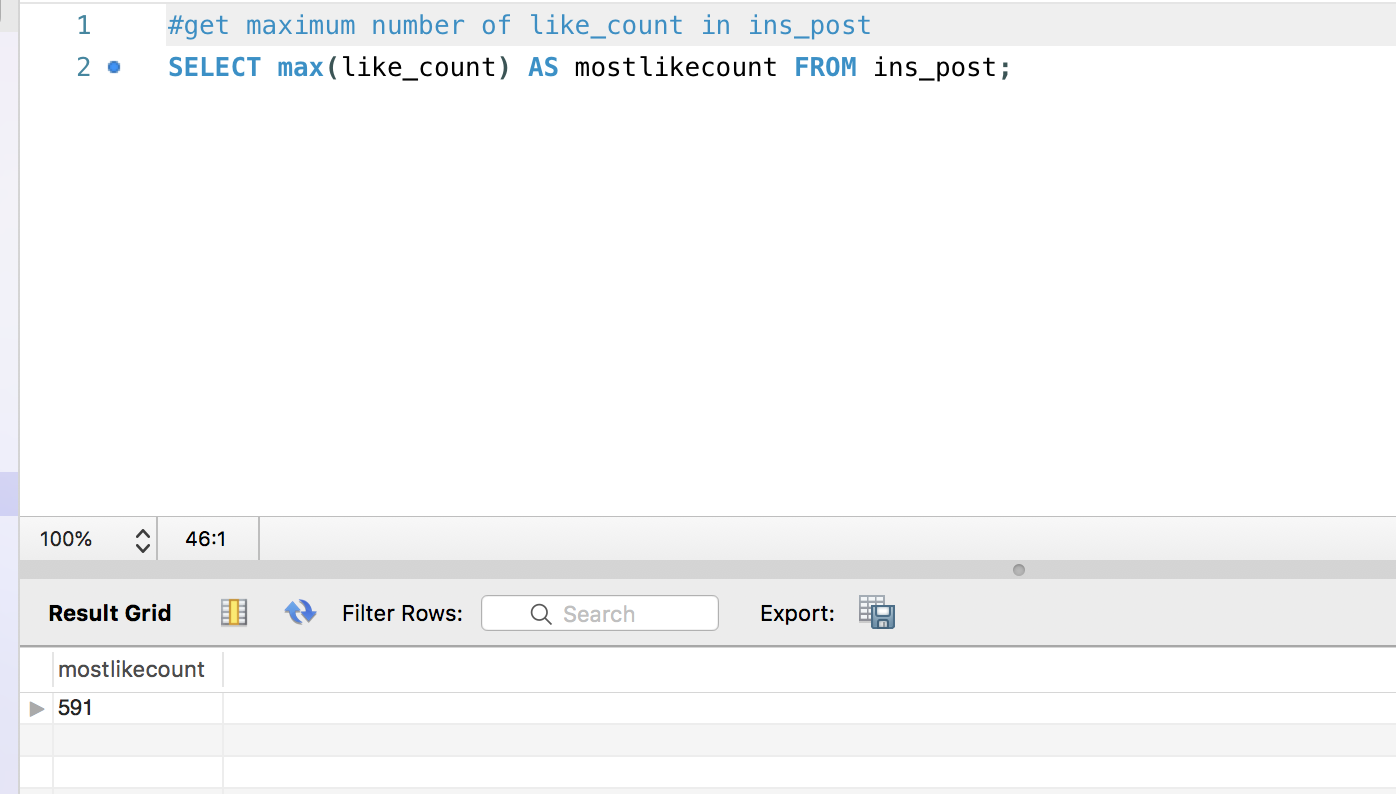
Use case

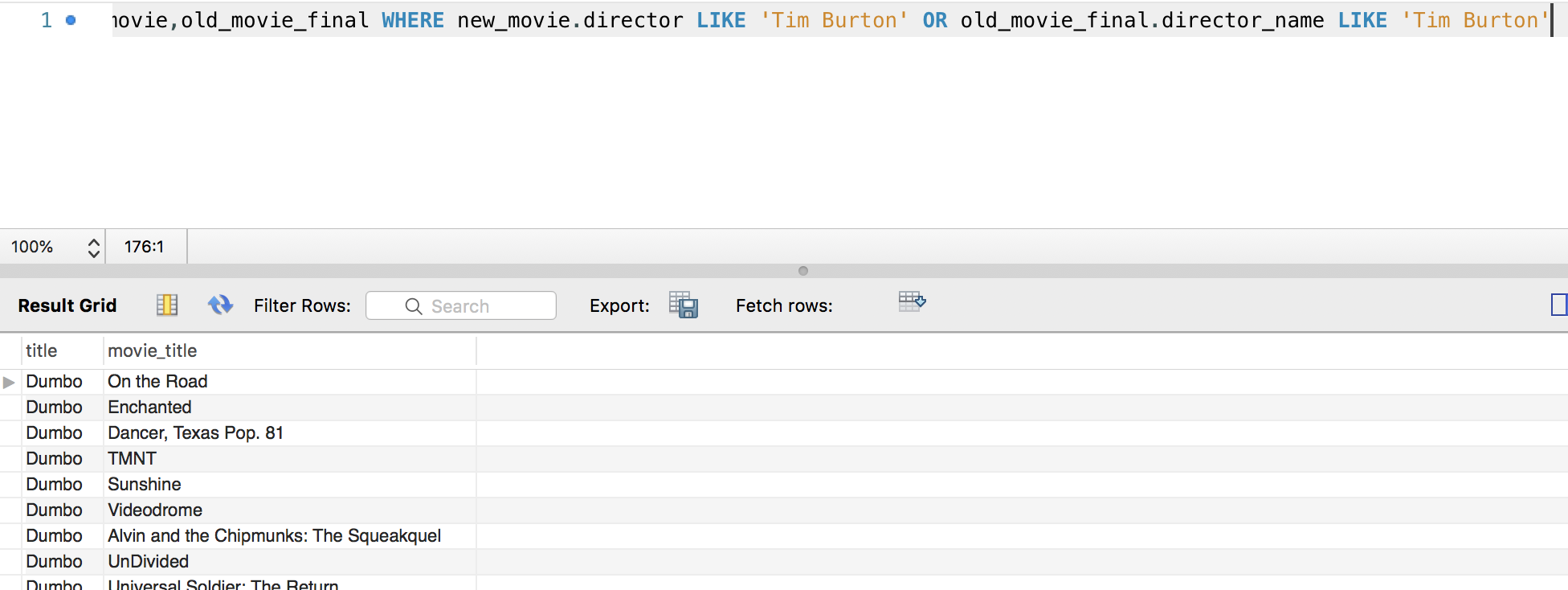
1.Find how many ‘likes’ can the most popular ins post got in our database (get maximum number of like\_count in ins\_post)



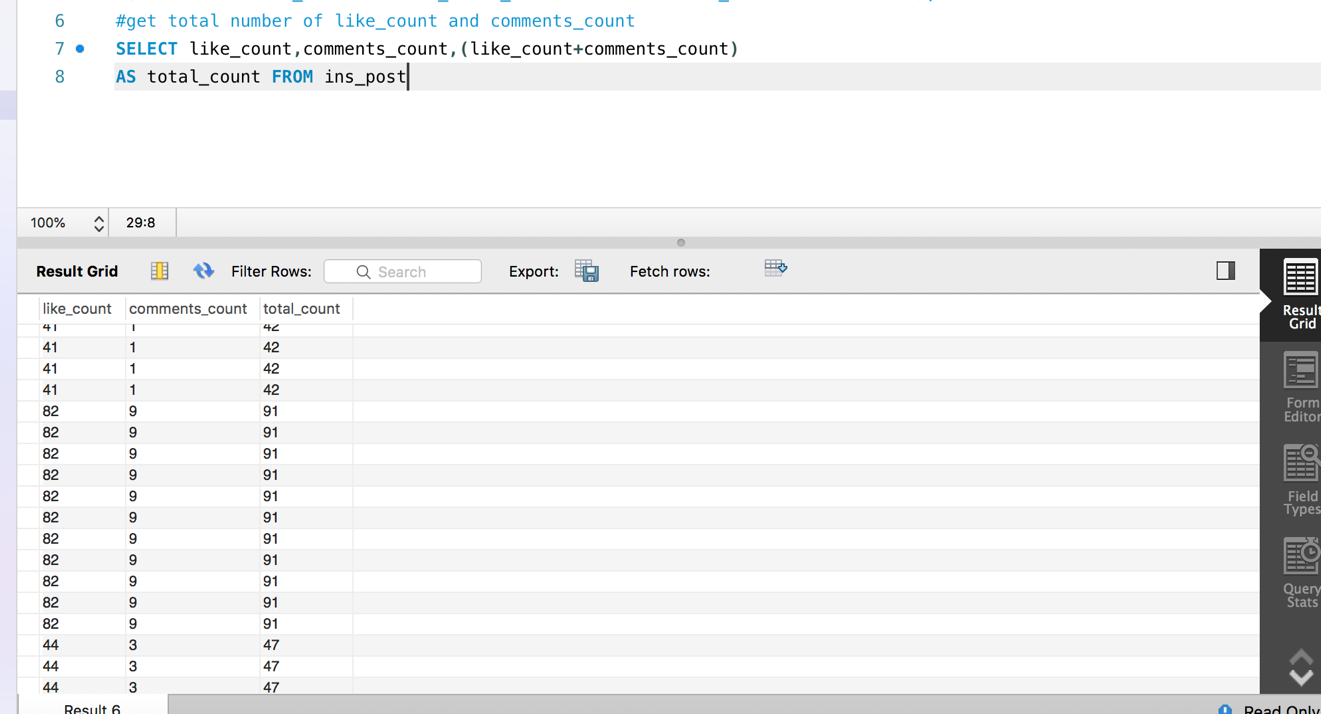
2.Find all movies produced by a specific director:

(his/her new movie on the left, his/her old movie on the right)

