**Assignment 3**

1)db.addresses.find().pretty()

2)db.addresses.aggregate([{$porject:{‘restaurant\_id’:’1’,’’name’:’1’,’borough’:’1’,’cuisin’:’1’ }}])

3) db.addresses.aggregate([{$porject:{‘restaurant\_id’:’1’,’’name’:’1’,’borough’:’1’,’cuisin’:’1’,’\_id’:0}}])

4) db.addresses.aggregate([{$porject:{‘restaurant\_id’:’1’,’’name’:’1’,’borough’:’1’,’cuisin’:’1’,’address.zipcodes’:1}}])

5) db.addresses.find({‘borough’:’Bronx’}).limit(5)

6) db.addresses.aggregate([{$match:{borough:”Bronx”}}])

7) db.addresses.aggregate([{$match:{borough:”Bronx”}},{$skip:5},{$limit:5}])

8) db.addresses.find({‘grades.score’:{$gt:90}}).pretty()

9) db.addresses.find({‘grades.score’:{$gt:80,$lt:100}}).pretty()

10)db.addresses.aggregate([{$match:{‘address.coord’:{$lt:-95.754168}}}]).pretty()

11) db.addresses.aggregate([{$match:{‘cuisine’:{$ne:”American”}}}]).pretty()

12) db.addresses.aggregate([{$match:{‘cuisine’:{$ne:”American”}}}]).pretty()

13)db.addreses.find({‘cuisine:{$ne:’American’}},’grades.score’:{$gt:70},’address.coord’:{$lt:-65.754168}});

14)db.addresses.find({name:/^Wil/},{“restaurant\_id”:1,”name”:1,”borough”:1,”cuisine”:1})

15) db.addresses.find({name:/ces$/},{“restaurant\_id”:1,”name”:1,”borough”:1,”cuisine”:1})

16) db.addresses.find({name:/Reg/},{“restaurant\_id”:1,”name”:1,”borough”:1,”cuisine”:1})

17)db.addresses.find({“borough”:”Borax”,$or:[{“cuisine”:American},{“cuisine”:Chinese}]})

18) db.addresses.find({$or:[{“borough”:”Staten Island”},{“borough”:”Queens”},{“borough”:”Bronxor Brooklyn”}]},{“restaurant\_id”:1,”name”:1,”borough”:1,”cuisine”:1}).pretty()

19) db.addresses.find({$nor:[{“borough”:”Staten Island”},{“borough”:”Queens”},{“borough”:”Bronxor Brooklyn”}]},{“restaurant\_id”:1,”name”:1,”borough”:1,”cuisine”:1}).pretty()

20) db.addresses.find({‘grades.score’:{$lt:10}},{“restaurant\_id”:1,”name”:1,”borough”:1,”cuisine”:1}).pretty()

21)db.addresses.find({$or:[name:/Wil/},{‘cuisine’:{$nin:[“American”,”Chinese”]}}]},{‘restaurant\_id’:1,’cuisine’:1,’borough’:1}).pretty()

22)db.addressses.find({‘grades.date’:ISODate(“2014-08-11T00:00:00Z”),’grades.grade’:’A’,’grades.score’:11},{‘restaurant\_id’:1,’borough’:1}).pretty()

23) db.addressses.find({‘grades.1.date’:ISODate(“2014-08-11T00:00:00Z”),’grades.1.grade’:’A’,’grades.score’:11},{‘restaurant\_id’:1,’borough’:1}).pretty()

24)db.addresses.find({‘address.coord.1’:{$gt:42,$lt:52}},{‘restaurant\_id’:1,’borough’:1,’cuisine’:1}).pretty()

25) db.addresses.find().sort({‘name’:1).pretty()

26) db.addresses.find().sort({‘name’:-1).pretty()

27) db.addresses.find().sort({‘cuisine’:1,’borough’:1).pretty()

28) db.addresses.find({‘address.street’:{$exist:true}}).pretty()

29) db.addresses.find({‘address.coord’:{$type:”double”}}).pretty()

30) db.addresses.aggregate([{$match:{‘address.coord’:{$type:’double’}}},{$project:{name:1}}]).pretty()

31)db.addresses.find({‘name’:/mon/},{‘restaurant\_id’:1,’cuisine’:1,’borough’:1,’grades’:1}).pretty()

32)db.addresses.find({‘name’:/Mad/},{‘name’:1,’borough’:1,’cuisine’:1,’address.coord’:1}).pretty()