**Answer Sheet**

Assignment #4: NoSQL Part 1

**First and last name:**

**Email address:**

Use MongoDB Compass and open the movieDB database and open the movie collection to answer the questions below. Include the query used (make sure to include all stages) and the results of the query.

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| --- | --- | --- |
| **Question** | **Query Used** | **Answer** |
| 1. How many movies made in 1933 have a runtime of 100? |  |  |
| 1. Return the runtime and the year of the movie titled “Greed”. |  |  |
| 1. What movies have the longest runtimes? Return runtime, title, and year of the first 2 results only. |  |  |
| 1. Return the average runtime of all movies by their year. Only return the year and average runtime of movies made after 1940 (round the query result to one decimal if necessary) |  |  |
| 1. Out of all the movies that were made in the year 1935, what is the maximum runtime? |  |  |
| 1. Return the runtime, title, and year of the movie which is made in 1936 and with a runtime less than 90 minutes. Only return the first movie based on reverse alphabetical order by title. |  |  |

1. **What is the equivalent SQL code for the query you used in question 2?**
2. **What is the equivalent SQL code for the query you used in question 6?**