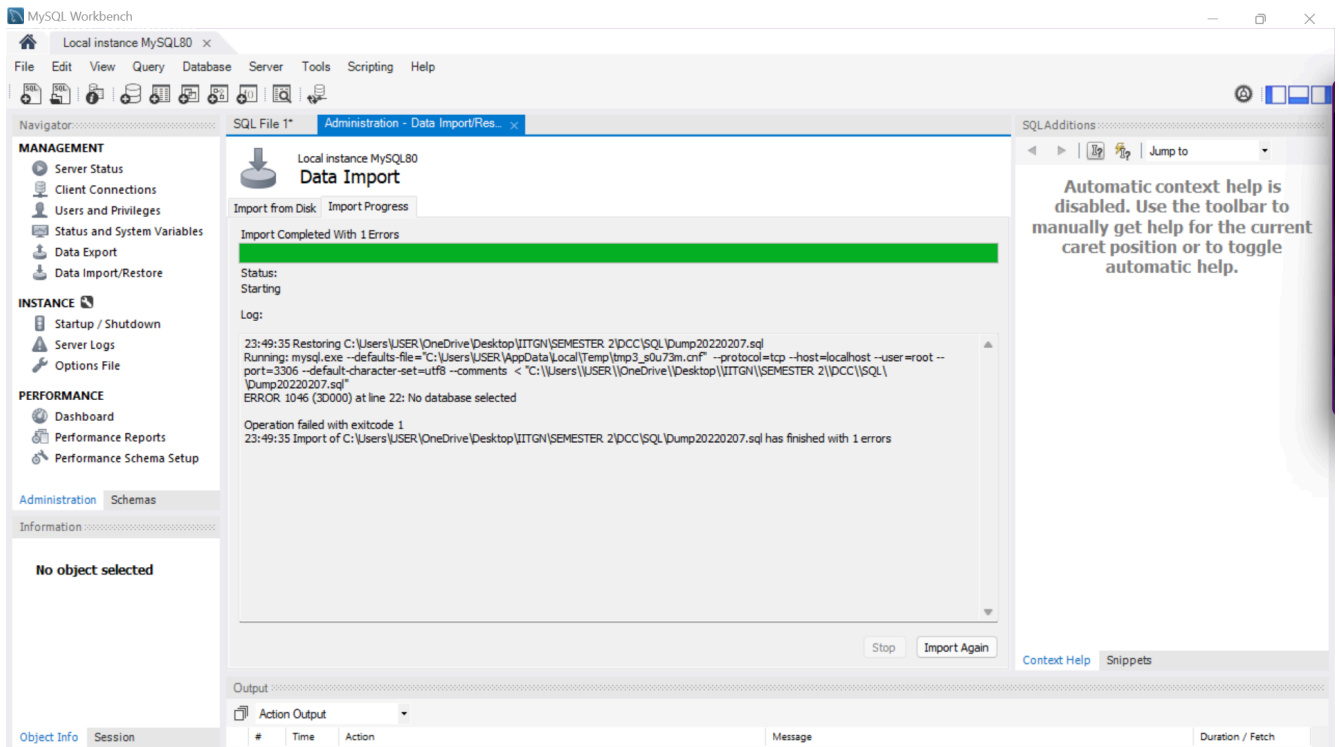
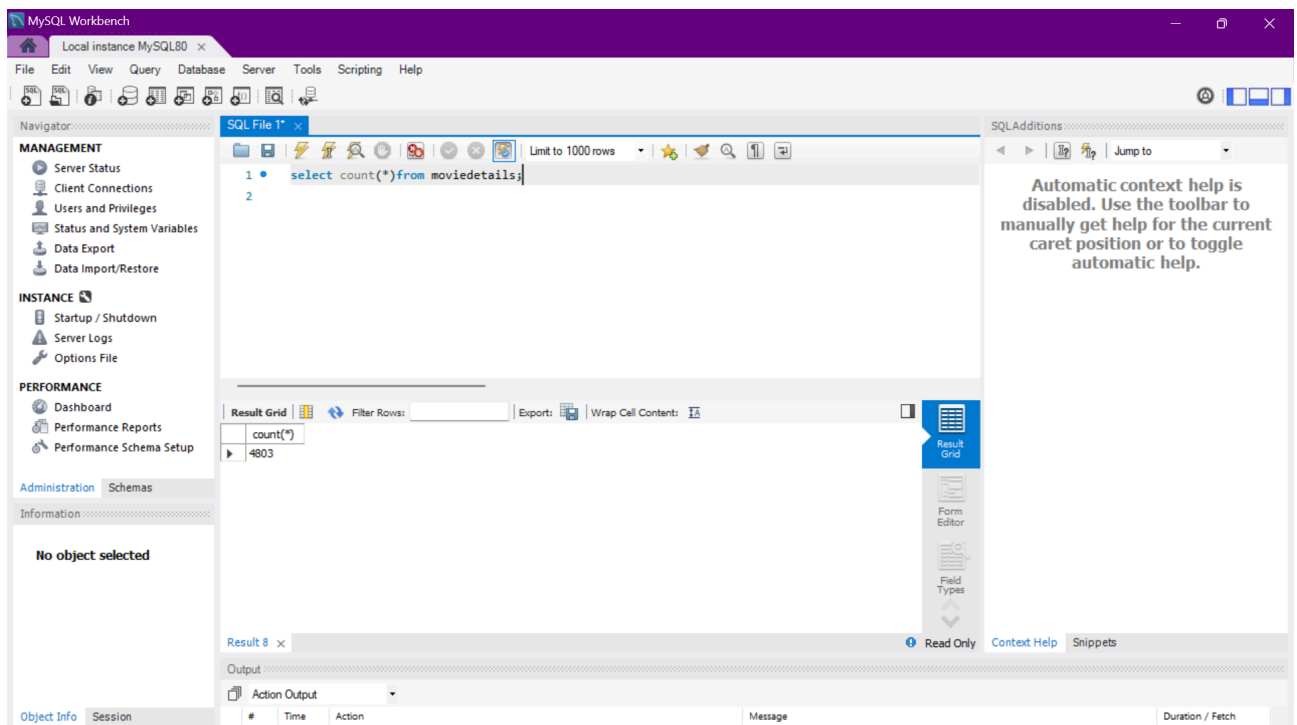


