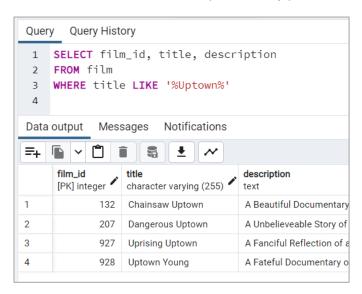
Exercise 3.5 - Filtering Data

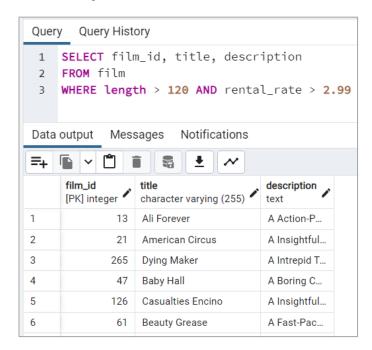
Step 1:

Write some SQL queries to return a list of films that meet the following conditions. Your results tables should include the columns "film_ID," "title," and "description".

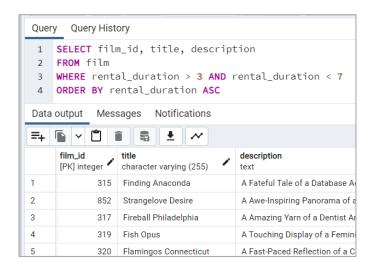
1.a: Film title contains the word *Uptown* in any position.



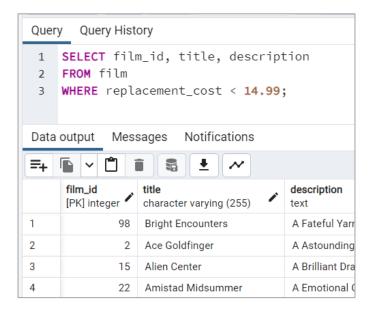
o 1.b: Film length is more than 120 minutes and rental rate is more than 2.99



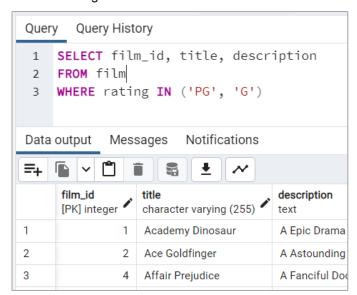
o 1.c: Rental duration is between 3 and 7 days (where 3 and 7 aren't inclusive)



1.d: Film replacement cost is less than 14.99



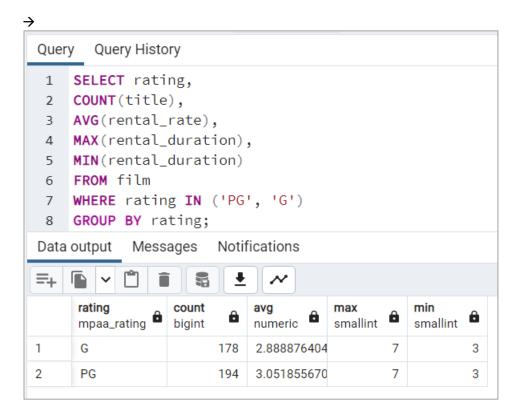
1.e: Film rating is either PG or G



Step 3.

The inventory team has asked for the following information about this list:

- Count of the movies
- Average rental rate
- Maximum rental duration and minimum rental duration



Step 3.

To make the output easier for your coworkers to understand, give your aggregate columns the following aliases: "count of movies," "average movie rental rate," "maximum rental duration", and "minimum rental duration". Run the query and transfer the result into your Excel file on a new sheet as well as the code you used to get there.



Step 4.

The customer team would like to see the fields you calculated in step 3 grouped by rating. The totals in your results table should look the same as in step 3 but broken down by the rating column. Copy-paste your query and its output in your answers on a new sheet.

