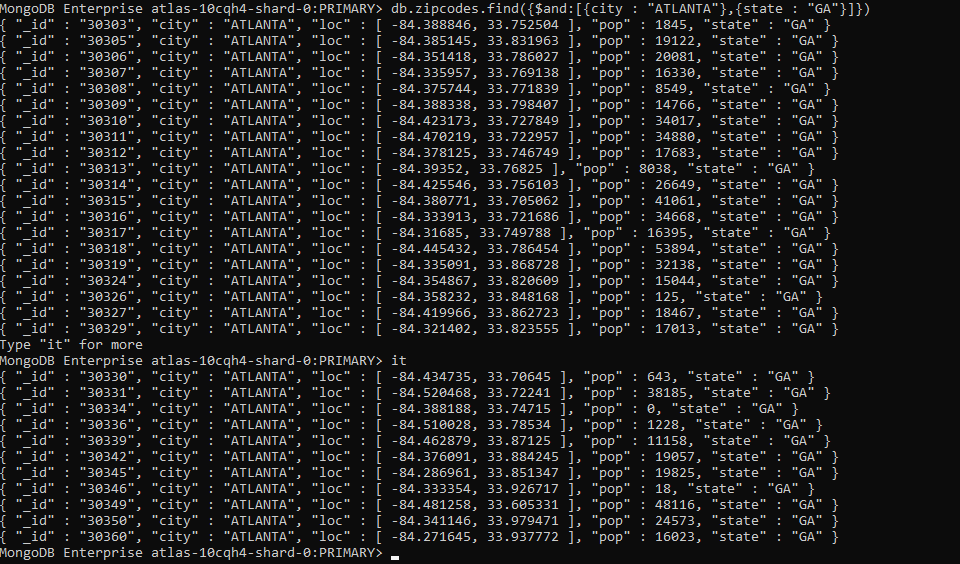
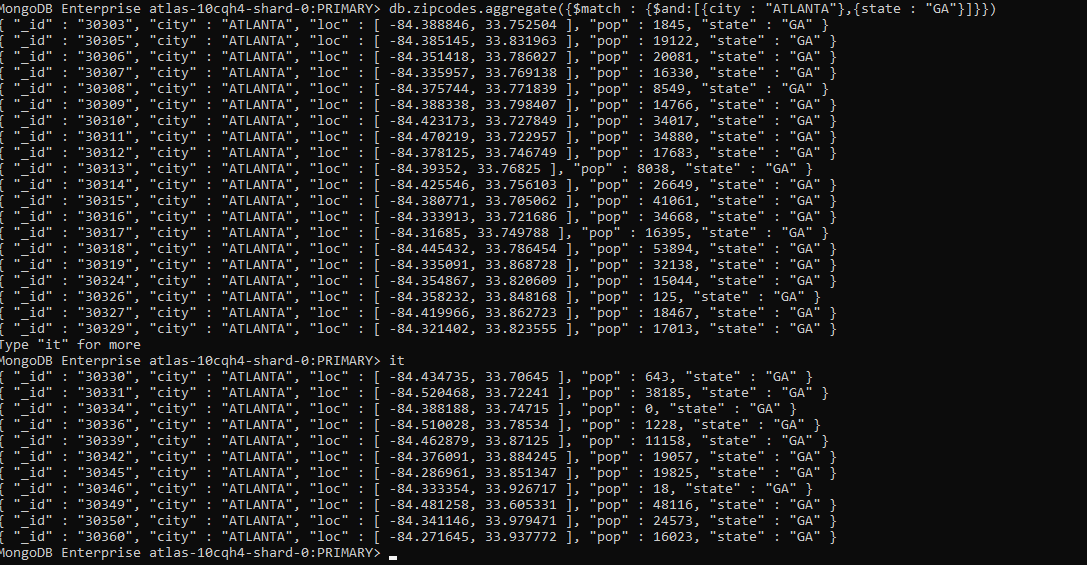
MongoDB Assignment 2