IMPORTING THE DUMP FILE

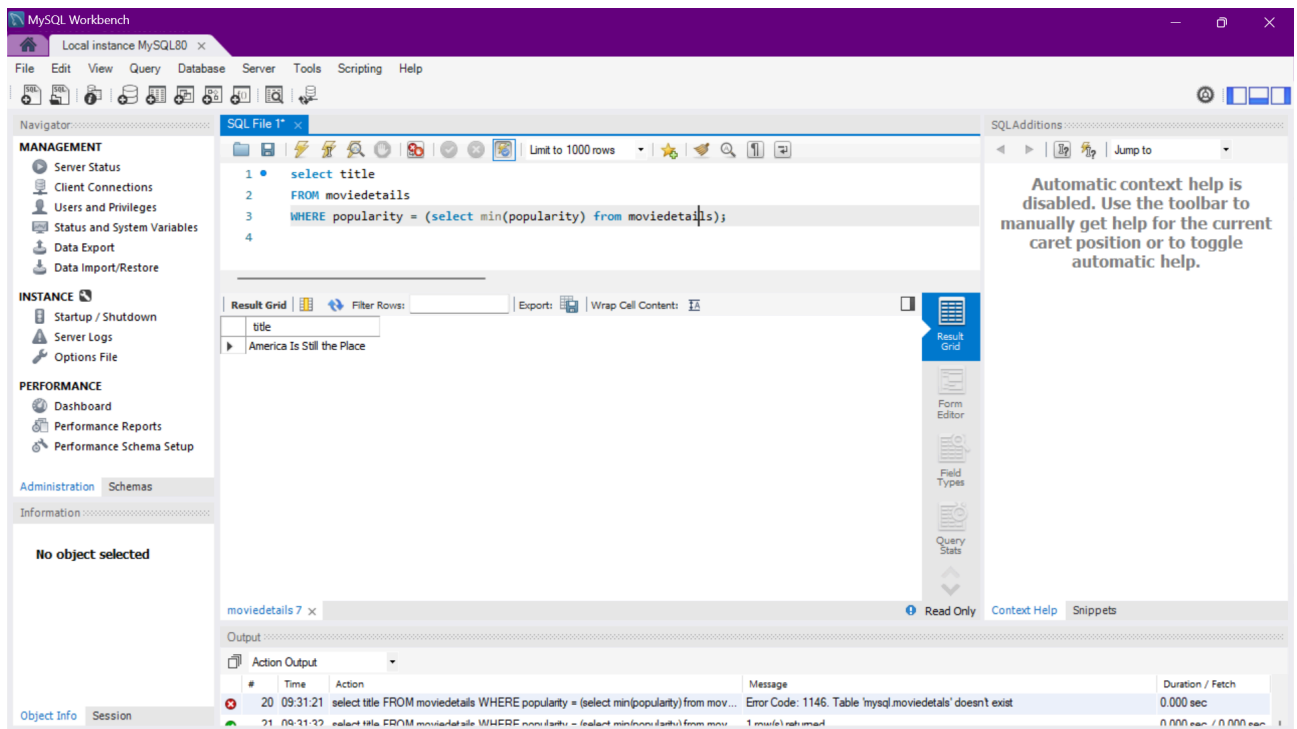


PROBLEM STATEMENTS AND SOLUTIONS

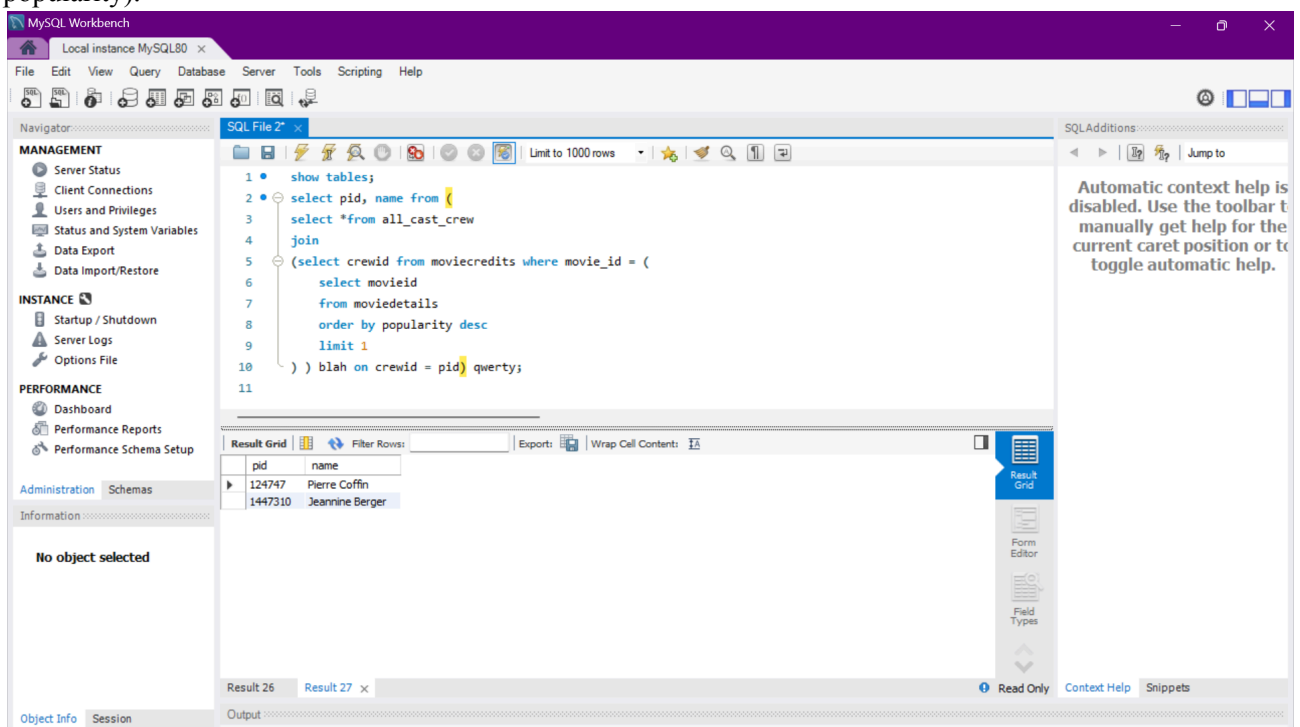
1. How many number of movies are available in the *moviedetails* table?



