MongoDB – Lab 1a
COMP 353
Brian Nguyen

1) Please see screenshot 'BrianNguyen_Q1'

2) Please see screenshot 'BrianNguyen_Q2'

3) Please see screenshot 'BrianNguyen_Q3'

4) 2

5) 32

6) 1

7) No

8) 'Untitled WWII Romantic Thriller'

9) Yes

10) The first query was looking for data that had 'cast' values exactly matching 'Brad Pitt' instead of those containing 'Brad Pitt'

11) No

12) 7%

13) 'Comedy', 'Documentary', and 'Drama'

14) There are combinations of genres that as identified as a single genre

15) The combinations are a single String value of 'genre' rather than multiple, separate values

16) '$in'

17) 5322

18) {writer: {$exists: true, $nin: ['']}}

19) 42941; Without the '$nin' operator, the query would also return empty values that are not necessarily considered null values

20) {writer: {$exists: false}}

21) Please see screenshot 'BrianNguyen_Q21'

22) {$and :[{year: {$gte: 2000}}, {year: {$lte: 2005}}]}

23) 5912

24) 1

25) 46014 (assuming a query reset after previous question, otherwise 1)

26) {imdbRating: 1, genre: 1}

27) Filter: {year: {$gt: 2010}}

      Project: {imdbRating: 1, genre: 1}

      Please see screenshot 'BrianNguyen_Q27'

28) 10179