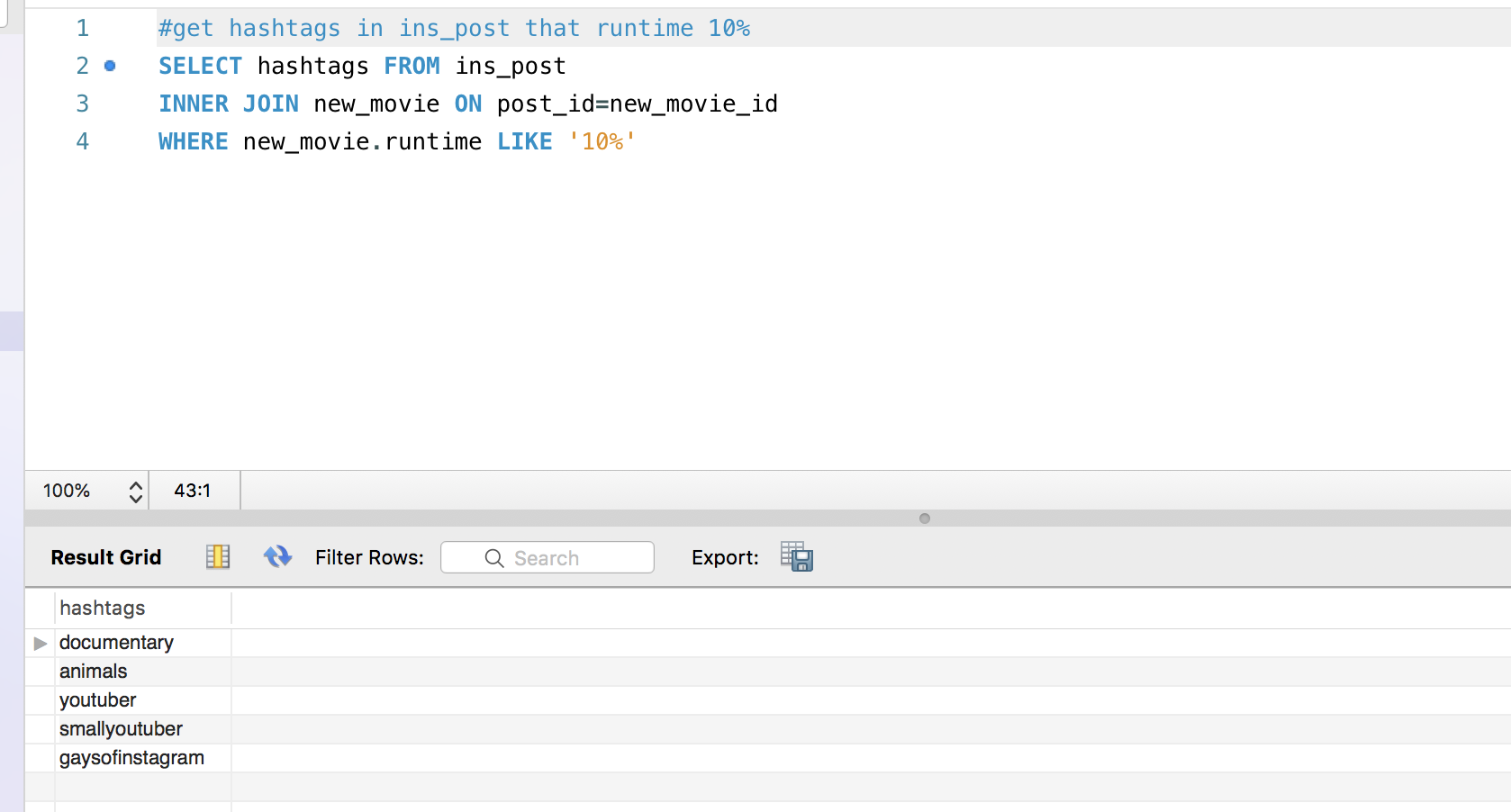
SELECT new\_movie.title,old\_movie\_final.movie\_title FROM new\_movie,old\_movie\_final WHERE new\_movie.director LIKE 'Tim Burton' OR old\_movie\_final.director\_name LIKE 'Tim Burton'



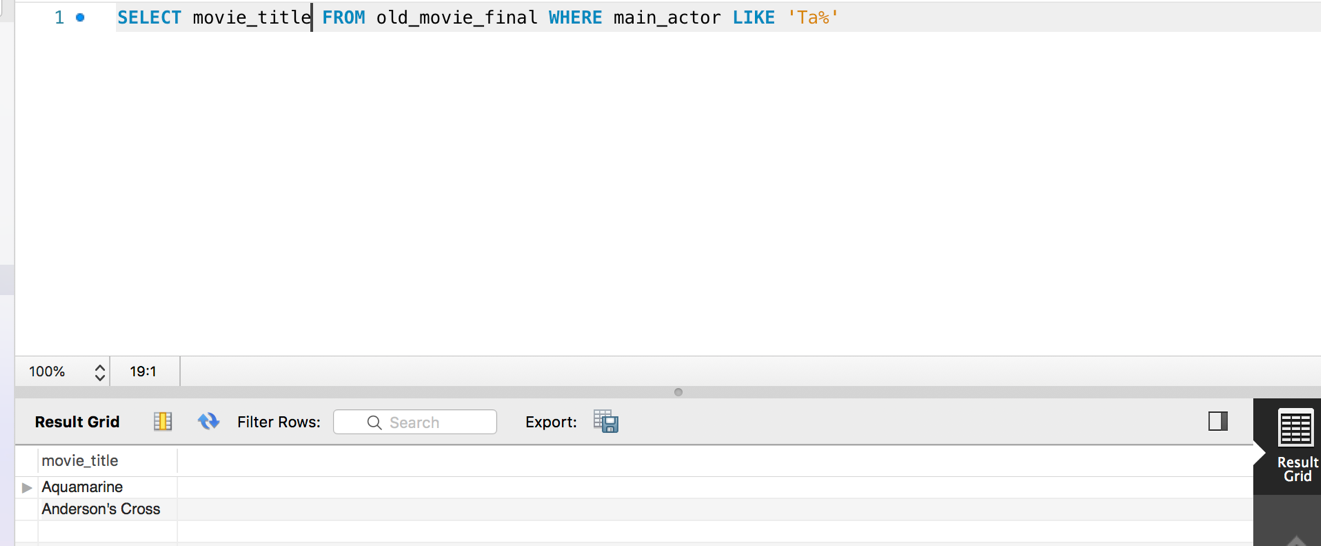
3. get total number of like\_count and comments\_count



4.get hashtags in ins\_post that runtime 10%

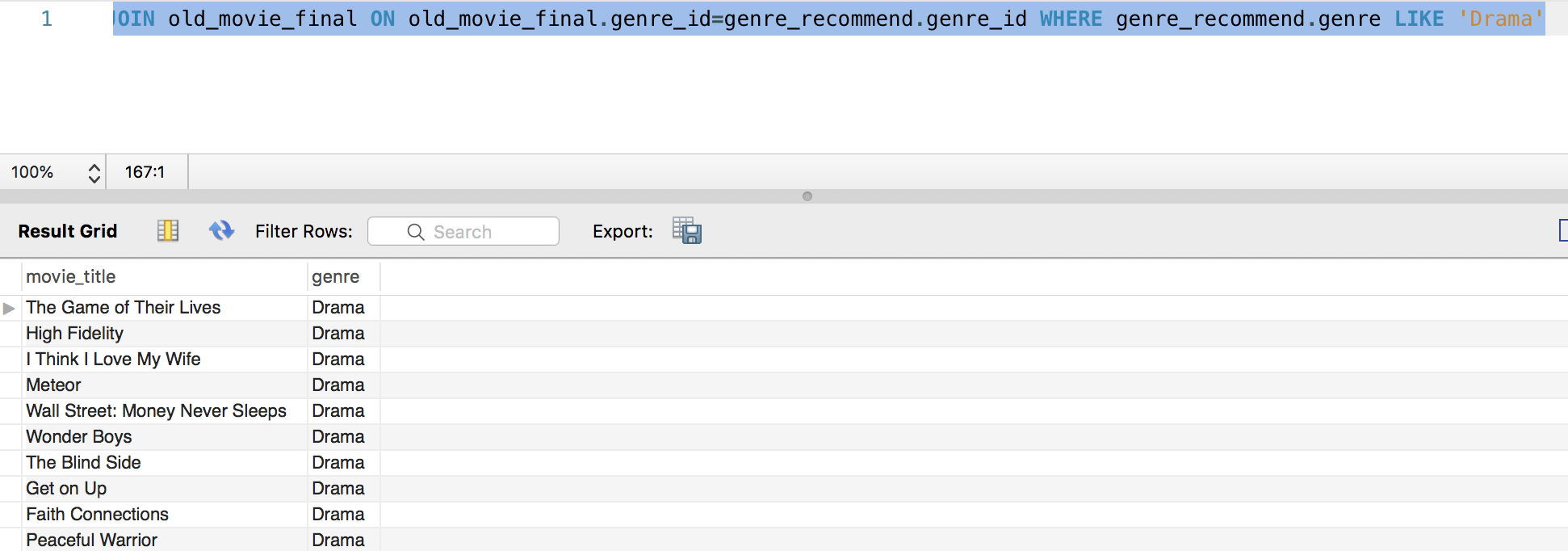


5.#get movie\_title that actor name start with Ta%



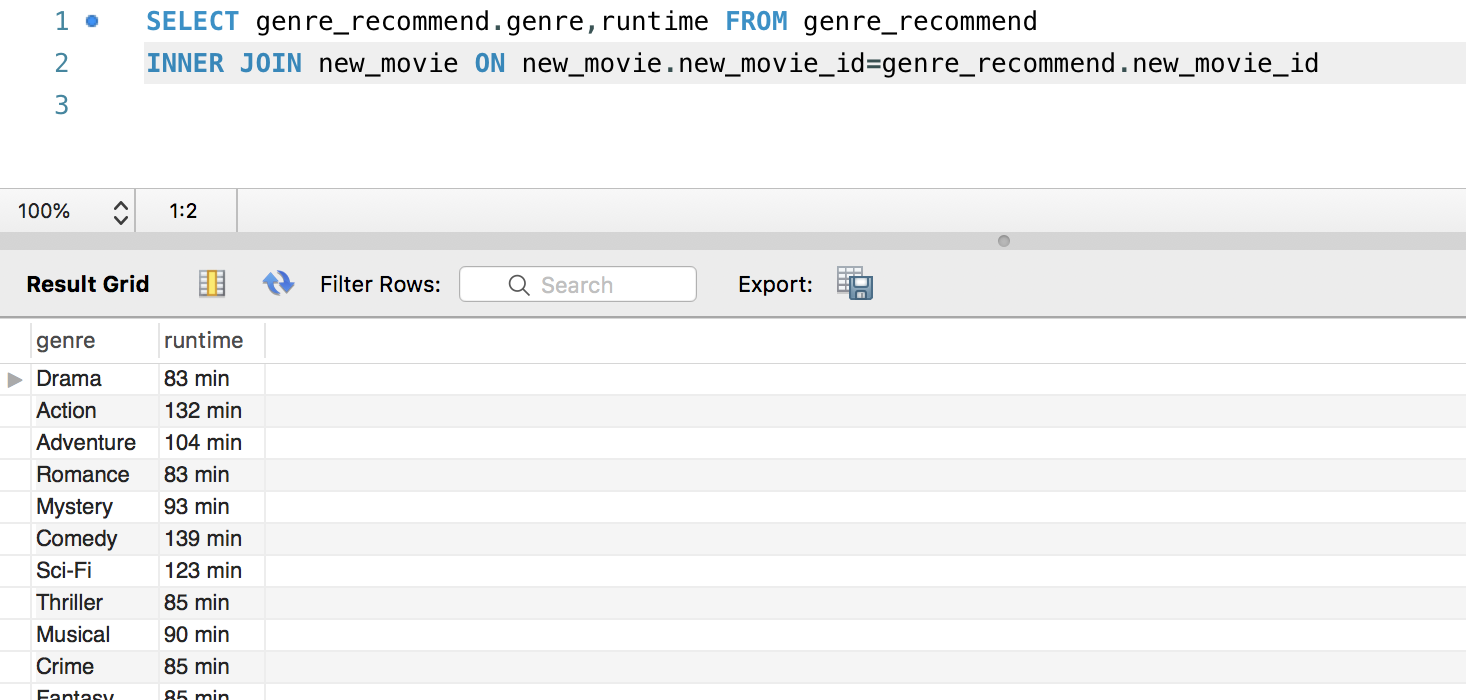
6.Find all old Drama movies by joining genre table and old movie table

SELECT movie\_title,genre FROM genre\_recommend INNER JOIN old\_movie\_final ON old\_movie\_final.genre\_id=genre\_recommend.genre\_id WHERE genre\_recommend.genre LIKE 'Drama'