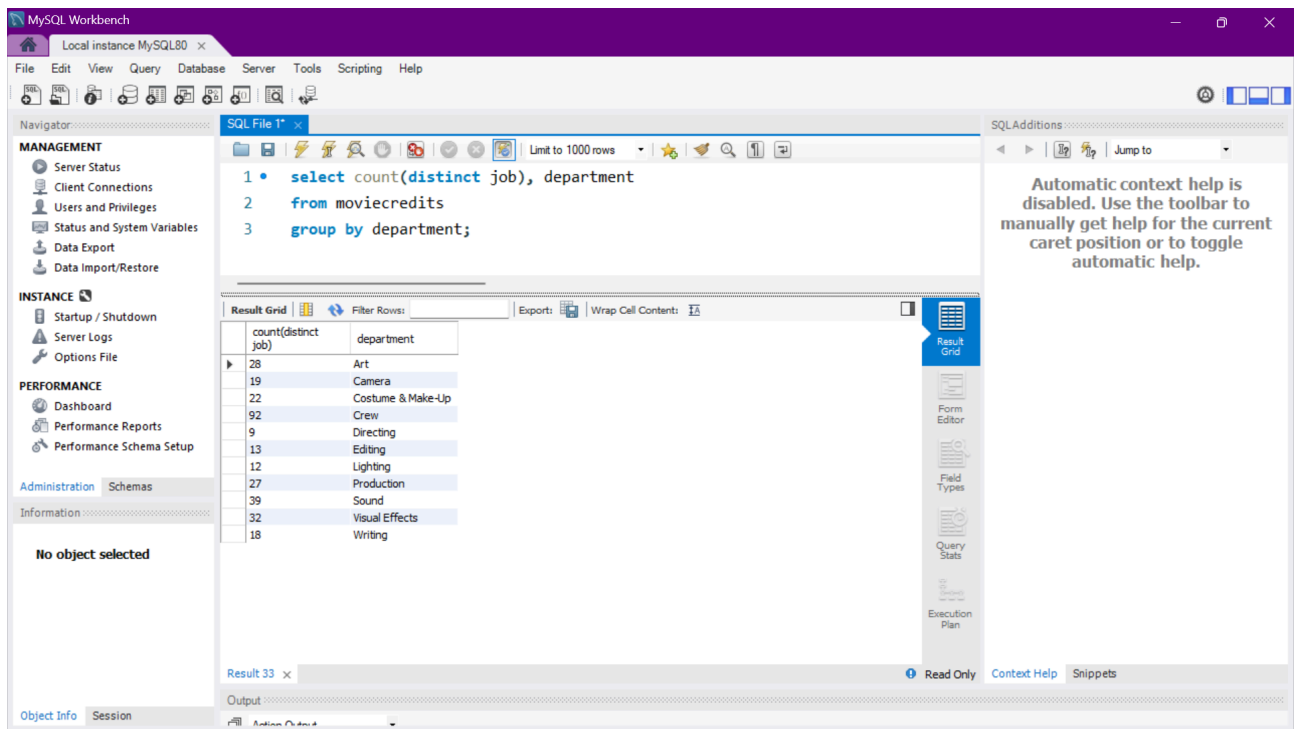
2. Which is the least popular movie?



