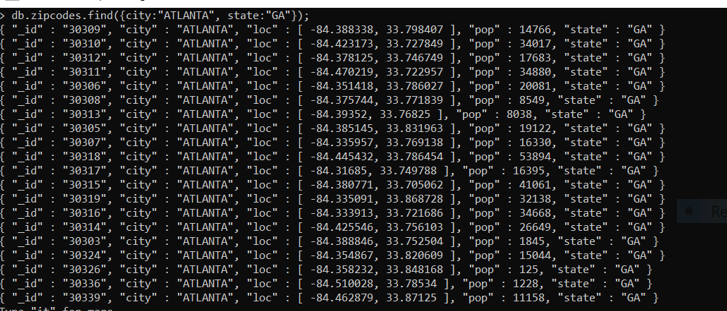
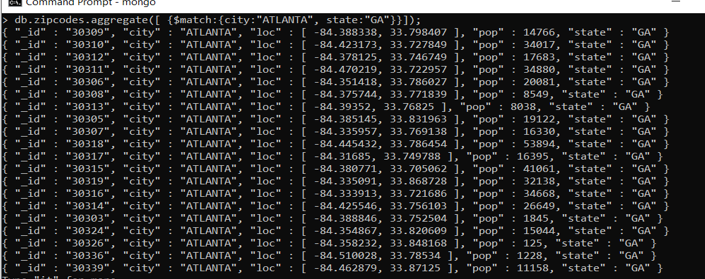
Atlanta Population

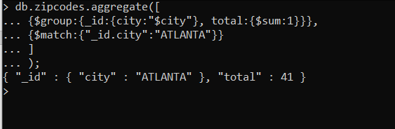
1. use db.zipcodes.find() to filter results to only the results where city is ATLANTA and state is GA.

****

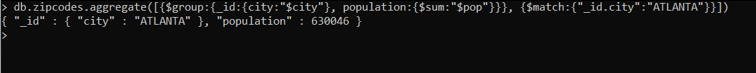
1. use db.zipcodes.aggregate with $match to do the same as above

****

3.use $group to count the number of zip codes in Atlanta

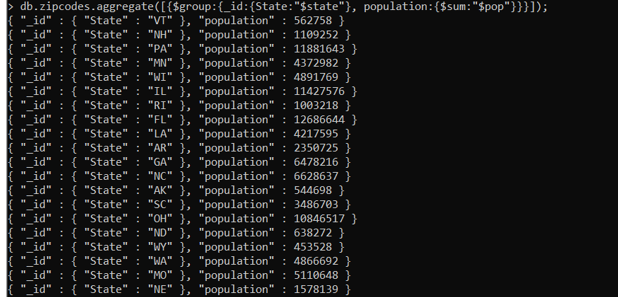
****

4.use $group to find the total population in Atlanta

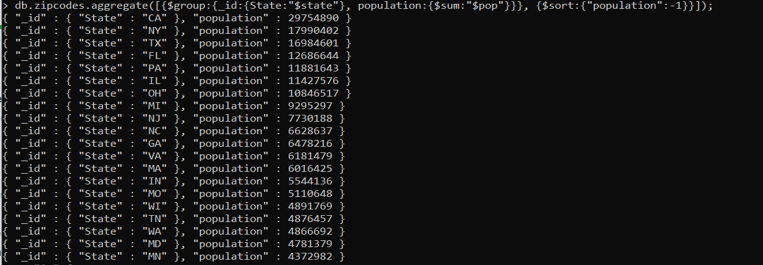


Populations By State

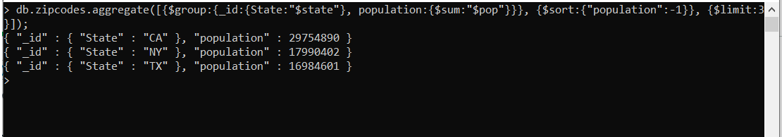
1. use aggregate to calculate the total population for each state

****

1. sort the results by population, highest first

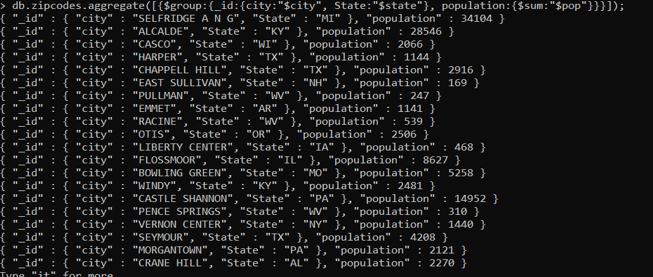
****

1. limit the results to just the first 3 results. What are the top 3 states in population

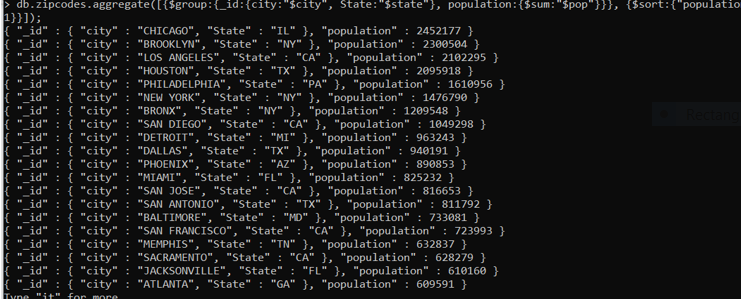
****

Populations by City

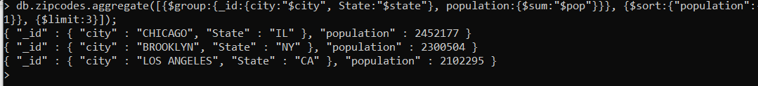
1. use aggregate to calculate the total population for each city (you have to use city/state combination). You can use a combination for the \_id of the $group: { city: '$city', state: '$state' }

****

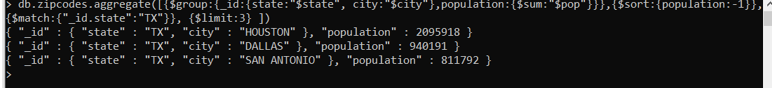
1. sort the results by population, highest first

****

1. limit the results to just the first 3 results. What are the top 3 cities in population

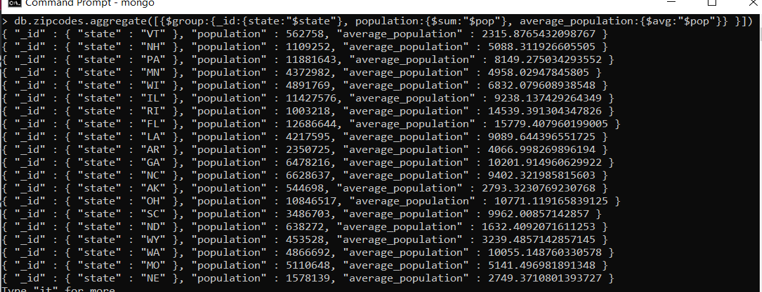
****

1. What are the top 3 cities in population in Texas

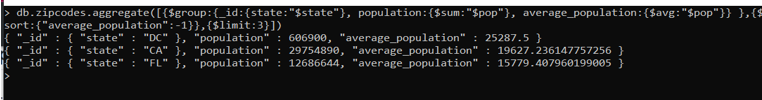
****

Bonus

1. Write a query to get the average city population for each state.



1. What are the top 3 states in terms of average city population

****