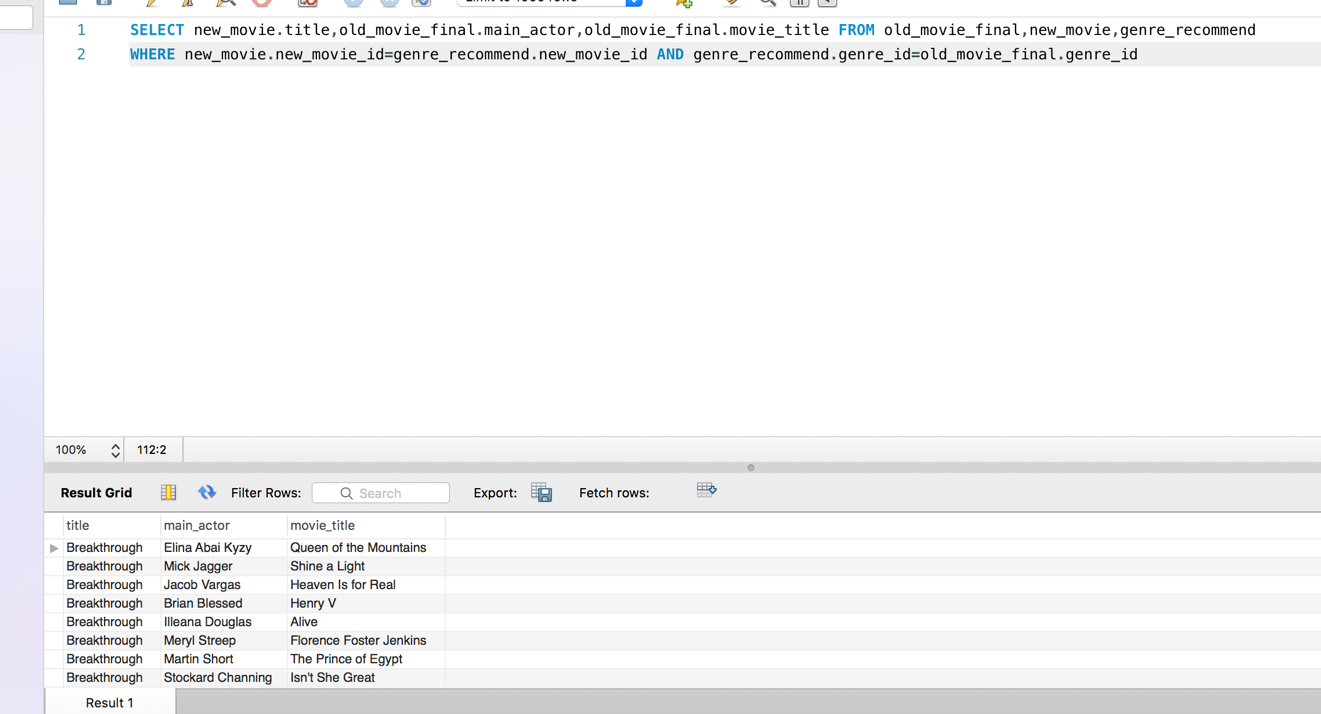
7.Find the running time for different genre by joining 2 tables

SELECT genre\_recommend.genre,runtime FROM genre\_recommend INNER JOIN new\_movie ON new\_movie.new\_movie\_id=genre\_recommend.new\_movie\_id



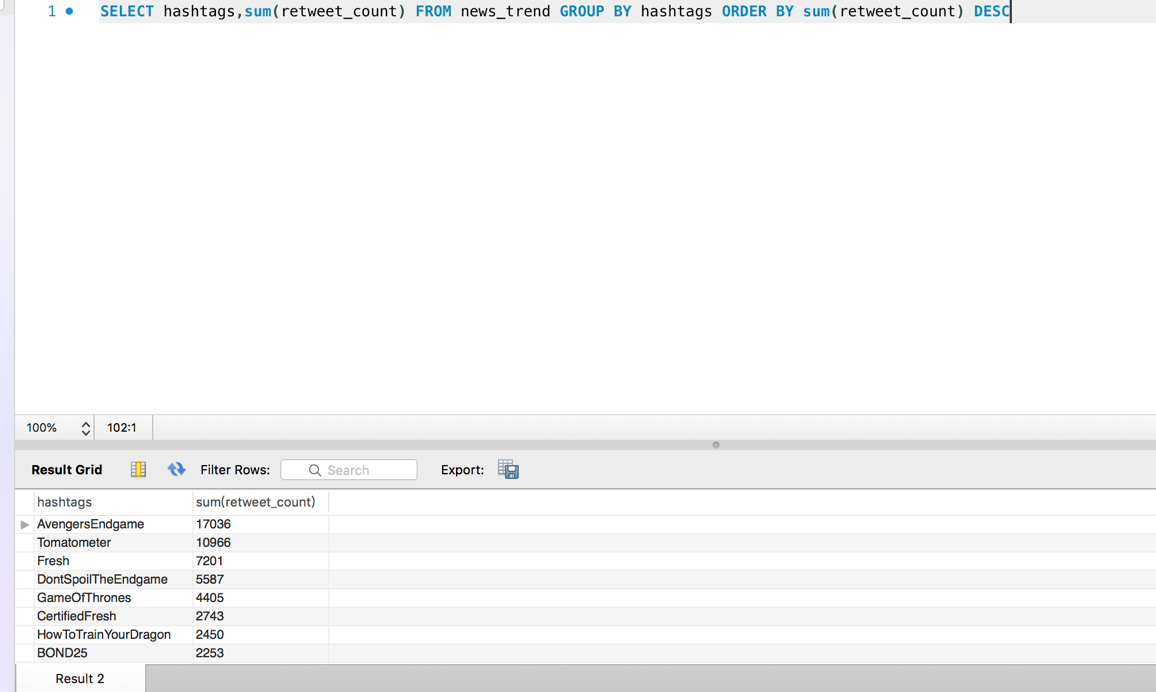
8. find actors of in-theater movies and find what movie they have joined before by joining 3 tables

SELECT new\_movie.title, old\_movie\_final.main\_actor, old\_movie\_final.movie\_title FROM old\_movie\_final,new\_movie,genre\_recommend WHERE new\_movie.new\_movie\_id = genre\_recommend.new\_movie\_id AND genre\_recommend.genre\_id = old\_movie\_final.genre\_id



9. Find the most popular hashtag, show them in descrete order

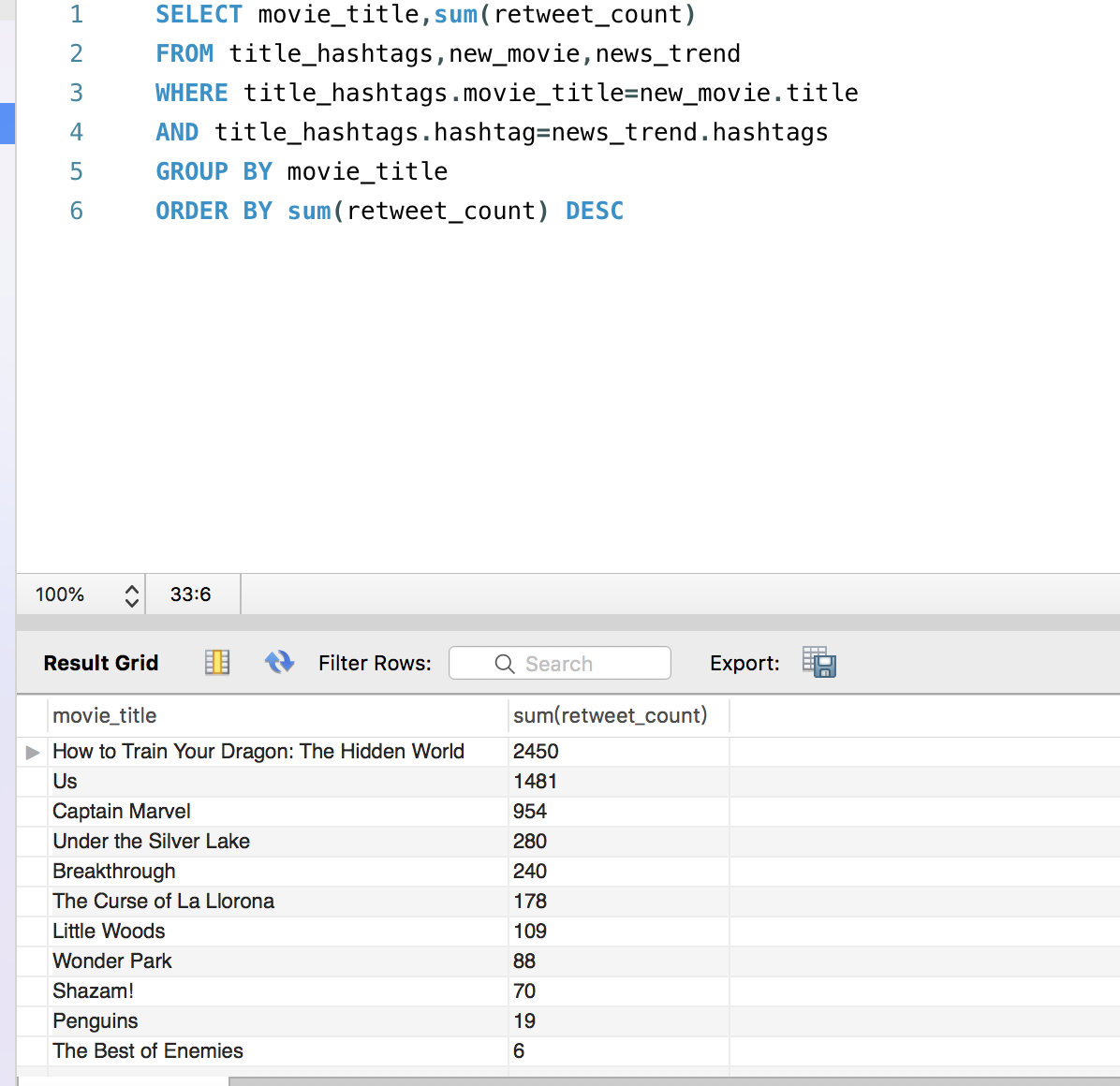
SELECT hashtags,sum(retweet\_count) FROM news\_trend GROUP BY hashtags ORDER BY sum(retweet\_count) DESC