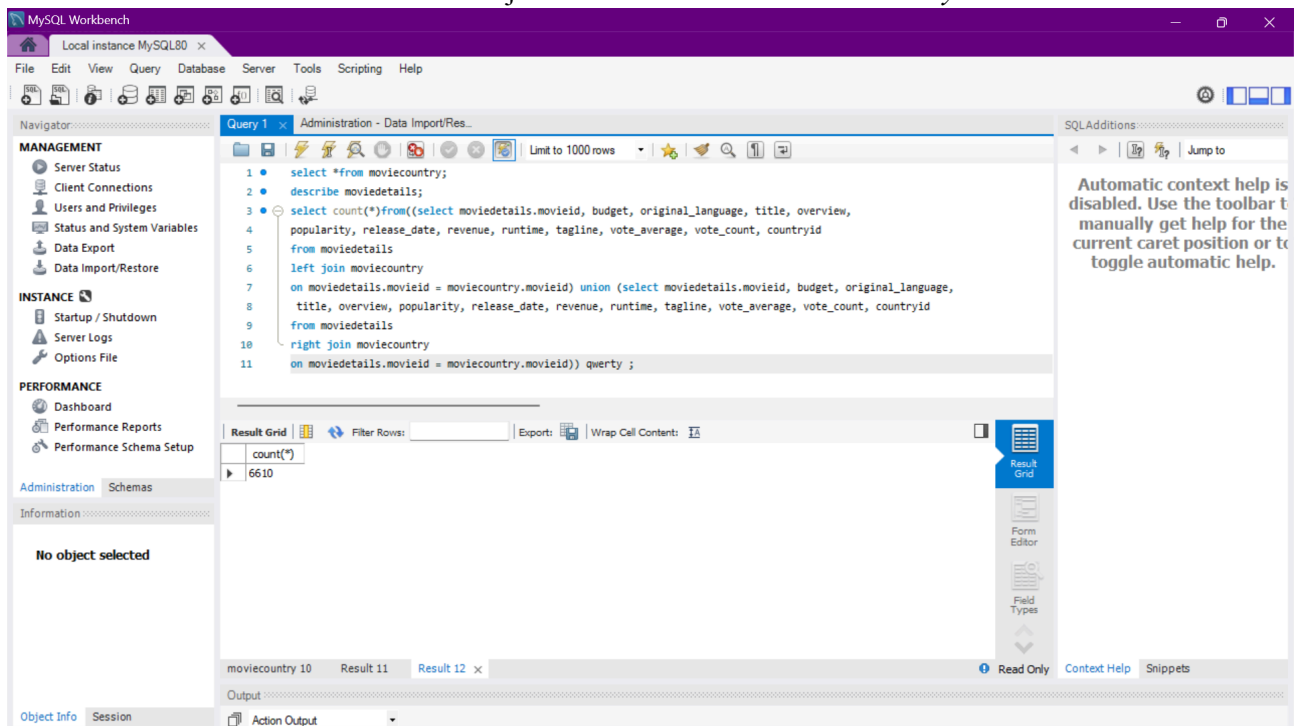
- Find the *pid* and their names involved in the production of the most popular movie (based on popularity).



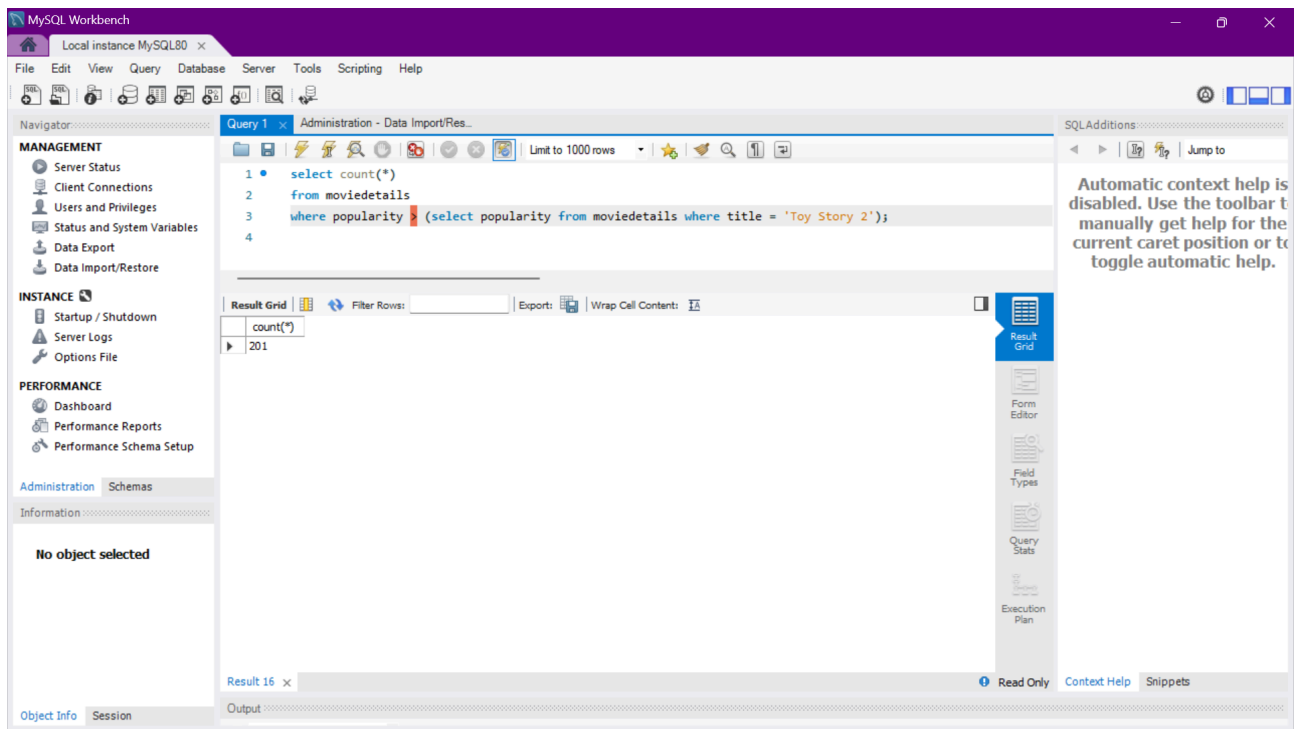
- List the count of jobs (unique) in each movie department from the *moviecredits* table. E.g.: For the 'Directing' department, there are nine unique jobs (Director, Assistant Director, etc.)



