The dataset I had chosen is a list of 10,000 movies listed on IMDB, which is a site used for the review of movies described across the world. The chosen dataset displays movies, TV shows, celebrities etc... This dataset includes ratings, reviews, year of publication, who acts in the movie, everything that requires a movie to be a movie. I chose this dataset because I am always watching movies, so I thought the data I chose would be fun because maybe I can find my next movie to watch, and there are over 10,000 movies in the list, so there ought to be one that I haven't seen yet.

So, for my first query we a query that finds all movies in the database. What this query will do is collect all the movies in the collection, then output the movies retrieved and give information on them, which would be a total of 10,000 of them. The second query made is a query that counts the total number of queries in the collection. When running this query, you would get 10,001 movies counted. The third query is a query that finds movies that have a greater to or equal vote count of 1327069. I chose this number because it illustrates the amount of votes The Godfather Part 2 got, and that movie was good, so I found all movies that had a higher vote count than that Godfather, which now help me in finding out which movies are even better than The Godfather Part 2. The fourth query finds all movies in the database with a higher score of 70 regarding a Meta score. When watching movies, it's important for a movie to be rated higher than 7.0/70, because otherwise the movie will just not be good or fun to watch, so with this query, I'm selecting all movies that have a higher score than 7.0/70. The final query finds all movies in the database with an audience score of less than 5. This query will just tell me which movies to avoid completely and not to waste my time watching them. When it came to aggregate, I didn't understand how to use it even when reading the documents provided from MongoDB.

Part C:

Movie Search

Search Movies with Votes: [Enter minimum votes] [Search by Votes]
Search Movies with Metascore Greater Than: [Enter minimum Metascore] [Search by Metascore]

Movie Search

Search Movies with Votes: [90000] [Search by Votes]
Search Movies with Metascore Greater Than: [Enter minimum Metascore] [Search by Metascore]
Search Results:
1: Movie Name: The Godfather Part II, Votes: 1327069
2: Movie Name: 12 Angry Men, Votes: 834248
3: Movie Name: Soorarai Pottru, Votes: 121017
4: Movie Name: The Good, the Bad and the Ugly, Votes: 790685
5: Movie Name: City Lights, Votes: 191662
6: Movie Name: Raiders of the Lost Ark, Votes: 1014569
7: Movie Name: Avengers: Infinity War, Votes: 1157990
8: Movie Name: Braveheart, Votes: 1069701
9: Movie Name: To Kill a Mockingbird, Votes: 326568
10: Movie Name: Metropolis, Votes: 181085
11: Movie Name: Taxi Driver, Votes: 887315
12: Movie Name: Howl's Moving Castle, Votes: 425490
13: Movie Name: All About Eve, Votes: 135957
14: Movie Name: The Help, Votes: 480309
15: Movie Name: Rocky, Votes: 610802
16: Movie Name: The Sound of Music, Votes: 249814
17: Movie Name: Warrior, Votes: 488106
18: Movie Name: Million Dollar Baby, Votes: 708199
19: Movie Name: Spider-Man: Across the Spider-Verse, Votes: 270500
20: Movie Name: Goodfellas, Votes: 1217230
21: Movie Name: Come and See, Votes: 90356
22: Movie Name: Up, Votes: 1092218
23: Movie Name: Dangal, Votes: 202232
24: Movie Name: Double Indemnity, Votes: 163505
25: Movie Name: Casino, Votes: 546294
26: Movie Name: Pirates of the Caribbean: The Curse of the Black Pearl, Votes: 1176283
27: Movie Name: The Terminator, Votes: 901362
28: Movie Name: Trainspotting, Votes: 710439
29: Movie Name: Raging Bull, Votes: 369722
30: Movie Name: La haine, Votes: 187772
31: Movie Name: Stalker, Votes: 140656
32: Movie Name: It's a Wonderful Life, Votes: 479743
33: Movie Name: It Happened One Night, Votes: 109176
34: Movie Name: The Usual Suspects, Votes: 1120459
35: Movie Name: The Pianist, Votes: 879833
36: Movie Name: Grave of the Fireflies, Votes: 296453
37: Movie Name: The Lives of Others, Votes: 401874
38: Movie Name: Paths of Glory, Votes: 206506
39: Movie Name: Dil Bechara, Votes: 133634
40: Movie Name: American Beauty, Votes: 1187390
41: Movie Name: Full Metal Jacket, Votes: 771283
42: Movie Name: Toy Story 3, Votes: 870867
43: Movie Name: North by Northwest, Votes: 339059
44: Movie Name: Spider-Man: No Way Home, Votes: 833734
45: Movie Name: Shutter Island, Votes: 1398809

Movie Search

Search Movies with Votes: [Enter minimum votes] [Search by Votes]
Search Movies with Metascore Greater Than: [99] [Search by Metascore]
Search Results:
1: Movie Name: City Lights, MetaScore: 99
2: Movie Name: Vertigo, MetaScore: 100
3: Movie Name: The Godfather, MetaScore: 100
4: Movie Name: Tokyo Story, MetaScore: 100
5: Movie Name: Singin' in the Rain, MetaScore: 99
6: Movie Name: Fanny and Alexander, MetaScore: 100
7: Movie Name: Casablanca, MetaScore: 100
8: Movie Name: Three Colors: Red, MetaScore: 100
9: Movie Name: Lawrence of Arabia, MetaScore: 100
10: Movie Name: Rear Window, MetaScore: 100
11: Movie Name: Citizen Kane, MetaScore: 100
12: Movie Name: Notorious, MetaScore: 100
13: Movie Name: Army of Shadows, MetaScore: 99
14: Movie Name: Sweet Smell of Success, MetaScore: 100
15: Movie Name: The Leopard, MetaScore: 100
16: Movie Name: Boyhood, MetaScore: 100
17: Movie Name: Touch of Evil, MetaScore: 99
18: Movie Name: The Rules of the Game, MetaScore: 99
19: Movie Name: The Conformist, MetaScore: 100
20: Movie Name: Playtime, MetaScore: 99
21: Movie Name: Intolerance, MetaScore: 99
22: Movie Name: Pinocchio, MetaScore: 99
23: Movie Name: Moonlight, MetaScore: 99
24: Movie Name: Journey to Italy, MetaScore: 100

The first search requests the user can search for movies regarding the amount of votes the movie has. For example, if you search for movies with a higher vote count than 90000 votes, the server then displays all the movies with a vote count higher than 90000, which displayed over 2000 movies, but I couldn't screenshot that because the page was never ending. The query finds all movies in the database collection that fit the user's desired search criteria.

The second search requests the user can also search for are movies with a Meta Score they wish to filter. For example, the user searches for movies with a Meta Score of either 99 or greater, and the server responds back by displaying all the movies with a Meta Score greater than or equal to 99 as seen in the example above, which was only 24 movies out of the 10000 in the database.