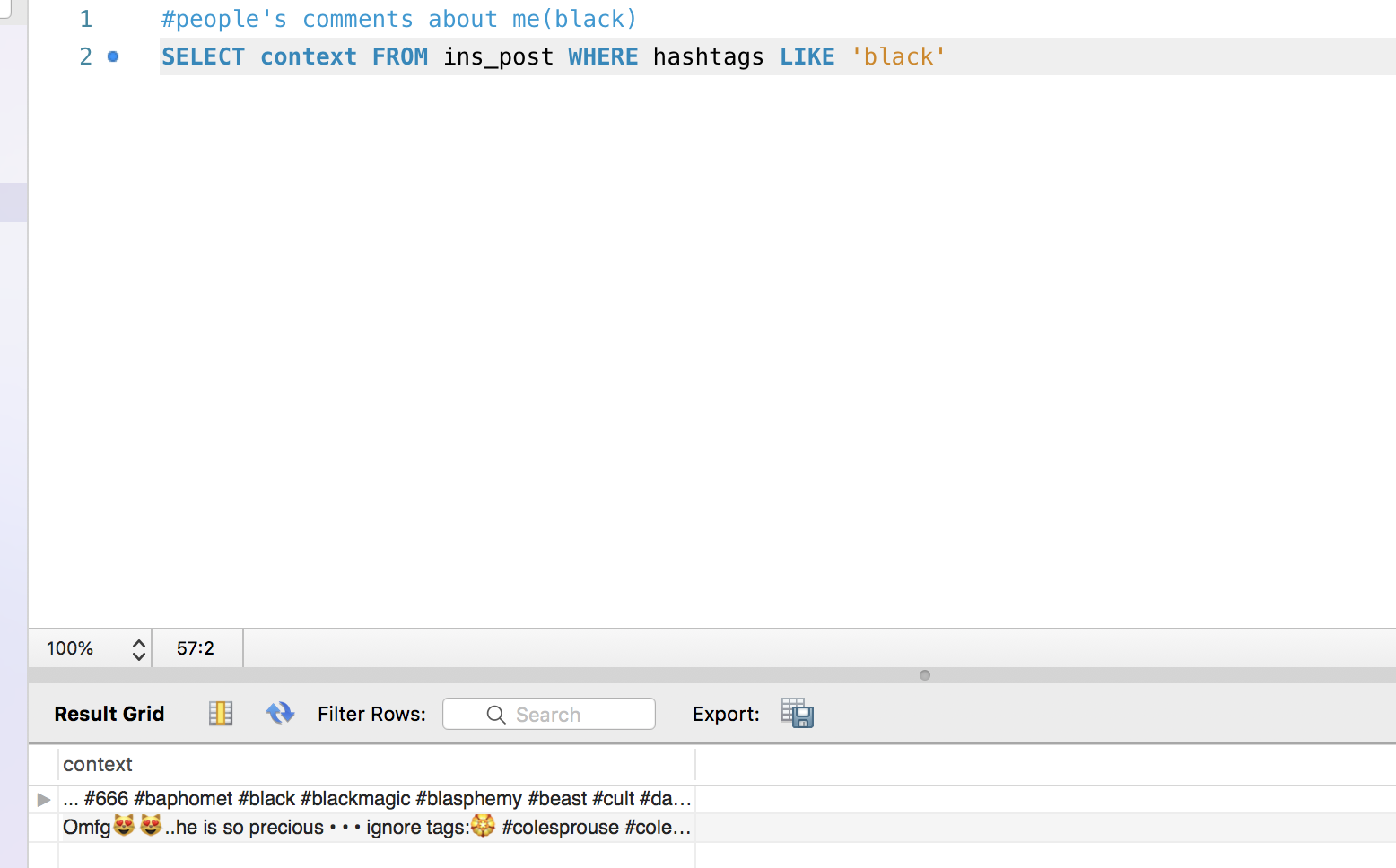
10. The most popular movies

SELECT movie\_title,sum(retweet\_count) FROM title\_hashtags,new\_movie,news\_trend WHERE title\_hashtags.movie\_title=new\_movie.title AND title\_hashtags.hashtag=news\_trend.hashtags

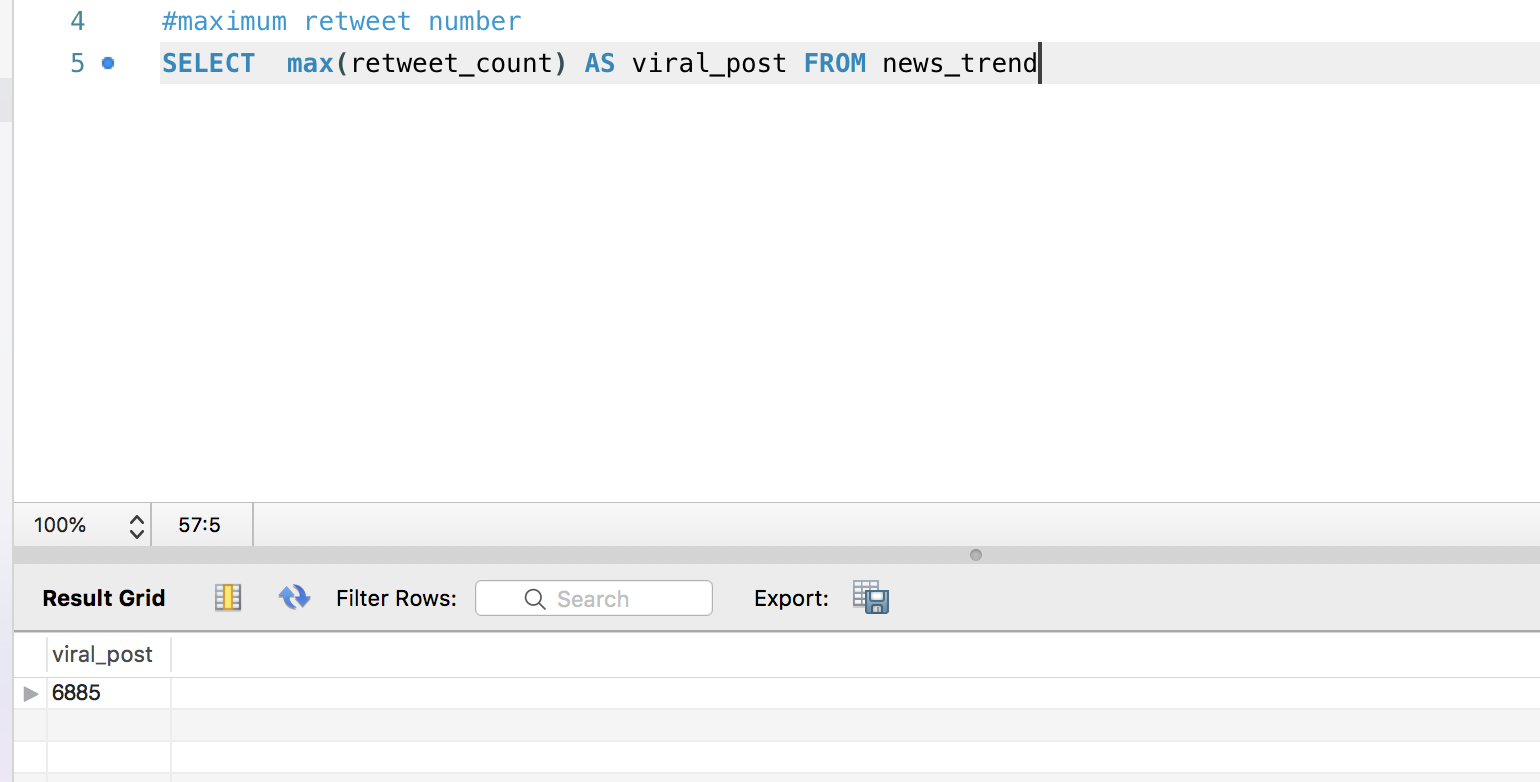
GROUP BY movie\_title. ORDER BY sum(retweet\_count) DESC



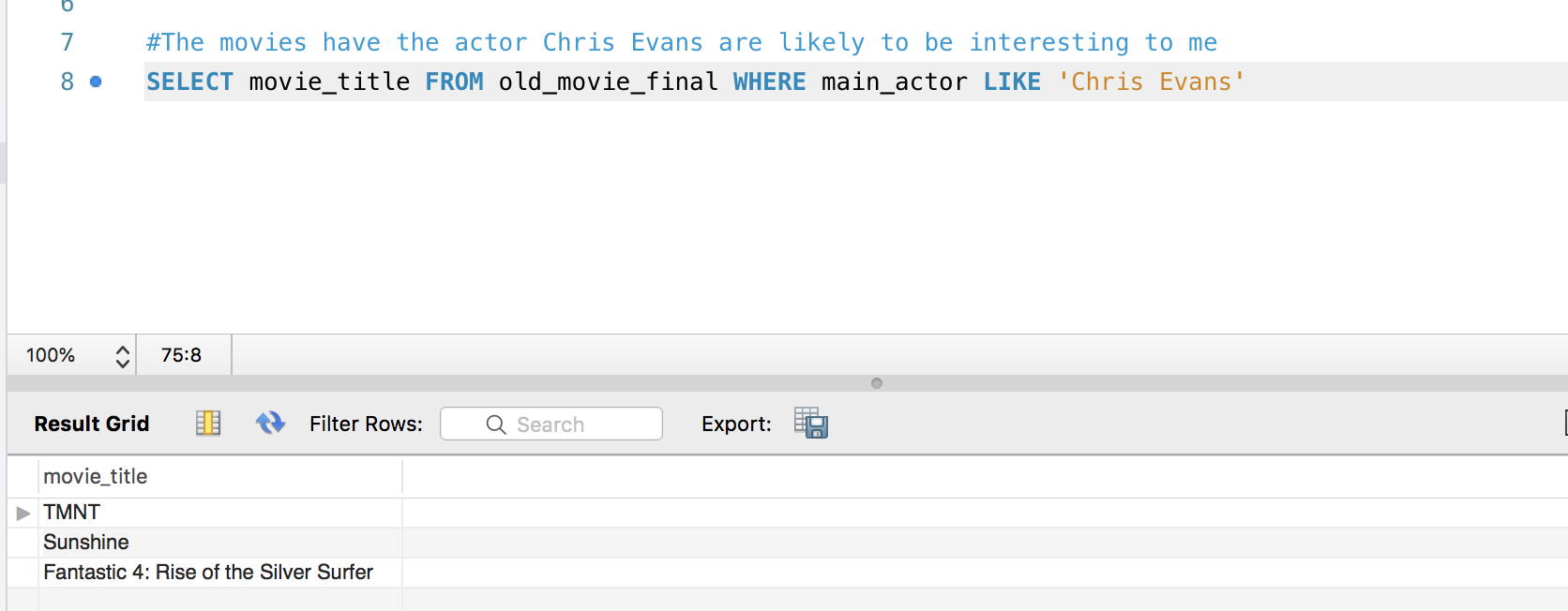
Answer questions

1.What are people saying about me (somebody)?

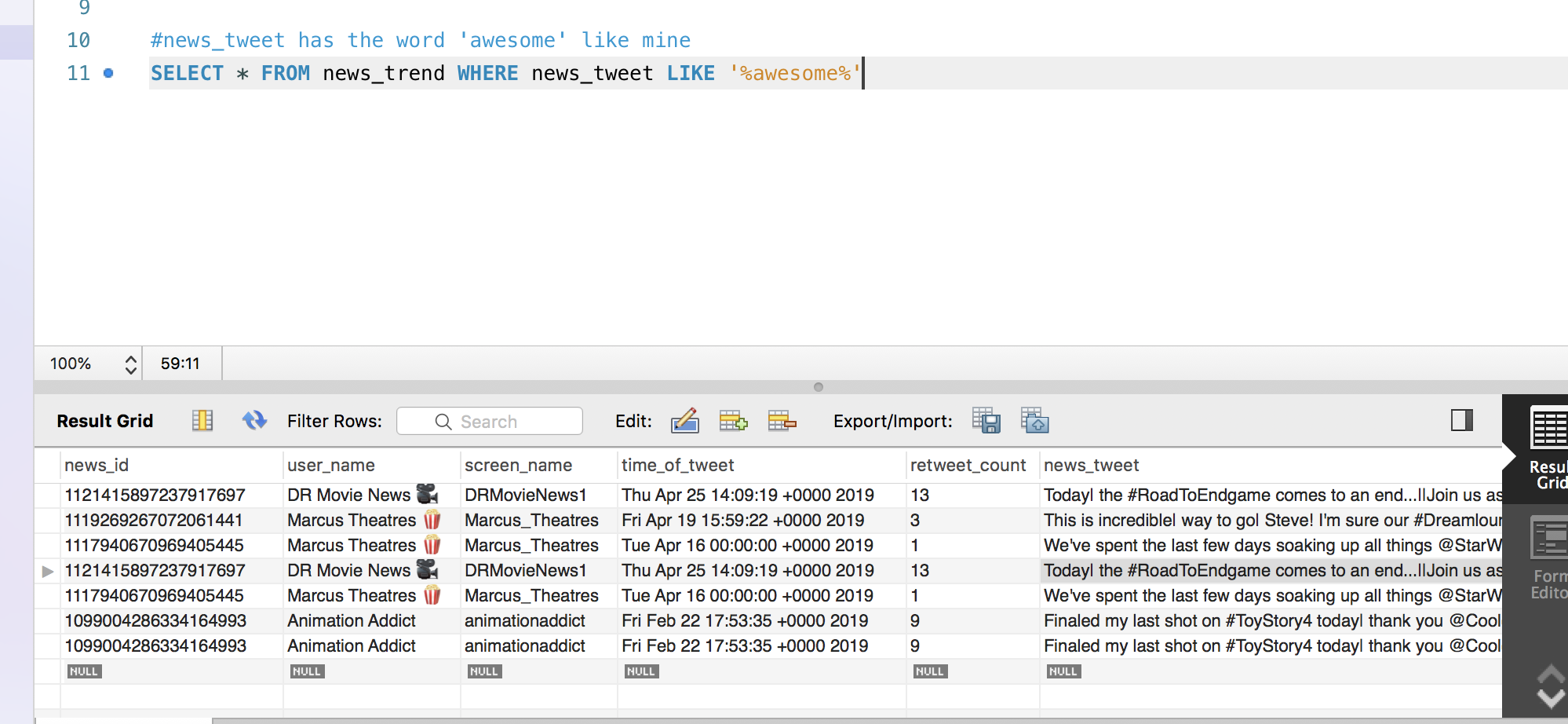
2.How viral are my post?