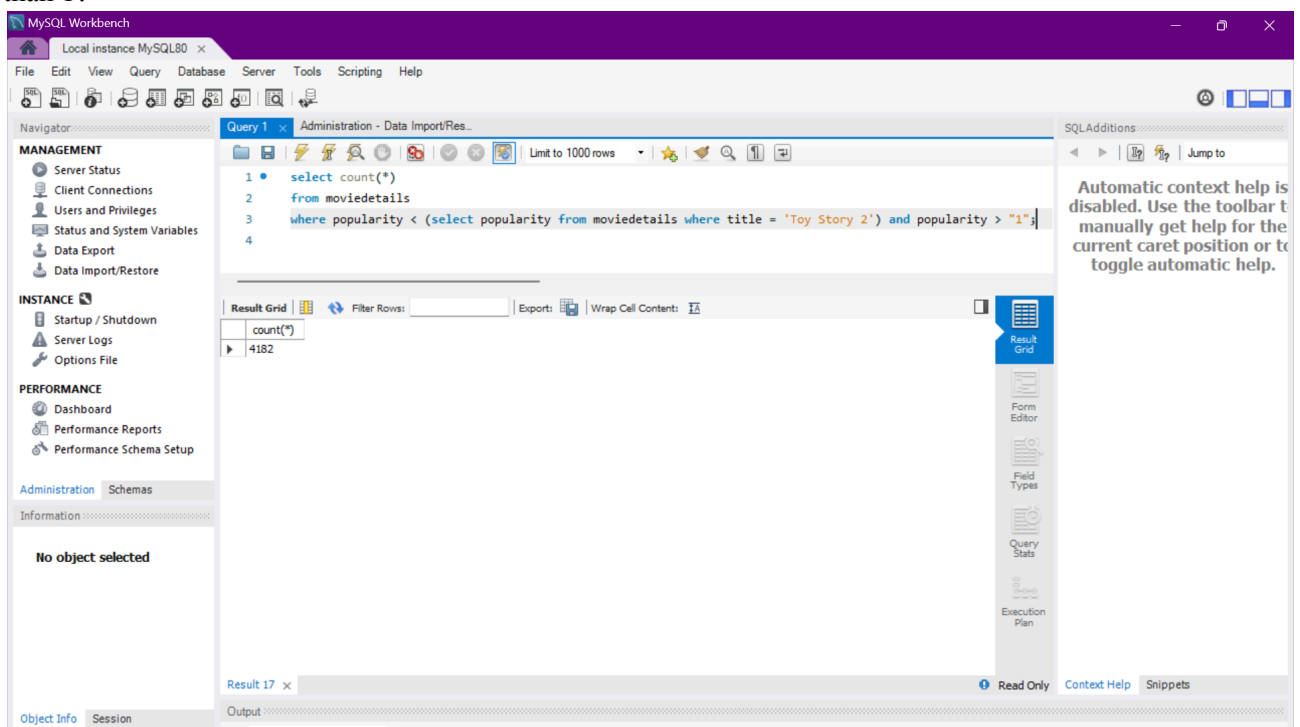
5. Count the number of rows in the full outer join of *moviedetails* and *moviecountry*.



