WEEK 2 CHALLENGE QUESTIONS

In this challenge, practice writing more advanced queries to dig deeper into the data.

Instructions: Try to answer these questions first and then compare your answers with the provided solutions. You may also submit your answers to avacas@datascienceupskill.com to get personal feedback from me. Send me a chat message at slack if you have questions. Good luck!

1. Provide a list of the 5 shortest films with "G" rating and rental rates ranging from 2.99 to 4.99. Show their film ID and title.
   Hint: Refer to film table.

2. Generate a list of all actors whose last names start with "Jo". Arrange the list in alphabetical order of the last name. If there are customers with the same last name, arrange the list further by actor ID.
   Hint: Refer to actor table. Show all attributes.
   a) Show your SQL codes
   b) What's the actor ID of the last actor in the list?

3. **Let's play Words within Words game!**
   Use the **city** table to find all the cities with words "gas" or "him" within the city name. Arrange the list by country ID (with the largest ID number on top). *Retrieve all attributes.*

4. Show the address details of customers whose phone numbers end with "10", arranged by city ID where they live (in ascending order). Retrieve the address column only.
Hint: Refer to address table.

5. The manager asks for a sample of 10 payment transactions (of no particular order) that occurred between 8:00:00 AND 17:00:00 on February 16, 2007 in the amount of either 0.99, 4.99 or 8.99.
Hint: Refer to payment table. You may retrieve all attributes