In-Class Activity #8: NoSQL Part 2

ICA 8 Answer Sheet

Student Name: \_\_\_\_\_\_

**Instructions:**

Use MongoDB Compass and open the airbnbDB. Uses the *airbnb collection* to answer the questions below. Include the query used and the results of the query. (MongoDB Compass is case sensitive)

1. Return the id and room type of the accommodations where the host id is 2279116 and the host name is Andy. (hint: keep in mind that sometimes numbers are recorded as strings)

**Query:**

**Query Result:**

1. How many accommodations include the amenities of "Air conditioning" and an "Elevator"?
**Query:**

**Query Result:**

1. How many accommodations have 40 amenities?

**Query:**

**Query Result:**

1. Return the id, host name, and host id of the accommodation that has the highest "host\_total\_listings\_count". Return only the first result.

**Query:**

**Query Result:**

1. Among the accommodations that have a room type of "Private room" and over 20 reviews,
2. How many include amenities of a "Lockbox" and a "Dryer"?

**Query:**

**Query Result:**

1. Return the total number of reviews of all accommodations in the group found in question 5a.

**Query:**

**Query Result:**

1. What is the average host response rate grouped by room type?

**Query:**

**Query Result:**

Round results to the first decimal point.

**Use the list collection to answer question 7.**

1. What is the query to join the host connection to the list connection, in order to bring the host information to the list collection?

**Query:**