**Assignment-2**

**Section1**

1) db.zipcodes.find({“city”:”ATLANTA”,”state”:”GA”}).pretty()

2)db.zipcodes.aggregate([{$match:{city:”ATLANTA”,state:”GA”}}])

3) db.zipcodes.aggregate([{$match:{city:”ATLANTA”}},{$group:{\_id:”city”,count:{$sum:1}}}])

4) db.zipcodes.aggregate([{$match:{city:”ATLANTA”}},{$group:{\_id:”city”,count:{$sum:”pop”}}])

**Section2**

**1)db.zipcodes.aggregate([{$group:{\_id:”$state”,tpop:{$sum:”$pop”}}}])**

**2) db.zipcodes.aggregate([{$group:{\_id:”$state”,tpop:{$sum:”$pop”}}},{$sort:{tpop:1}}])**

**3) db.zipcodes.aggregate([{$group:{\_id:”$state”,tpop:{$sum:”$pop”}}},{$sort:{tpop:1}}{$limit:3}])**

**Section3**

**1) db.zipcodes.aggregate([{$group:{\_id:{state:”$state”,city:”$city”},tpop:{$sum:”$pop”}}}])**

**2) db.zipcodes.aggregate([{$group:{\_id:{state:”$state”,city:”$city”},tpop:{$sum:”$pop”}}},{$sort:{tpop:-1}}])**

**3) db.zipcodes.aggregate([{$group:{\_id:{state:”$state”,city:”$city”},tpop:{$sum:”$pop”}}},{$sort:{tpop:-1}},{$limit:3}])**

**4) db.zipcodes.aggregate([{$group:{\_id:{state:”TX”,city:”$city”},tpop:{$sum:”$pop”}}},{$sort:{tpop:-1}},{$limit:3}])**