SQL Query Exercises # 4

Write queries to return the following:

Make the following changes in the "world" database.

1. Add Superman's hometown, Smallville, Kansas to the city table. The countrycode is 'USA', and population of 45001. (Yes, I looked it up on Wikipedia.)
2. Add Kryptonese to the countrylanguage table. Kryptonese is spoken by 0.0001 percentage of the 'USA' population.
3. After heated debate, "Kryptonese" was renamed to "Krypto-babble", change the appropriate record accordingly.
4. Set the US captial to Smallville, Kansas in the country table.
5. Delete Smallville, Kansas from the city table. (Did it succeed? Why?)
6. Return the US captial to Washington.
7. Delete Smallville, Kansas from the city table. (Did it succeed? Why?)
8. Reverse the "is the official language" setting for all languages where the country's year of independence is within the range of 1800 and 1972 (exclusive).
9. Convert population so it is expressed in 1,000s for all cities. (Round to the nearest integer value greater than 0.)
10. Assuming a country's surfacearea is expressed in miles, convert it to meters for all countries where French is spoken by more than 20% of the population.

The following changes are applied to the "pagila" database.

1. Add actors, Hampton Avenue, and Lisa Byway to the actor table.
2. Add "Euclidean PI", "The epic story of Euclid as a pizza delivery boy in ancient Greece", to the film table. The movie was released in 2008 in English, and its original, Spanish. Since its an epic, the run length is 3hrs and 18mins. There are no special features, the film speaks for itself, and doesn't need any gimmicks. (Thank you very much.)

3. Hampton Avenue plays Euclid, while Lisa Byway plays his slightly overprotective mother, in the film, "Euclidean PI". Add them to the film.

4. Add Mathmagical to the category table.

5. Assign the Mathmagical category to the following films, "Euclidean PI", "EGG IGBY", "KARATE MOON", "RANDOM GO", and "YOUNG LANGUAGE"

6. Mathmagical films always have a "G" rating, adjust all Mathmagical films accordingly.

7. Add a copy of "Euclidean PI" to all the stores.

8. The Feds have stepped in and have impounded all copies of the pirated film, "Euclidean PI". The film has been seized from all stores, and needs to be deleted from the film table. Delete "Euclidean PI" from the film table. (Did it succeed? Why?)

9. Delete Mathmagical from the category table. (Did it succeed? Why?)

10. Delete all links to Mathmagical in the film_category tale. (Did it succeed? Why?)

11. Retry deleting Mathmagical from the category table, followed by retrying to delete "Euclidean PI". (Did it succeed? Why?)

12. Check database metadata to determine all constraints of the film id, and describe the remaining adjustments needed before the film "Euclidean PI" can be removed from the film table.