6885 retweet, so viral!!

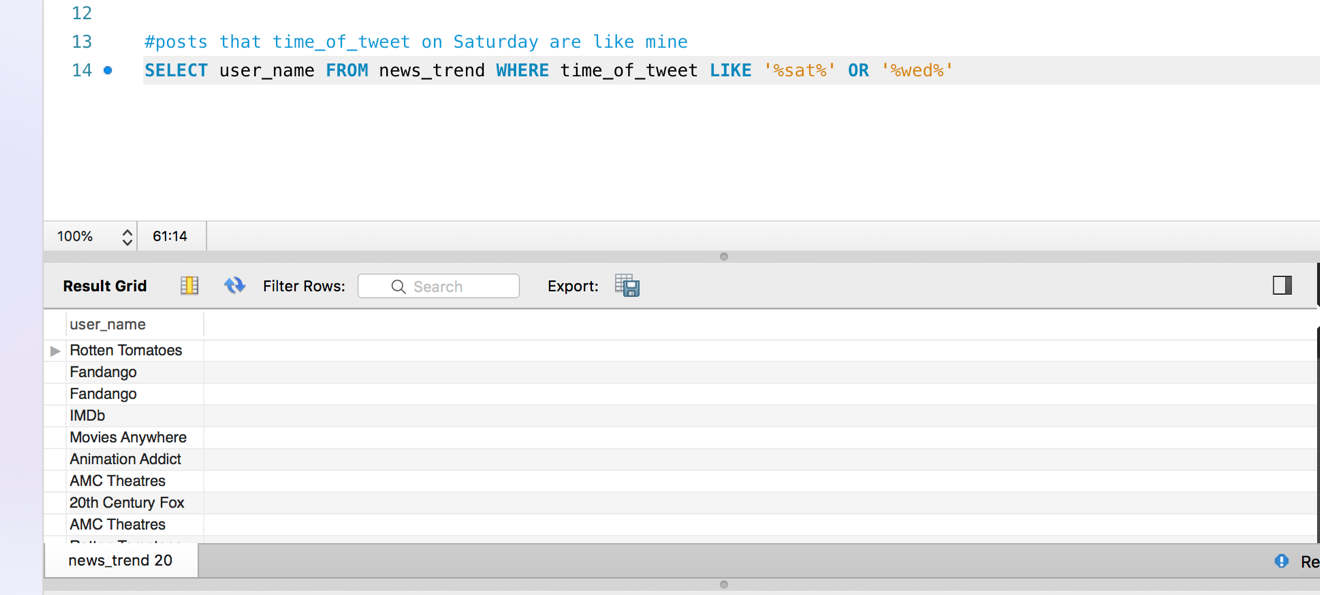
3.What posts are likely to be interesting to me?



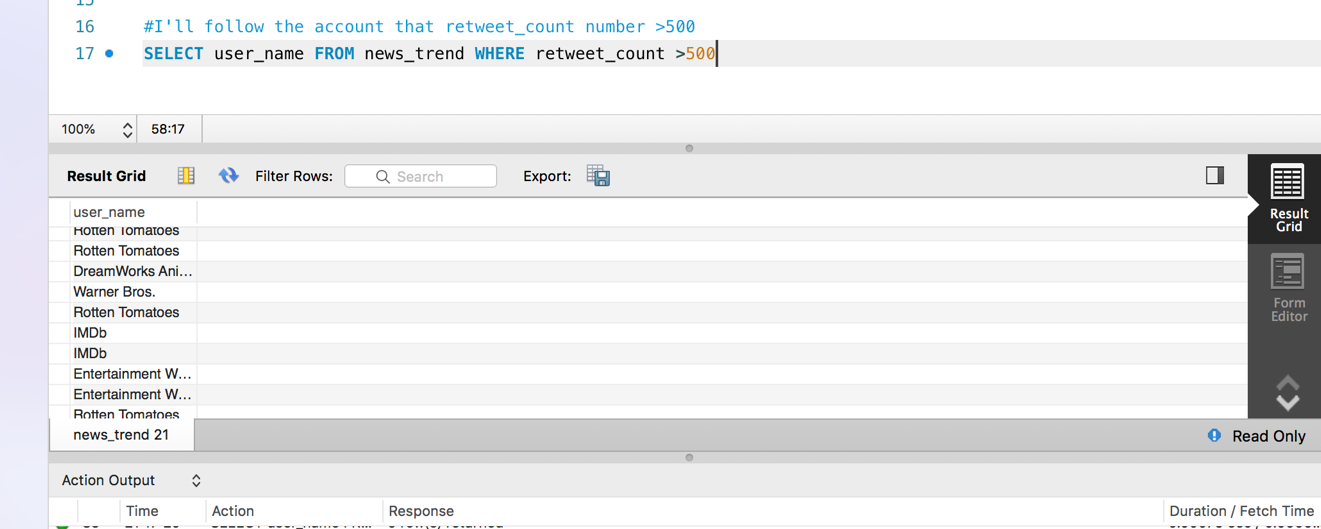
4.What posts are like mine?



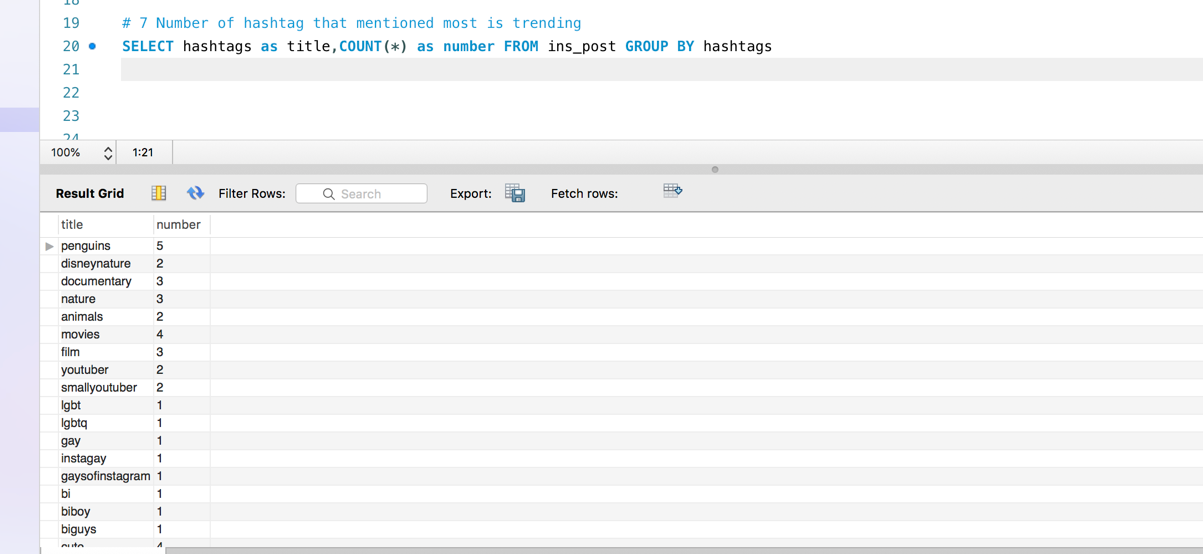
5.What users post like me?

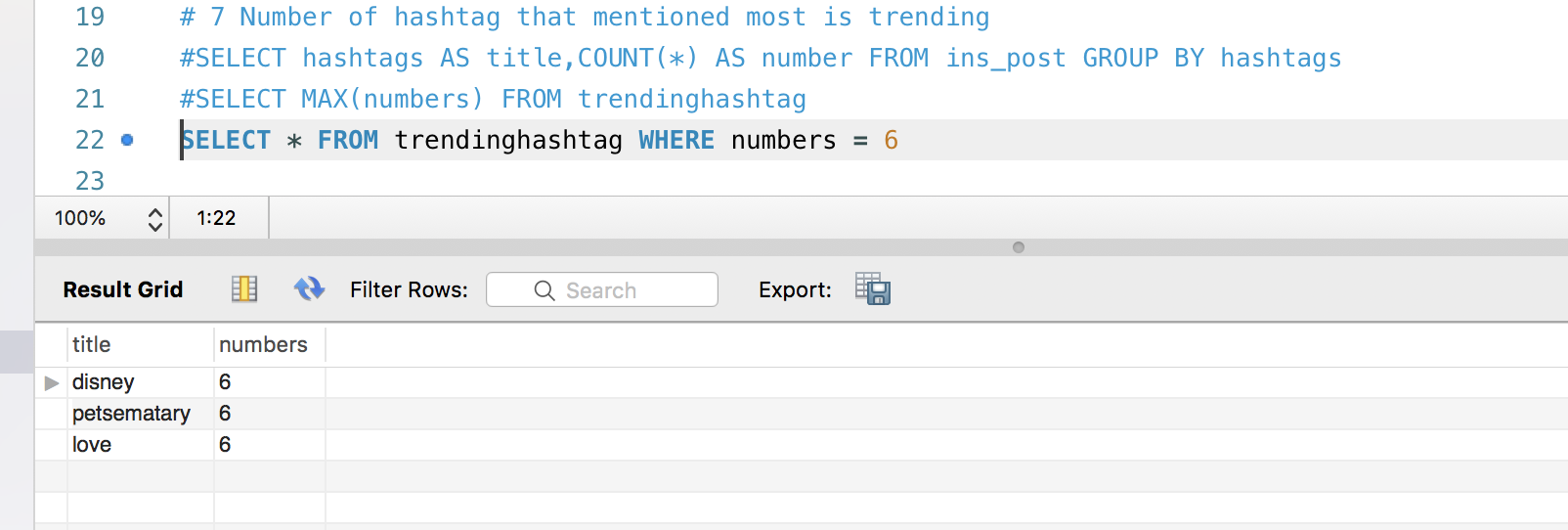


6.Who should I be following?



7.What topics are trending in my domain?

