MongoDB Assignment 3

1. db.addresses.find()
2. db.addresses.find({},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1})
3. db.addresses.find({},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1,"\_id":0})
4. db.addresses.find({},{"restaurant\_id" : 1,"name":1,"borough":1,"address.zipcode" :1,"\_id":0})
5. db.addresses.find({"borough": "Bronx"}).limit(5)
6. db.addresses.find({"borough": "Bronx"})
7. db.addresses.find({"borough": "Bronx"}).skip(5).limit(5)
8. db.addresses.find({grades : { $elemMatch:{"score":{$gt : 90}}}})
9. db.addresses.find({grades : { $elemMatch:{"score":{$gt : 80 , $lt :100}}}})
10. db.addresses.find({"address.coord" : {$lt : -95.754168}})
11. db.addresses.find({$and:[{"cuisine" : {$ne :"American "}}, {"grades.score" : {$gt : 70}},{"address.coord" : {$lt : -65.754168}}]})
12. db.addresses.find({"cuisine" : {$ne : "American "}, "grades.score" :{$gt: 70},"address.coord" : {$lt : -65.754168}})
13. db.addresses.find( {"cuisine" : {$ne : "American "}, "grades.grade" :"A","borough": {$ne : "Brooklyn"}}).sort({"cuisine":-1})
14. db.addresses.find({name: /^Wil/},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1})
15. db.addresses.find({name: /ces$/},{"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": "Bronx",$or : [{ "cuisine" : "American " },{ "cuisine" : "Chinese" }]
18. db.addresses.find({"borough" :{$in :["StatenIsland","Queens","Bronx","Brooklyn"]}},{"restaurant\_id" : 1, "name":1,"borough":1,"cuisine" :1})
19. db.addresses.find({"borough" :{$nin :["StatenIsland","Queens","Bronx","Brooklyn"]}},{"restaurant\_id" : 1, "name":1,"borough":1,"cuisine" :1})
20. db.addresses.find({"grades.score" : { $not:{$gt : 10}}},{"restaurant\_id" : 1,"name":1,"borough":1, "cuisine" :1})
21. db.addresses.find({$or:[{name: /^Wil/},{"$and":[{"cuisine" : {$ne :"American "}},{"cuisine" : {$ne :"Chinees"}}]}]},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1})
22. db.addresses.find({"grades.date": ISODate("2014-08-11T00:00:00Z"),"grades.grade":"A","grades.score" : 11},{"restaurant\_id" : 1,"name":1,"grades":1})
23. db.addresses.find({ "grades.1.date": ISODate("2014-08-11T00:00:00Z"),"grades.1.grade":"A" ,"grades.1.score" : 9},{"restaurant\_id" : 1,"name":1,"grades":1})
24. db.addresses.find({"address.coord.1": {$gt : 42, $lte : 52}},{"restaurant\_id" : 1,"name":1,"address":1,"coord":1})
25. db.addresses.find().sort({"name":1})
26. db.addresses.find().sort({"name":-1})
27. db.addresses.find().sort({"cuisine":1,"borough" : -1})
28. db.addresses.find({"address.street" :{ $exists : true }})
29. db.addresses.find({"address.coord" : {$type : 1}})
30. db.addresses.find({"grades.score" :{$mod : [7,0]}},{"restaurant\_id" : 1,"name":1,"grades":1}
31. db.addresses.find({ name :{ $regex : ".\*mon.\*", $options: "i" }},{"name":1,"borough":1,"address.coord":1,"cuisine" :1})
32. db.addresses.find({ name :{ $regex : "^Mad", $options: "i" }},{"name":1,"borough":1,"address.coord":1,"cuisine" :1})