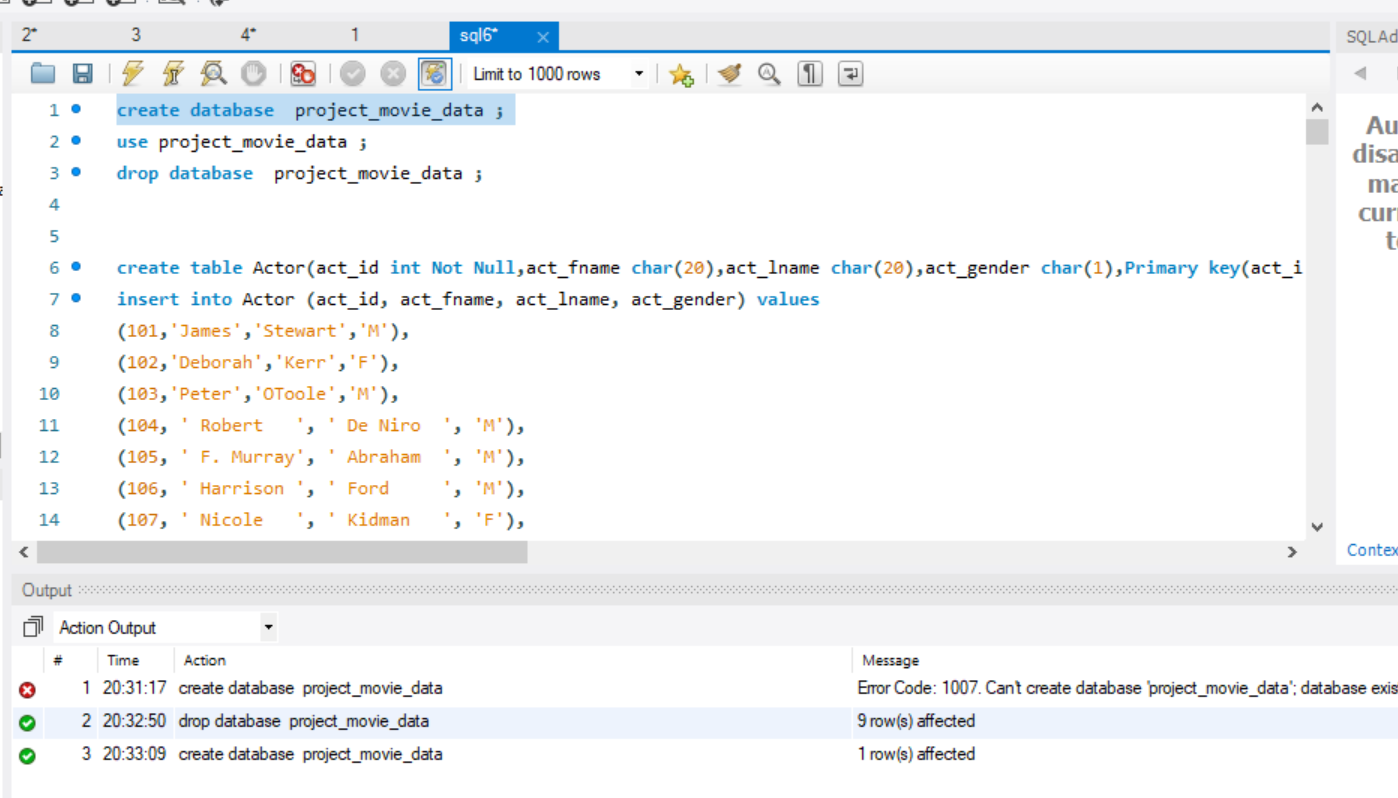
1. Create Database project\_movie\_data and deploy table data according to ER diagram.

ANS<-create database project\_movie\_data ;

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

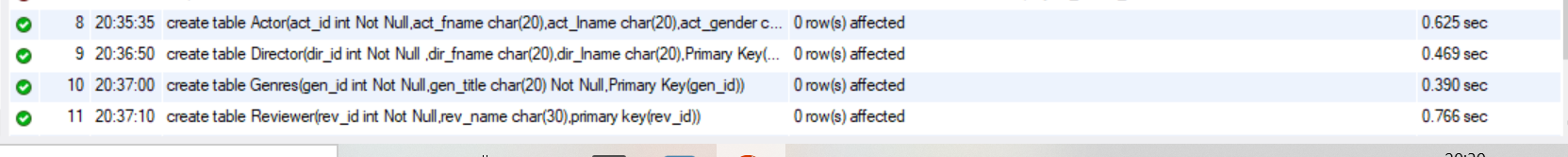
ANS->1. create table Actor(act\_id int Not Null,act\_fname char(20),act\_lname char(20),

act\_gender char(1),Primary key(act\_id));

1)create table Director(dir\_id int Not Null ,dir\_fname char(20),dir\_lname char(20),

Primary Key (dir\_id));

2)create table Genres(gen\_id int Not Null,gen\_title char(20) Not Null,Primary Key(gen\_id));

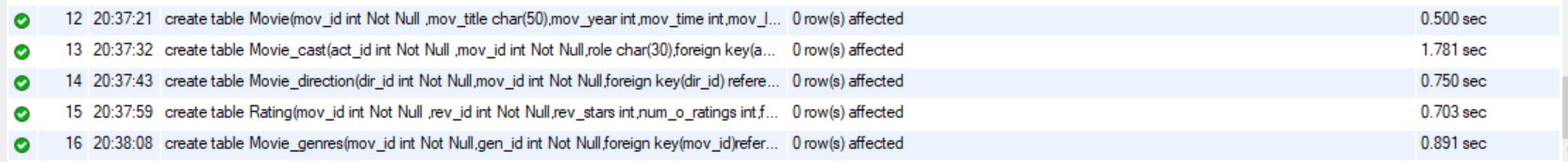
3)create table Reviewer(rev\_id int Not Null,rev\_name char(30),primary key(rev\_id));

