**Assignment 3:**

1. db.addresses.find({}).pretty()
2. db.addresses.find({} ,{ "restaurant\_id":1,"name":1,"borough":1,"cuisine":1 }).pretty()
3. db.addresses.find({} ,{ "restaurant\_id":1,"name":1,"borough":1,"cuisine":1 ,"\_id":0}).pretty()
4. db.addresses.find({} ,{ "restaurant\_id":1,"name":1,"borough":1,"address.zipcode":1 ,"\_id":0}).pretty()
5. db.addresses.find({"borough":"Bronx"}).limit(5).pretty()
6. db.addresses.find({"borough":"Bronx"}).pretty()
7. db.addresses.find({"borough":"Bronx"}).skip(5).limit(5).pretty()
8. db.addresses.find({"grades.score":{$gt:90}}).pretty()
9. db.addresses.find({ $and: [ {"grades.score":{$lt:100}}, {"grades.score":{$gt:80}} ] }).pretty()
10. db.addresses.find({"address.coord.0":{$lt:-95.754168}}).pretty()
11. db.addresses.find({ "cuisine":{$ne:"American"},"grades.score":{$gt:70},"address.coord.0":{$lt:-65.754168}} ).pretty()
12. db.addresses.find({ "cuisine":{$ne:"American"},"grades.score":{$gt:70},"address.coord.1":{$lt:-65.754168}} ).pretty()
13. db.addresses.find({ $and: [ {"cuisine":{$ne:"American"}}, {"grades.grade":"A"}, {"borough":{$ne:"Brooklyn"}} ]}).sort({"cuisine":-1}).pretty()
14. db.addresses.find({ "name":{$regex: /^Wil.\*/}},

... {"\_id":0,"restaurant\_id":1,"name":1,"borough":1,"cuisine":1}).pretty()

1. db.addresses.find({ "name":{$regex:/.\*ces$/}}, {"\_id":0,"restaurant\_id":1,"name":1,"borough":1,"cuisine":1}).pretty()
2. db.addresses.find({ "name": {$regex:/Reg/}}, {\_id:0,restaurant\_id:1,name:1,borough:1,cuisine:1} ).pretty()
3. db.addresses.find( {borough:"Bronx",$or:[{cuisine:"American"},{cuisine:"Chinese"}]} )
4. db.addresses.find({ $or: [{borough:"Staten Island"},{borough:"Queens"},{borough:"Bronx"},{borough:"Brooklyn"}] },{\_id:0,restaurant\_id:1,name:1,borough:1,cuisine:1 })
5. db.addresses.find({ borough:{$nin:["Staten Island","Queens","Bronx","Brooklyn"]}},{\_id:0,restaurant\_id:1,name:1,borough:1,cuisine:1 }).pretty()
6. db.addresses.find({ "grades.score":{$lte:10}},{\_id:0,restaurant\_id:1,name:1,borough:1,cuisine:1 })
7. db.address.find({$or[ {name: /^Wil/}, {"$and":[ {"cuisine" : {$ne :"American "}}, {"cuisine" :{$ne :"Chinees"}}]}]},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1})
8. db.addresses.find({ "grades.grade":"A","grades.date": ISODate("2014-08-11T00:00:00Z"),"grades.score":11}, {\_id:0, restaurants\_id:1,name:1,grades:1}).pretty()
9. db.addresses.find({ "grades.1.grade":"A","grades.1.date": ISODate("2014-08-11T00:00:00Z"),"grades.1.score":9}, {\_id:0, restaurants\_id:1,name:1,grades:1}).pretty()
10. db.addresses.find({ $and:[{"address.coord.1":{$gt:42}}, {"address.coord.1":{$lte:52}}]},{\_id:0,restaurant\_id:1,name:1,address:1 }).pretty()
11. db.addresses.find({},{\_id:0,name:1}).sort({name:1})
12. db.addresses.find({},{\_id:0,name:1}).sort({name:-1})
13. db.addresses.find({},{\_id:0,cuisine:1,borough:1}).sort({cuisine:1,borough:-1})
14. db.addresses.find( { "address.street": {$exists: true}} ).pretty()
15. db.addresses.find({"address.coord":{$type:"double"}}).pretty()
16. db.addresses.find({ "grades.score":{$mod:[7,0]}},{\_id:0,restaurant\_id:1,name:1,grades:1}).pretty()
17. db.addresses.find({name:{$regex:/mon/}},{\_id:0,cuisine:1,borough:1,name:1,"address.coord":1})
18. db.addresses.find({name:{$regex:/^Mad.\*/}},{\_id:0,cuisine:1,borough:1,name:1,"address.coord":1})