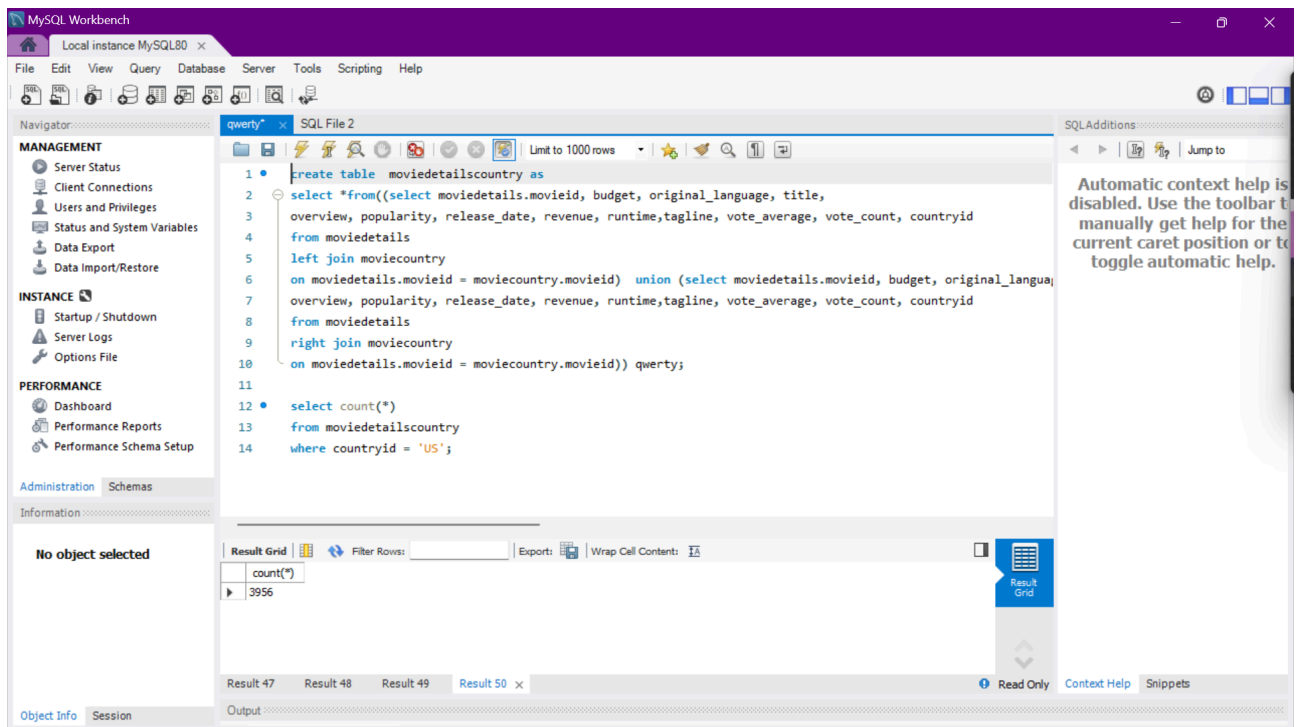
6. How many movies are there whose popularity is more than 'Toy Story 2'?



