ASSIGNMENT 2

**ATLANTA POPULATION**

*QUERY-*

1. db.zipcodes.find({city:"ATLANTA",state:"GA"})
2. db.zipcodes.aggregate([{$match:{city:"ATLANTA"},{state:"GA"}}])
3. db.zipcodes.aggregate({$group:{count:{$sum:1}}})
4. db.population.aggregate({$group:{sum:{$sum:0}}})

**POPULATION BY STATE**

*QUERY-*

1. db.population.aggregate({$sum:0},{$sort:{state:1}})
2. db.population.aggregate({$sum:0},{$sort:{state:-1}})
3. db.population.aggregate({$sum:0},{$sort:{state:-1}},{$limit:3})

**POPULATION BY CITY**

*QUERY-*

1. db.population.aggregate({{$sum:0},$group:{city:'$city',state:'$state'}})
2. db.population.aggregate({{$sum:0},$group:{city:'$city',state:'$state'},{$sort:-1}})
3. db.population.aggregate({{$sum:0},$group:{city:'$city',state:'$state'},{$sort:-1},{$limit:3}})
4. db.population.aggregate({{city:"Texas"},{$sort:-1},{$limit:3}})

**BONUS**

*QUERY-*

1. db.population.aggregate({$group:{$avg:city},{$sort:state}})
2. db.population.aggregate({$group:{$avg:city}},{$limit:3})