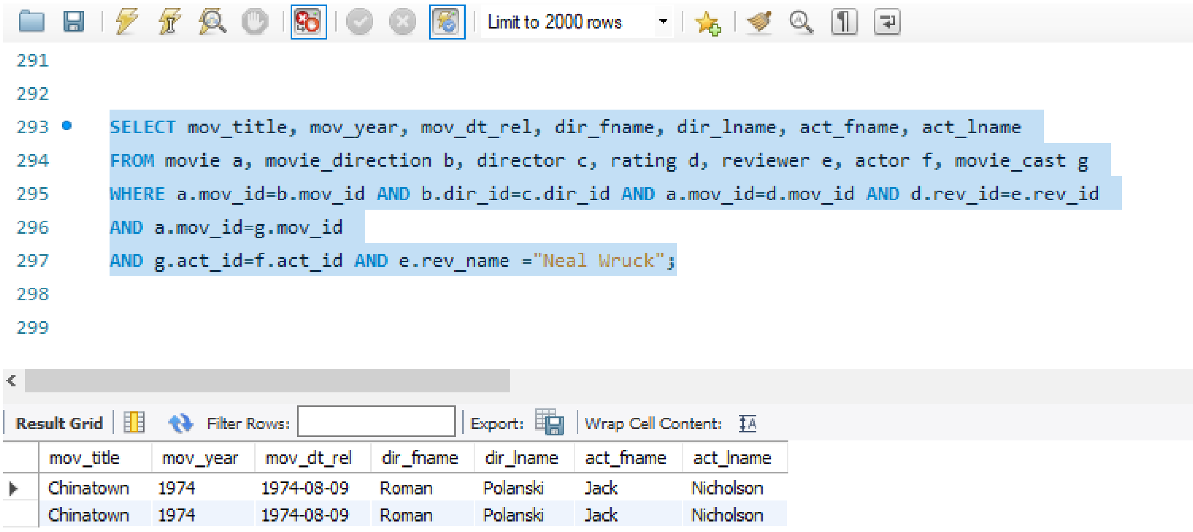


```
FROM movie_cast WHERE role = ANY (
SELECT role
FROM movie_cast
WHERE mov_id IN (
SELECT  mov_id
FROM movie
WHERE mov_title='Eyes Wide Shut')));
```

dir_fname	dir_lname

7. **Write a query in SQL to find the movie title, year, date of release, director and actor for those movies which reviewer is ‘Neal Wruck’**

SELECT mov_title, mov_year, mov_dt_rel, dir_fname, dir_lname, act_fname, act_lname FROM movie a, movie_direction b, director c, rating d, reviewer e, actor f, movie_cast g WHERE a.mov_id=b.mov_id AND b.dir_id=c.dir_id AND a.mov_id=d.mov_id AND d.rev_id=e.rev_id AND a.mov_id=g.mov_id AND g.act_id=f.act_id AND e.rev_name ="Neal Wruck";



```
SELECT mov_title, mov_year, mov_dt_rel, dir_fname, dir_lname, act_fname, act_lname
FROM movie a, movie_direction b, director c, rating d, reviewer e, actor f, movie_cast g
WHERE a.mov_id=b.mov_id AND b.dir_id=c.dir_id AND a.mov_id=d.mov_id AND d.rev_id=e.rev_id
AND a.mov_id=g.mov_id
AND g.act_id=f.act_id AND e.rev_name ="Neal Wruck";
```

mov_title	mov_year	mov_dt_rel	dir_fname	dir_lname	act_fname	act_lname
Chinatown	1974	1974-08-09	Roman	Polanski	Jack	Nicholson
Chinatown	1974	1974-08-09	Roman	Polanski	Jack	Nicholson