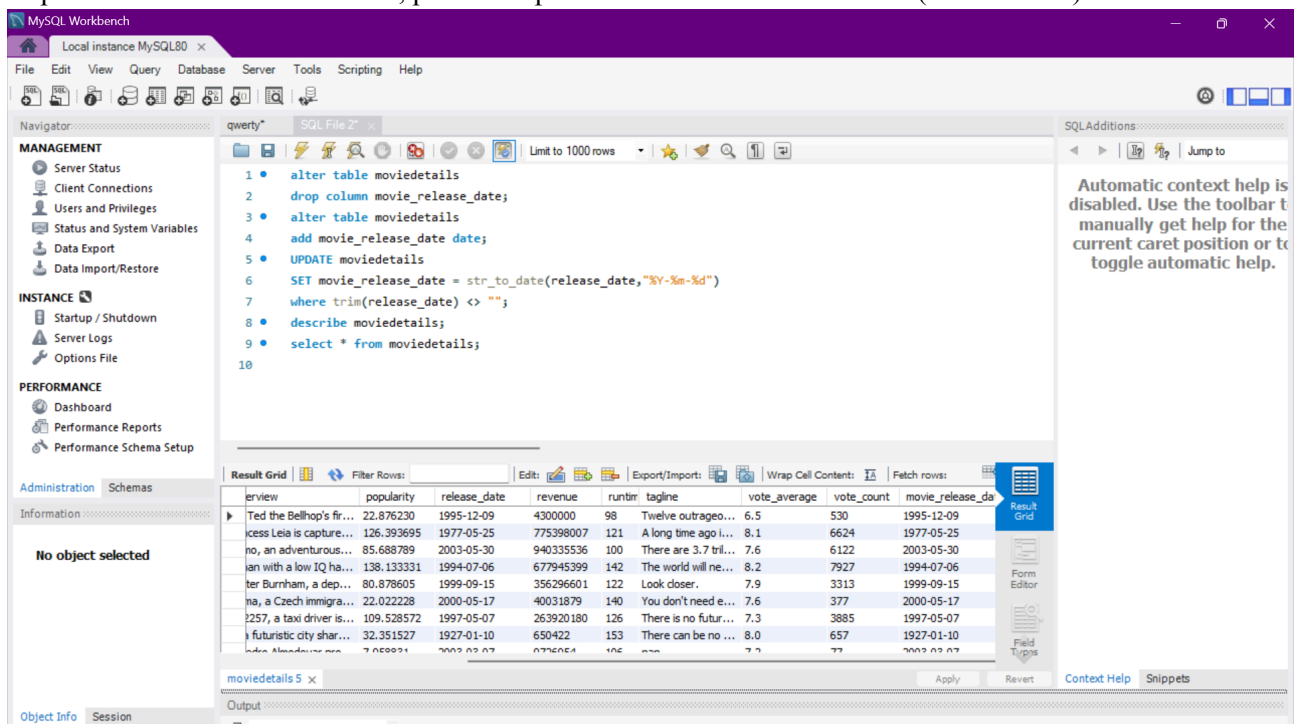
7. How many movies are there whose popularity is lesser than 'Toy Story 2' and has popularity greater than 1?



8. Save the full outer join of *moviedetails* and *moviecountry* in table *moviedetailscountry* and find the movies whose *countryid* is 'US', along with their count.



- Alter table to add a new column, *movie_release_date* (Date format data type), to the *moviedetails* table. The values have to be taken from the *release_date* (stored as varchar) column. To submit the output file for this alter command, print 10 tuples and the schema of the table (use *describe*).



(Notice the columns *movie_release_date* and *release_date*)
The data type of the entries for the column *movie_release_date* is shown in the below image

MySQL Workbench

Local instance MySQL80

FileEditViewQueryDatabaseServerToolsScriptingHelp

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Dashboard

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Performance Schema Setup

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Schemas

Information

No object selected

Object Info

Session

query*

SQL File 2

Limit to 1000 rows

1alter table moviedetails

2drop column movie_release_date;

3alter table moviedetails

4add movie_release_date date;

5UPDATE moviedetails

6SET movie_release_date = str_to_date(release_date,"%Y-%m-%d")

7where trim(release_date) <> "";

8describe moviedetails;

9select * from moviedetails;

10describe moviedetails;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
movieid	int	NO	PRI		
budget	int	YES			
original_language	varchar(2)	YES			
title	varchar(86)	YES			
overview	varchar(1000)	YES			
popularity	decimal(9,6)	YES			
release_date	varchar(10)	YES			
revenue	bigint	YES			
runtime	decimal(10,0)	YES			
tagline	varchar(252)	YES			
vote_average	decimal(3,1)	YES			
vote_count	int	YES			
movie_release_d...	date	YES			

Result 6

Read OnlyContext HelpSnippets

Output

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.