



Northeastern University

CS 5200 Homework 9

Use MongoDB Compass to connect to the Mongo Atlas database to create the following filters.

The address for the database is: `mongodb+srv://student:student@cluster0.jabrq.mongodb.net/test`

Paste the above connection string into MongoDB Compass and connect.

Please submit a text file, preferably a pdf file with the filters, to canvas named `hwk9lastname.fi.pdf`.

1. Write a filter to return all films (type is movie) having the title **"Titanic"**.
2. How many records are returned for question 1?
3. Write a filter that returns all the films (type is movie) that are directed by **"Jean Negulesco"** ?
4. How many records are returned for question 3?
5. Write a filter that returns all the films (type is movie) that are directed by **"Jean Negulesco"** and has a rated field value **"APPROVED"**?
6. How many records are returned for question 5?
7. Write a filter to return all films (type is movie).
8. How many records are returned for question 7?
9. Write a filter that returns all films (type is movie) that have a rating of **"APPROVED"** or a rating of **"NOT RATED"**?
10. How many records are returned for question 9?
11. Write a filter that returns all films (type is movie) that have a rating of **"APPROVED"** or a rating of **"NOT RATED"** and directed by **"Jean Negulesco"**?
12. How many records are returned for question 11?
13. Write a filter to return all films (type is movie) that have **exactly** 2 languages.
14. How many records are returned for question 13?
15. Write a filter that returns all films (type is movie) that have **more than** 1 language.
16. How many records are returned for question 15?
17. Write a filter to return all film (type is movie) that have an **IMDB rating > 9.1**
18. How many records are returned for question 17?
19. Write a filter to return all films (type is movie) that has a **rotten tomatoes viewer rating > 4**?

20. How many records are returned for question 19?