In-class Activity #2.1: Pen-and-Paper Query Exercise

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| **Submission Instructions**Submit your solutions as a word or pdf file through **Canvas>Assignments>In-Class Activities.** Please submit your solution **within two hours after class**.  |

Recall our Housing Authority schema from the last in-class exercise:

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**Assume the database schema is called hdb** (for “housing database” – clever!). So, in a query, you’ll reference the Development table as hdb.Development.

In groups of two or three, create a single SQL query that answers each question below. Make sure you are only returning the information needed to answer the question (don’t just use SELECT \*).

1. Which housing units (by unit number) have more than two bathrooms?
2. What is the birthdate of the resident named Tom Haverford?
3. What are the names of all heads of household (list in ascending alphabetical order by last name)?
***(HINT: The field “head” can take the value “Yes” or “No”. You will need to write a WHERE condition like this:* WHERE Head=’Yes’*)***

1. How many units are smaller than 2000 square feet?

1. What is the average square footage of all units in the database?

1. What is the average square footage of units by number of bedrooms (in other words, write a query that computes the average square footage of one bedroom units, two bedroom units, etc.).