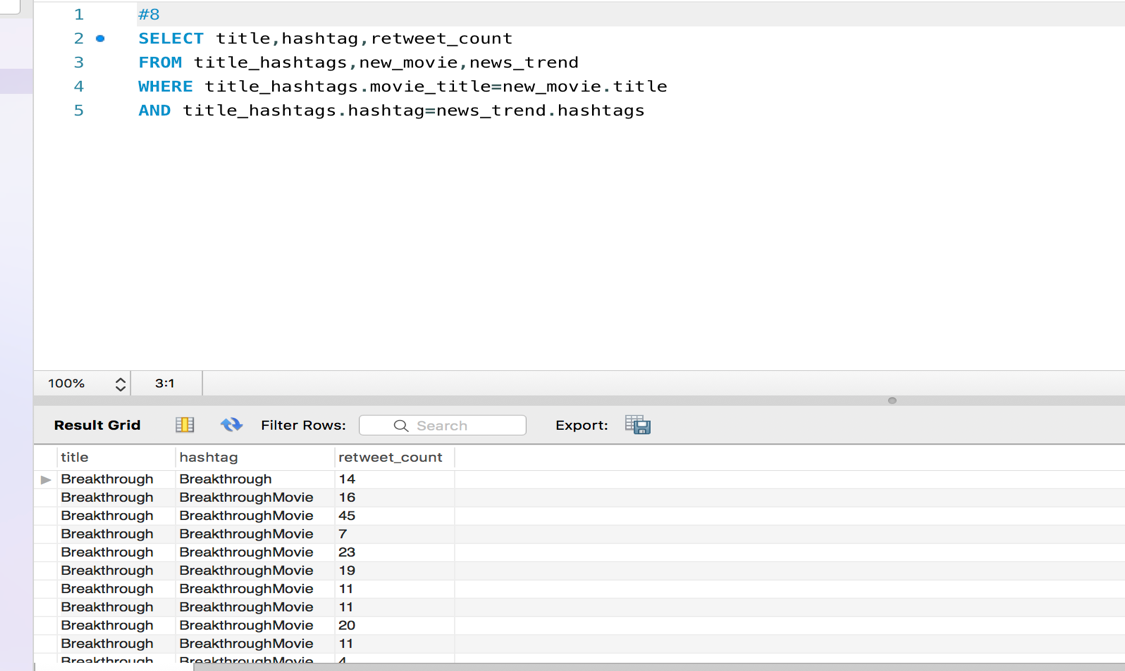




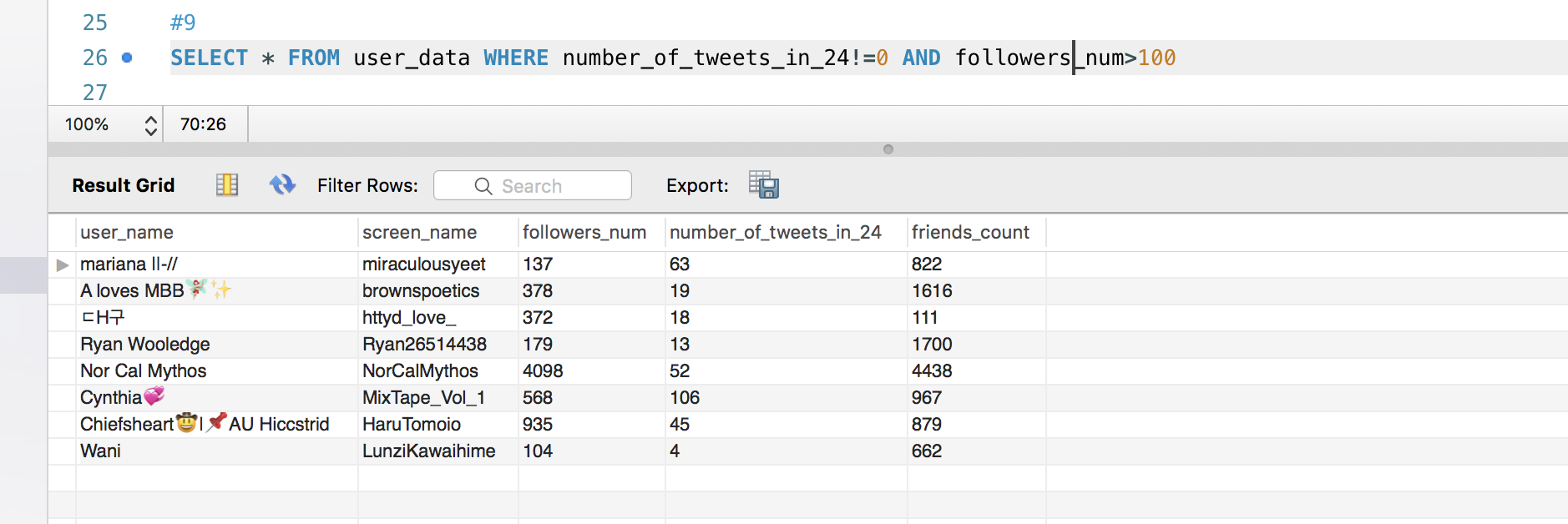
8.What keywords/hashtags should I add to my post?

SELECT title,hashtag,retweet\_count FROM title\_hashtags,new\_movie,news\_trend

WHERE title\_hashtags.movie\_title=new\_movie.titleANDtitle\_hashtags.hashtag=news\_trend.hashtags

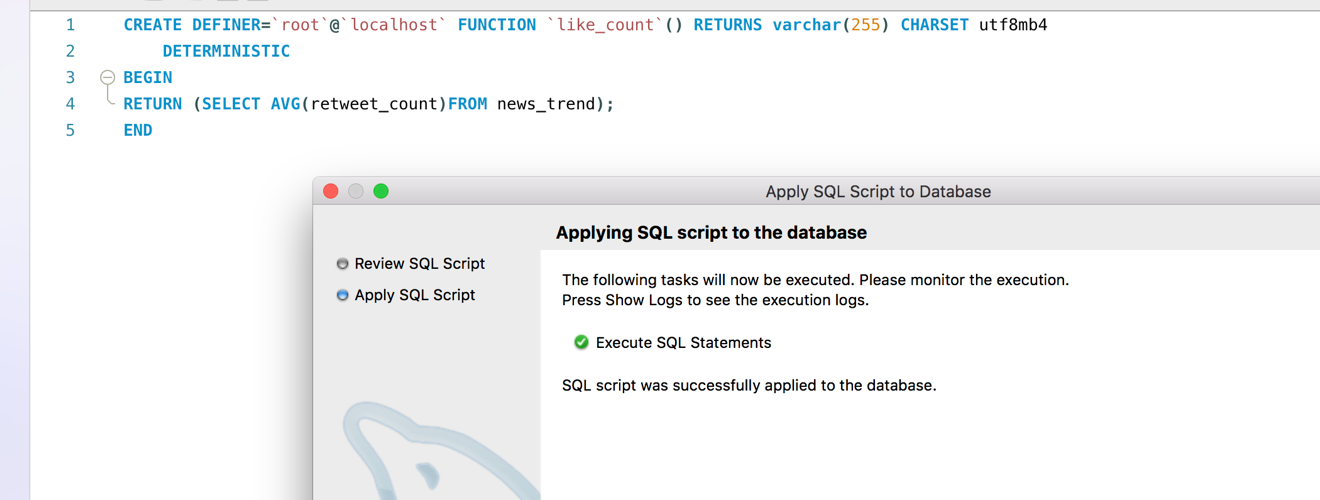
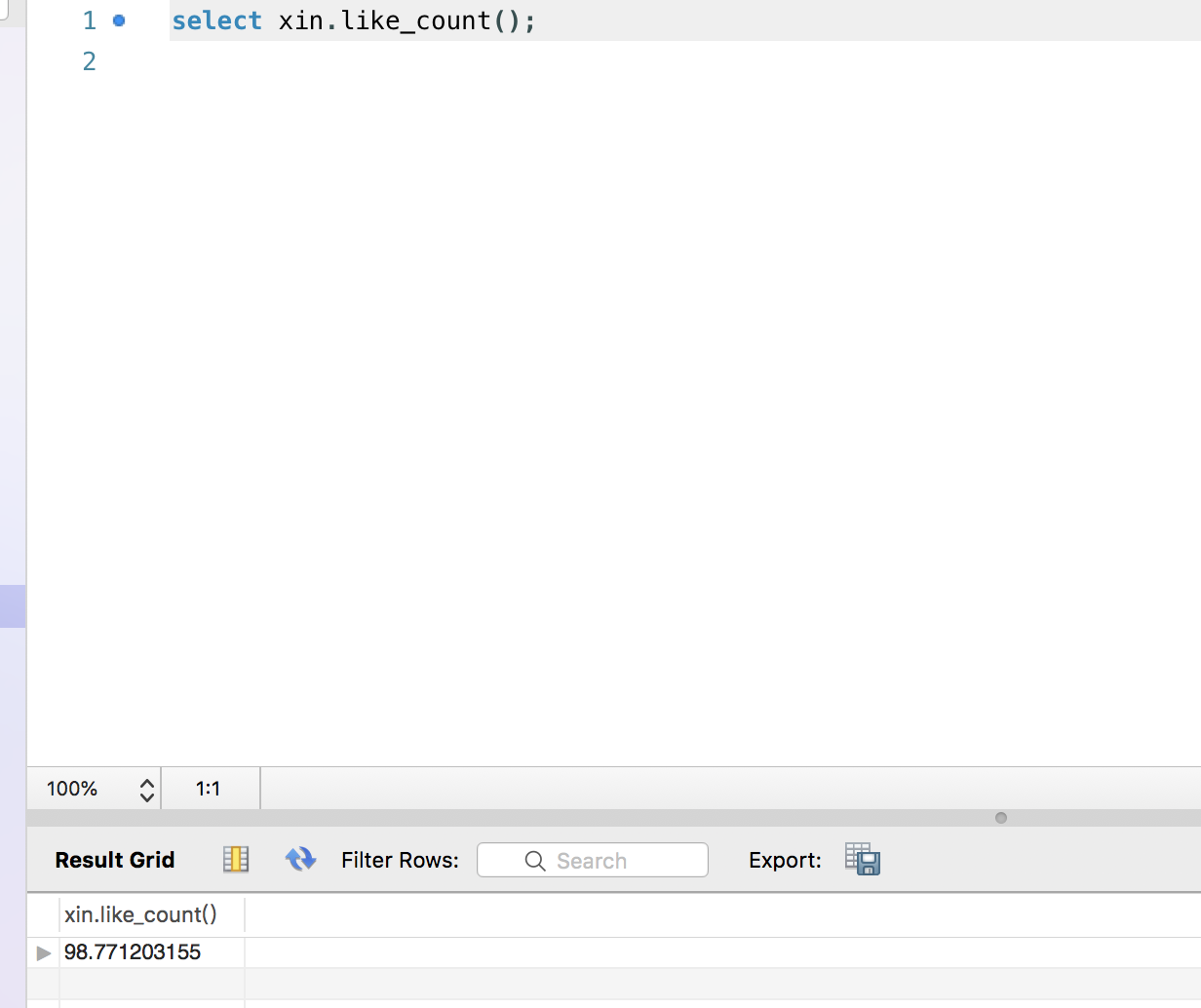


9.Should I follow somebody back?