**Atlanta Population:**

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



2.Use db.zipcodes.aggregate with $match to do the same as above



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

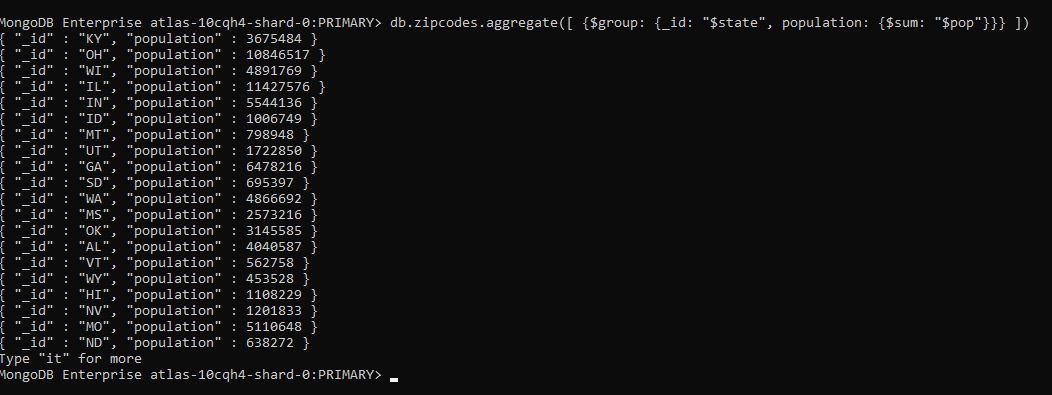


4. Use $group to find the total population in Atlanta.