4)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));

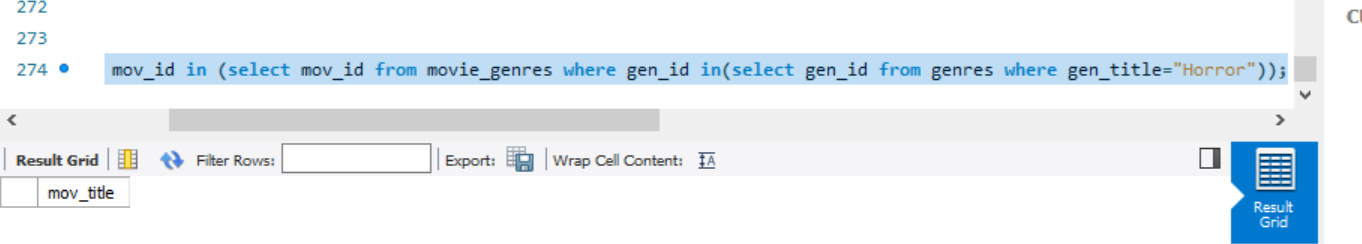
5)create table Movie\_cast(act\_id int Not Null ,mov\_id int Not Null,role char(30),foreign key(act\_id) references actor(act\_id),foreign key(mov\_id)references movie(mov\_id));

6)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));

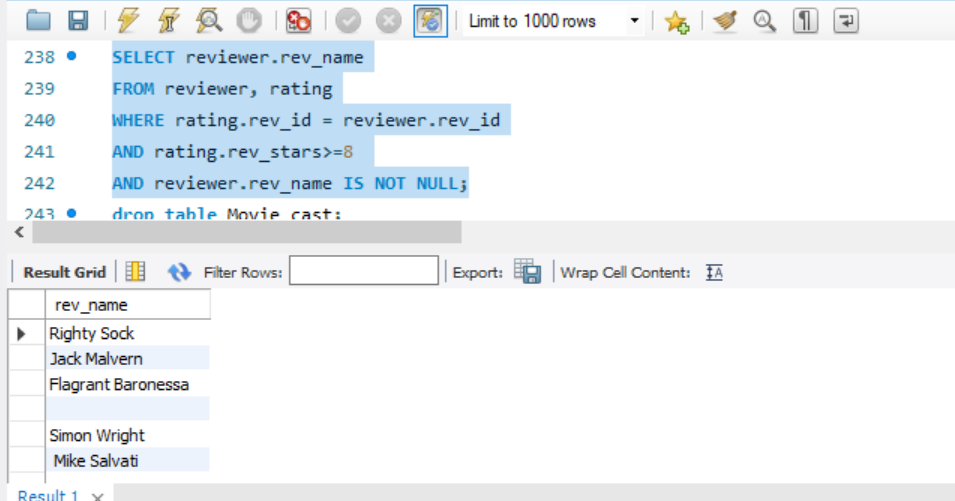
7)create table Rating(mov\_id int Not Null ,rev\_id int Not Null,rev\_stars int,num\_o\_ratings int,foreign key(mov\_id) references movie(mov\_id),foreign key(rev\_id) references reviewer(rev\_id));

8)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));

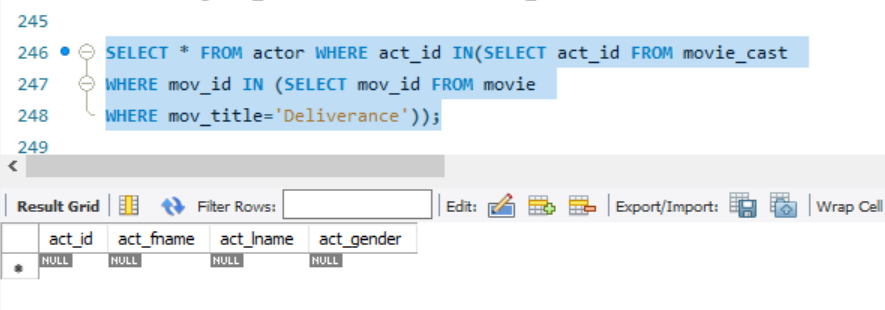
3. Write a query in SQL to list the Horror movies?



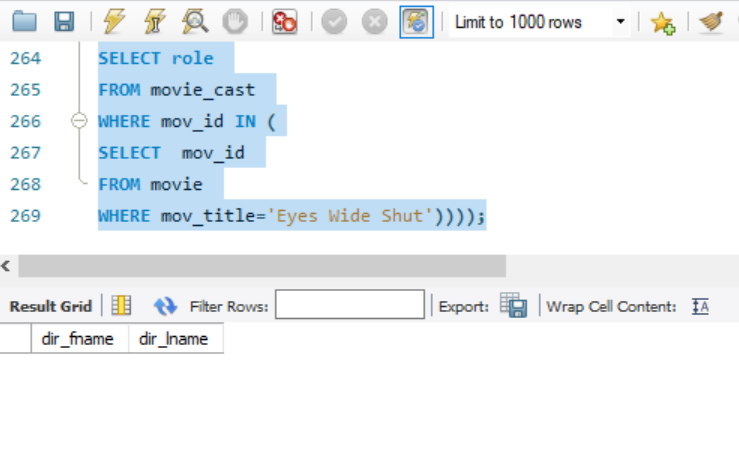
4. Write a query in SQL to find the name of all reviewers who have rated 8 or more stars?



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



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)



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’