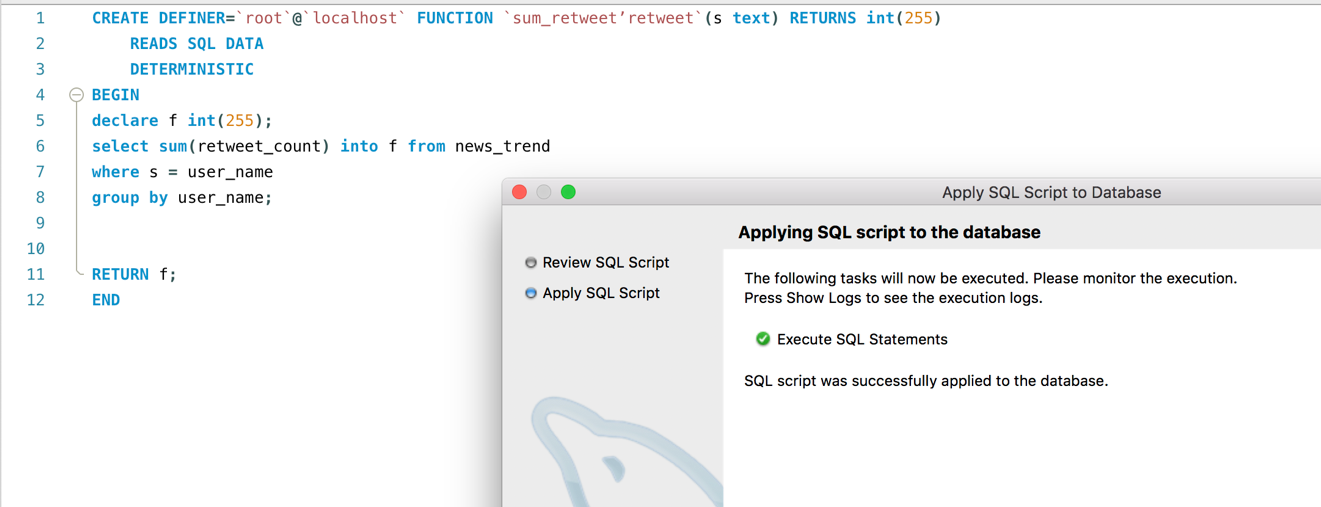


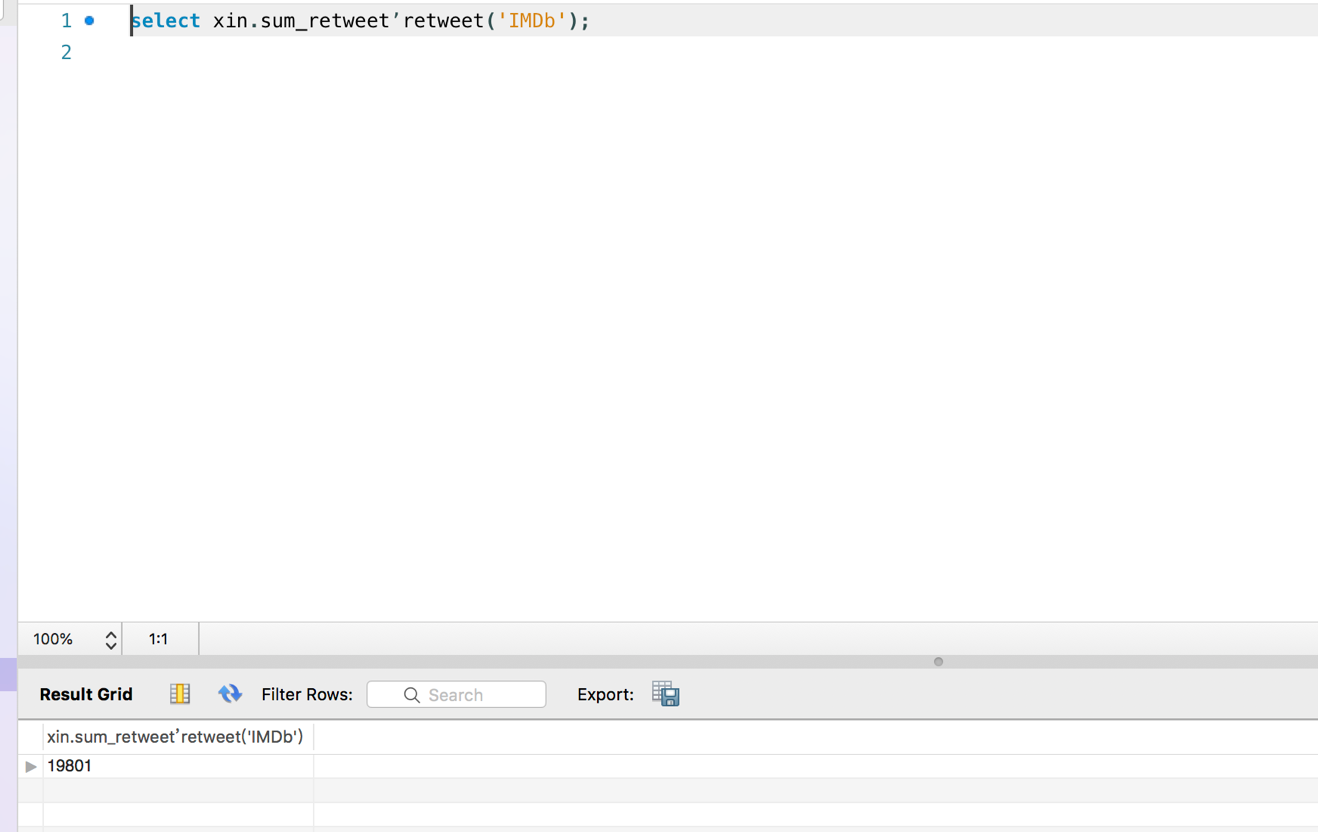
Function

1.get average number of retweet

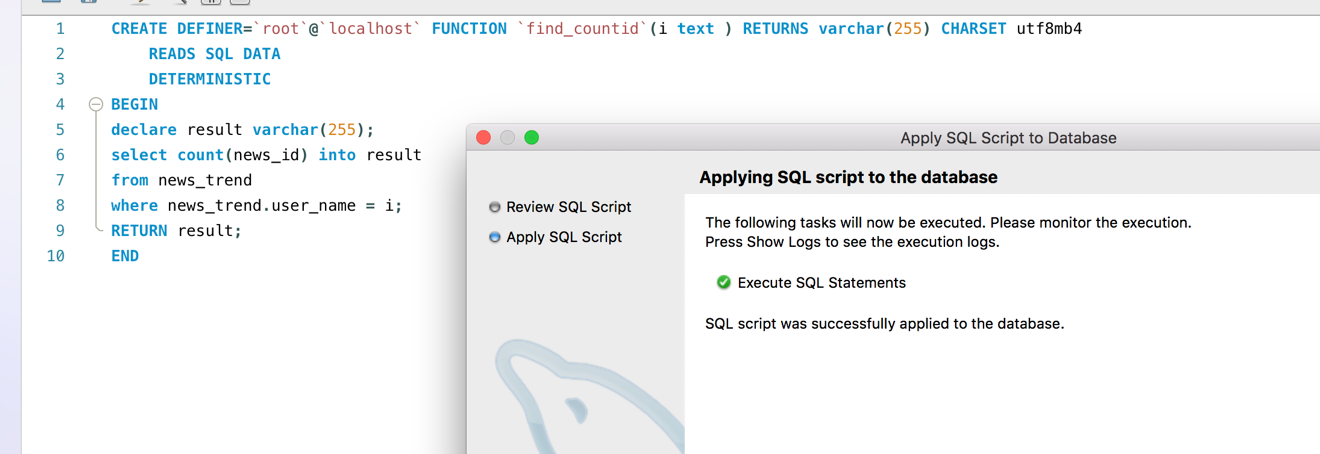


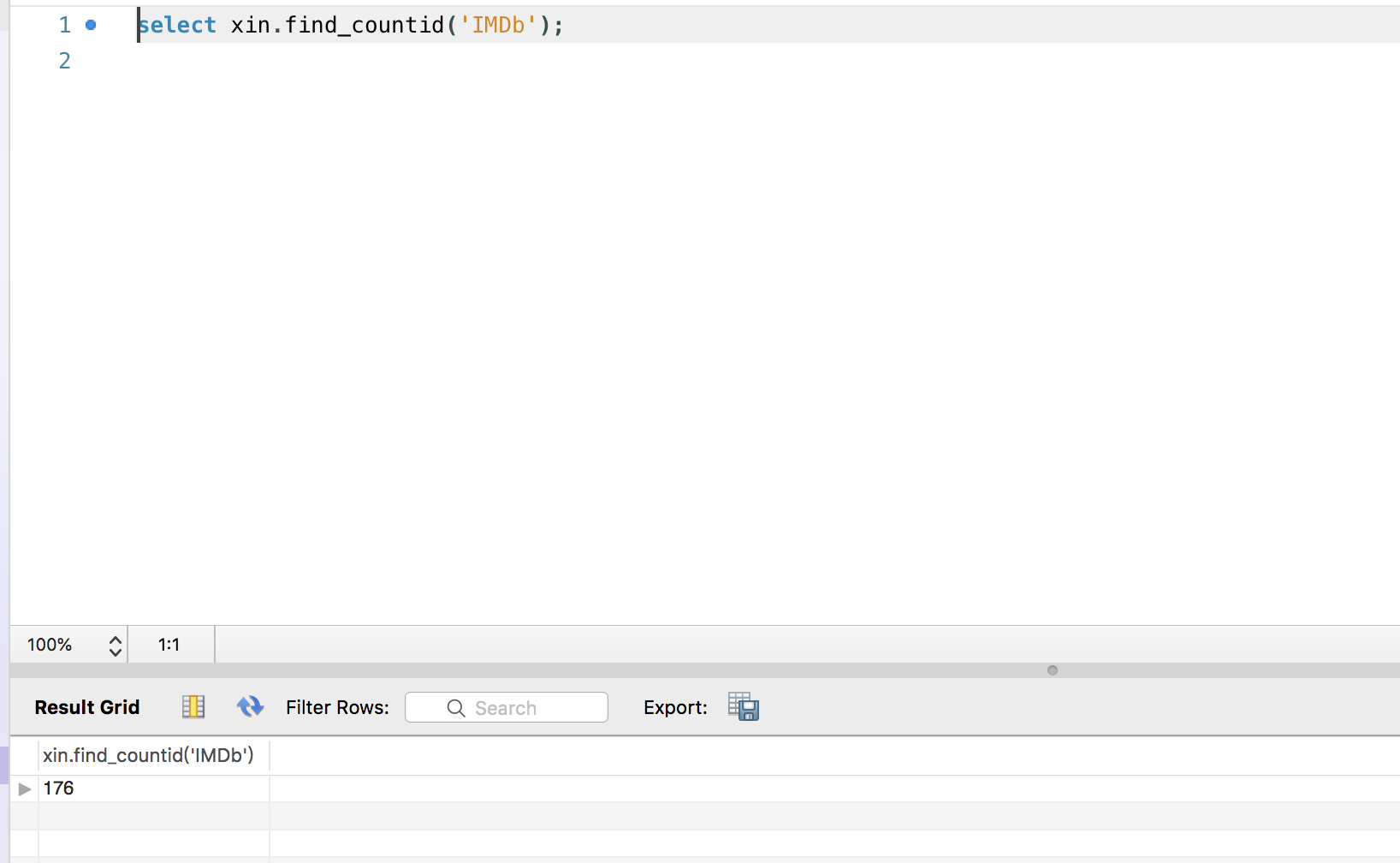
2.Sum of retweet\_count by search user\_name