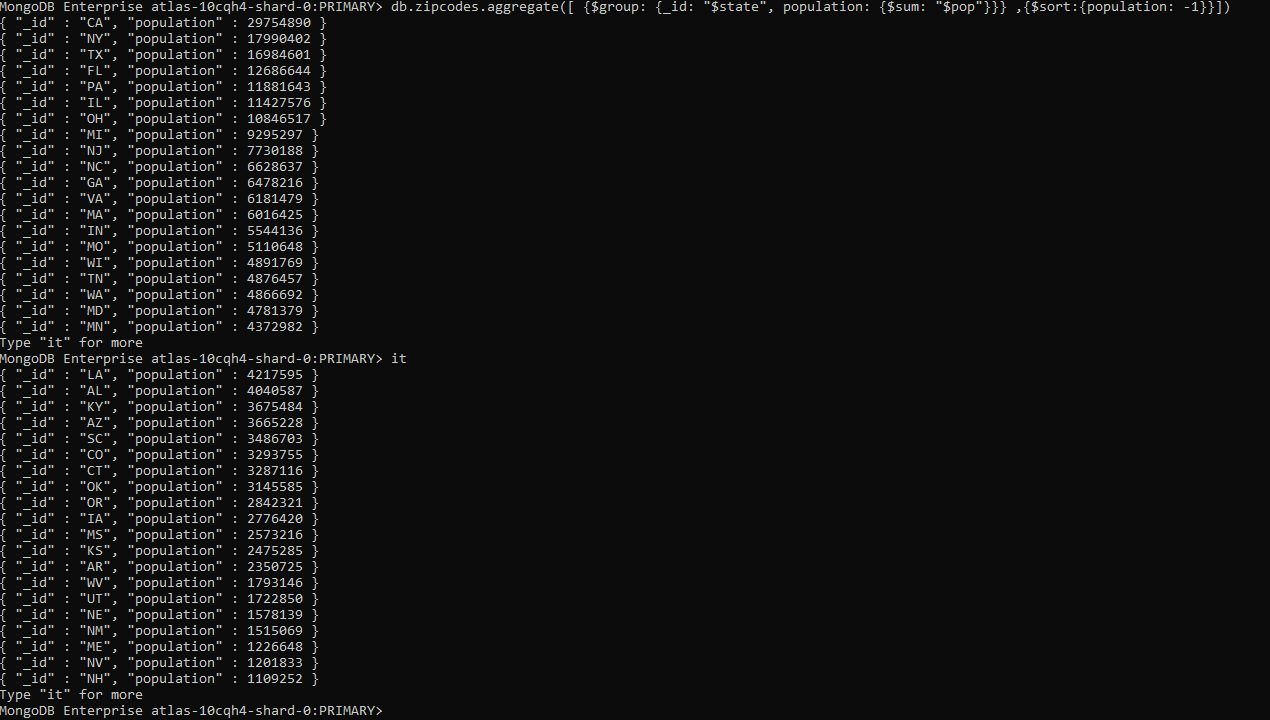


**Population By State:**

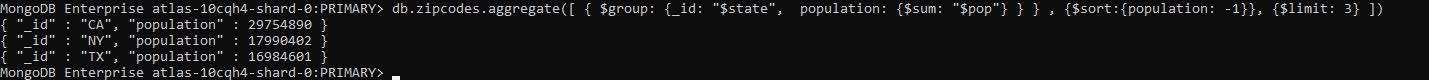
5. Use aggregate to calculate total population for each state.



6.Sort the results by population,highest first.

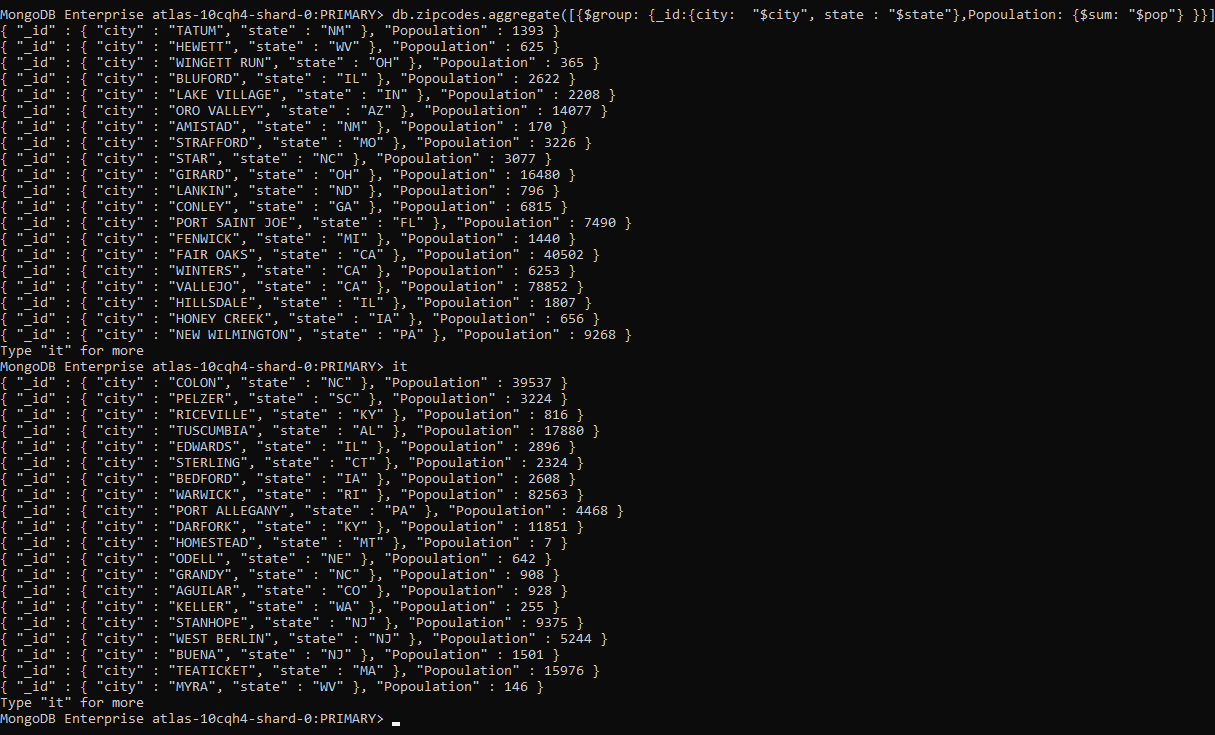


7.Limit the results to just the first 3 results.

