**ASSIGNMENT-3**

1. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find().pretty()
2. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1}).pretty()
3. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{\_id:0,restaurant\_id:1,borough:1,cuisine:1}).pretty()
4. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{\_id:0,restaurant\_id:1,borough:1,"address.zipcode":1}).pretty()
5. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{"borough":"Bronx"}).pretty().limit(5)
6. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.aggregate([{$match:{"borough":"Bronx"}}]).pretty()
7. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.aggregate([{$match:{"borough":"Bronx"}}]).pretty()
8. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({"grades.score":{$gt:90}}).pretty()
9. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({"grades.score":{$gt:80,$lt:100}}).pretty()
10. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({$and : [{"cuisine" : {$ne : "American "}}, {"address.coord.0" : {$lt : -95.754168}})
11. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({$and : [{"cuisine" : {$ne : "American "}}, {"address.coord.0" : {$lt : -65.754168}}, {"grades.score" : {$gt : 70}}]})
12. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({$and : [{"cuisine" : {$ne : "American "}}, {"address.coord.1" : {$lt : -65.754168}}, {"grades.score" : {$gt : 70}}]})
13. db.addresses.find({"cuisine":{$ne:"American"},"grades.grade":{$eq:"A"},"borough":{$ne:"Brooklyn"}}).pretty().sort({"cuisine":-1})
14. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"name":{$regex: /^Wil/, $options:'i'}}).pretty()
15. db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"name":{$regex: /^ces/, $options:'i'}}).pretty()
16. db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"name":{$regex: /^Reg/, $options:'i'}}).pretty()
17. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({"borough":"Brooklyn"},{cuisine:{$or:["American ","Chnise"]}}).pretty()
18. db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"borough":{$or:["Staten Island","Queens","Bronxor Brooklyn"]}}).pretty()
19. db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"borough":{$or:[{$ne:"Staten Island"},{$ne:"Queens"},{$ne:"Bronxor Brooklyn"}]}}).pretty()
20. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"grades.score":{$lt:10}}).pretty()
21. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{restaurant\_id:1,borough:1,cuisine:1},{"name":{$regex: /^Wil/, $options:'i'}},{"cuisine":{$and:["American ","Chinese"]}}).pretty()
22. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.restaurants.find( { "grades.date": ISODate("2014-08-11T00:00:00Z"),"grades.grade":"A, "grades.score" : 11 }, {"restaurant\_id" : 1,"name":1,"grades")
23. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.restaurants.find( { "grades.date": ISODate("2014-08-11T00:00:00Z"),"grades.grade":"A, "grades.score" : 9 }, {"restaurant\_id" : 1,"name":1,"grades")

1. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.restaurants.find( { "address.coord.1":{$gt : 42, $lte : 52} }, {"restaurant\_id" : 1,"name":1,"address":1,"coord":1})
2. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{\_id:0,name:1}).sort({name:1}).pretty()

1. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{\_id:0,name:1}).sort({name:-1}).pretty()
2. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({},{\_id:0,name:1,borough:1}).sort({name:1},{borough:-1}).pretty()
3. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({"address.street":{$exists: true}}).pretty()
4. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({"address.coord":{$type: 1}}).pretty()
5. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({"address.coord":{$type: 1}}).pretty()
6. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({"name":{$regex: /^mon/, $options:'i'}},{"address.coords":1,"cuisine":1,"name":1,"borough":1}).pretty()
7. MongoDB Enterprise atlas-p5qr6z-shard-0:PRIMARY> db.addresses.find({"name":{$regex: /^Mad/, $options:'i'}},{"address.coords":1,"cuisine":1,"name":1,"borough":1}).pretty()