3. number of count\_id when user\_name is IMDb





4. class of retweet\_count

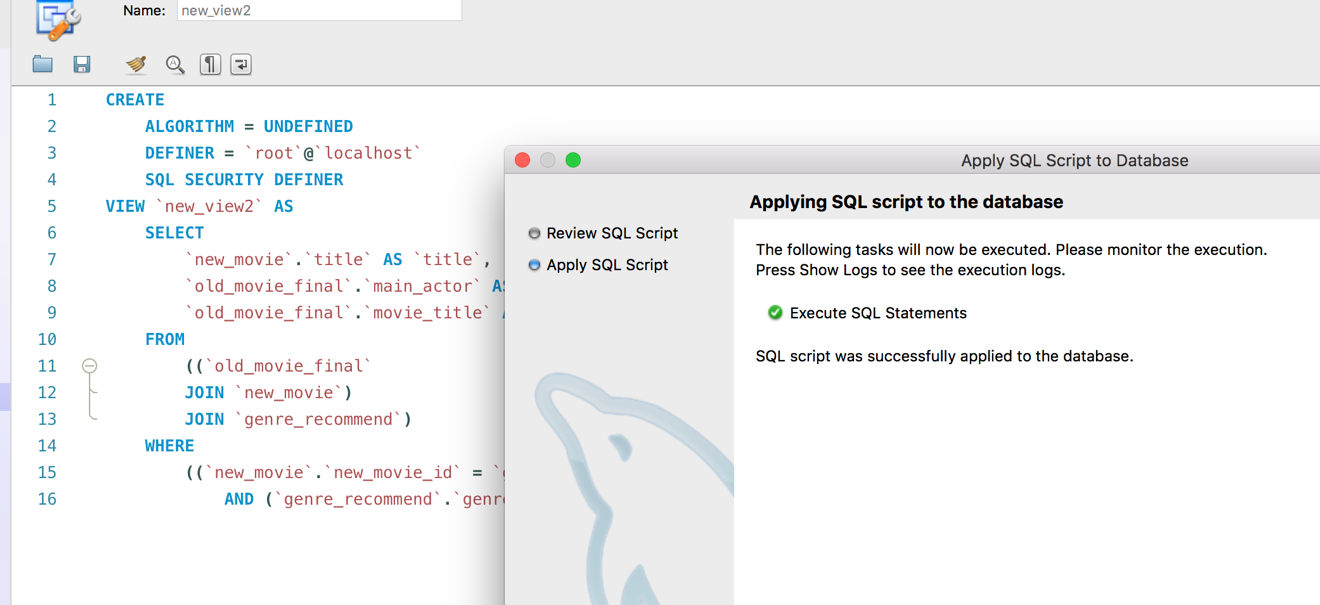


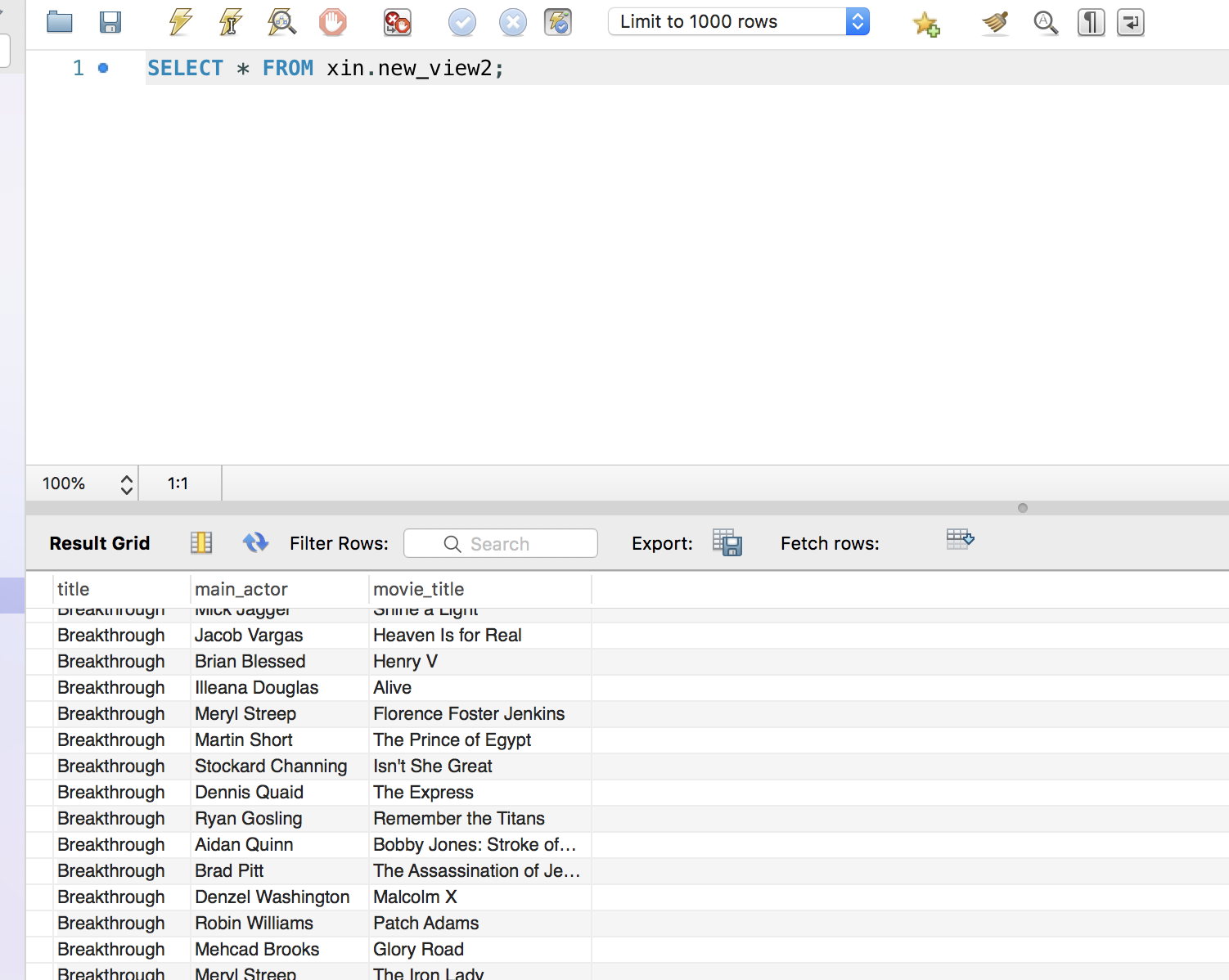
**Views**

View1

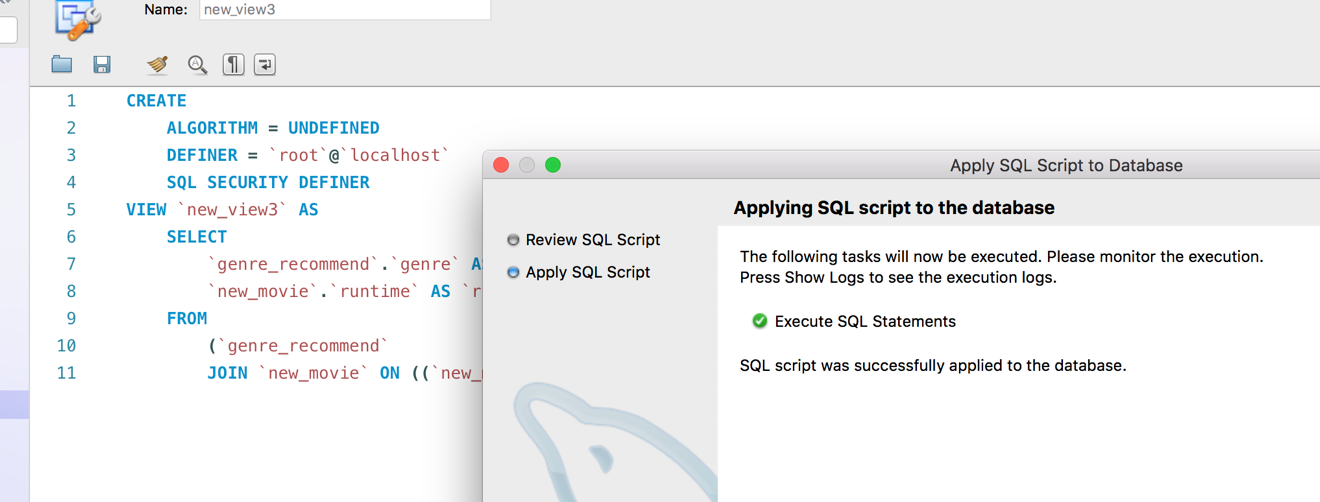


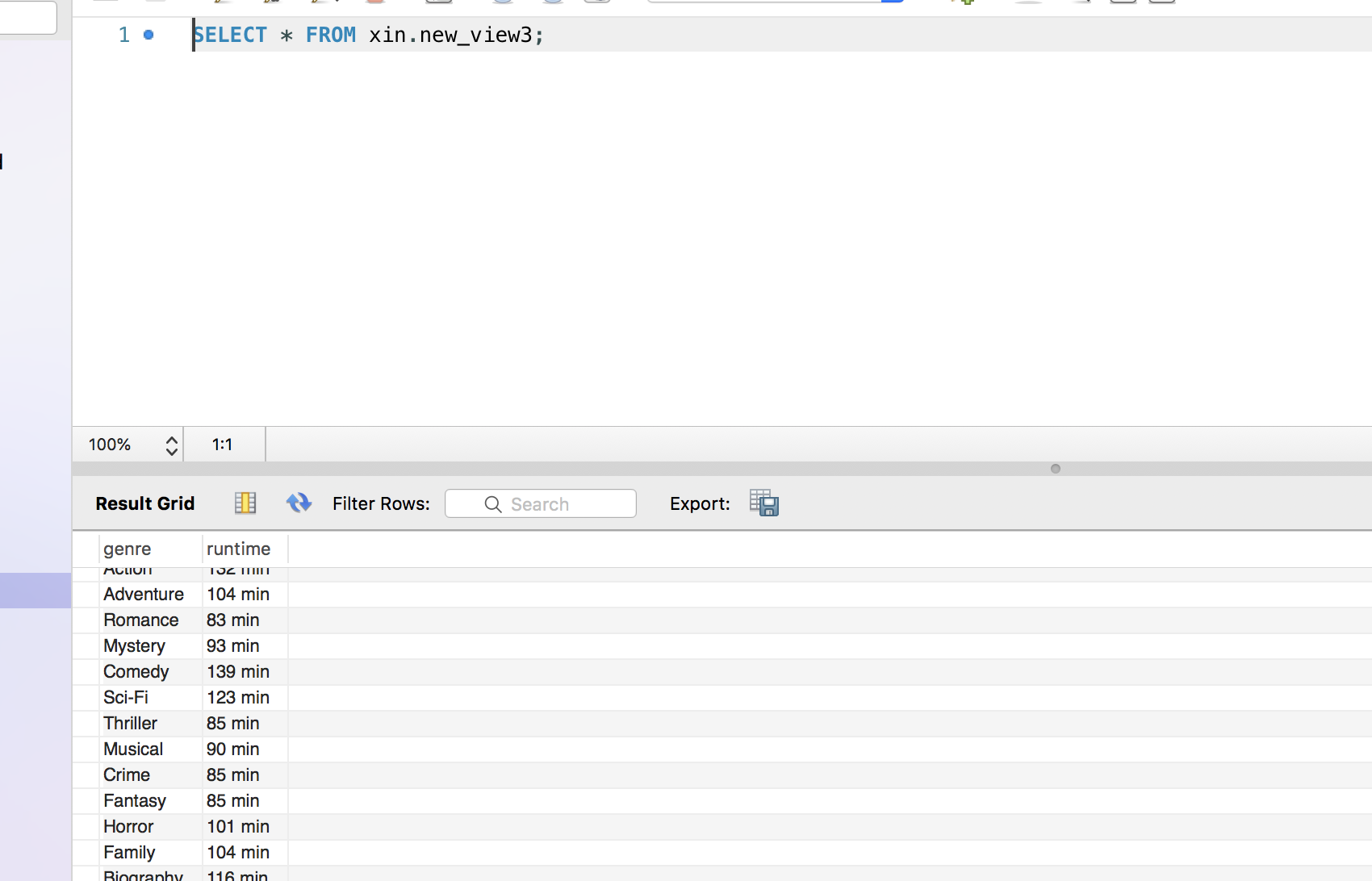
View2





View3





View4