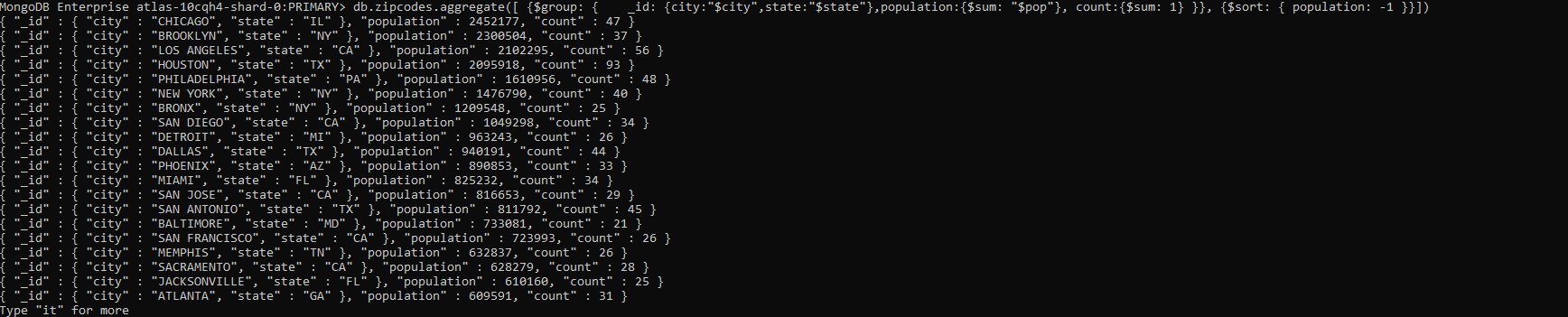


**Population By City:**

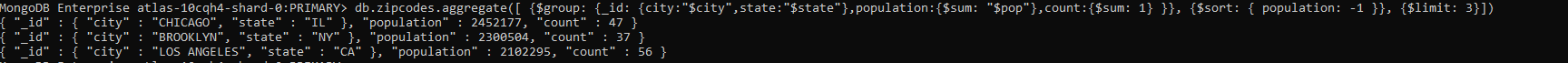
8.Use aggregate to calculate the total population for each city.



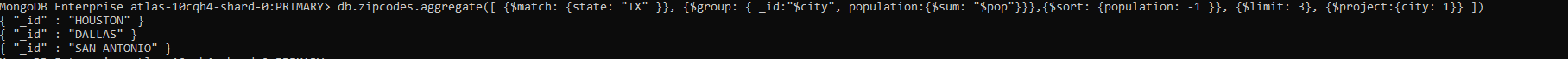
9.Sort the results by population, highest first.



10.Limit the results to just the first 3 results.

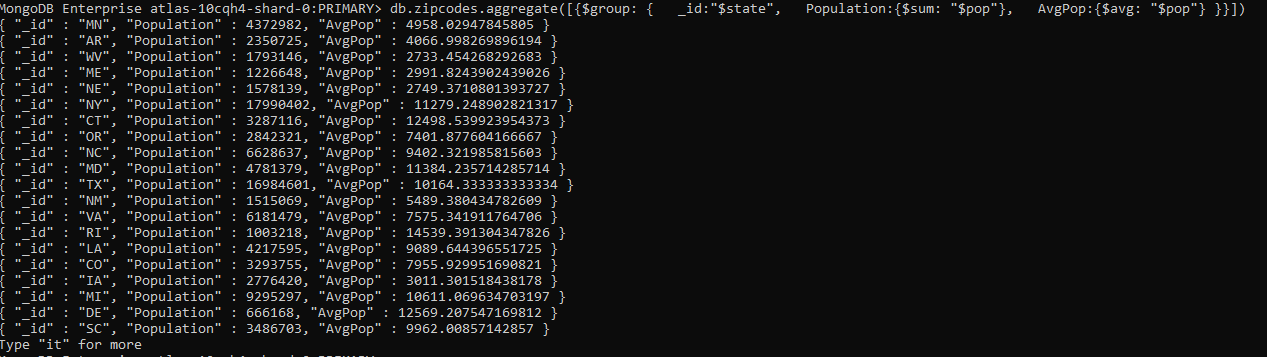


11.What are the top 3 cities in population in Texas.



**Bonus:**

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



2.Write are the top 3 states in terms of average city population.

