Commands used

1)db.address.find().pretty()

2)db.address.find({}, {_id:1, name:1, cuisine: 1, borough: 1, restaurant_id: 1}).pretty()

3)db.address.find({},{restaurant_id:1,name:1,borough:1,cuisine:1}).pretty()

4)db.address.find({},{restaurant_id:1,name:1,borough:1,zipcode:1}).pretty()

5)db.address.find({borough:"Bronx"}).pretty().limit(5)

6)db.address.find({borough:"Bronx",},{name:1,restaurent_id:1})

7)db.address.find({borough:"Bronx"}).pretty().skip(5)limit(5)

8)db.address.find({"grades.score" : {"$gt" : 90}})

9)db.address.find({$and : [{"grades.score" : {"$gt" : 80}},{"grades.score" : {"$lt" : 100}}]})

10)db.address.find({"address.coord.0" : {$lt : -95.7541}})

11)db.address.find({$and : [{"cuisine" : {$ne : "American "}}, {"address.coord.0" : {$lt : -65.754168}}, {"grades.score" : {$gt : 70}}]})

12)db.address.find({$and : [{"cuisine" : {$ne : "American "}}, {"address.coord.1" : {$lt : -65.754168}}, {"grades.score" : {$gt : 70}}]})

13)db.address.find({$and : [{"cuisine" : {$ne : "American "}}, {"grades.grade" : "A"}, {"borough" : {$ne : "Brooklyn "}}]}).sort({cuisine : -1})

14)db.address.find({"name" : { $regex: /^Wil.*/}}, {_id:0, restaurant_id:1, name:1, borough:1, cuisine:1})

15)db.address.find({"name" : { $regex: /.*ces$/}}, {_id:0, restaurant_id:1, name:1, borough:1, cuisine:1})

16)db.address.find({"name" : { $regex: /Reg/}}, {_id:0, restaurant_id:1, name:1, borough:1, cuisine:1})

17)db.address.find({borough: "Bronx", cuisine: {$in: ["American ","Chinese"]}}, {_id:0, restaurant_id:1, name:1, borough:1, cuisine:1})

18)db.address.find({$or: [{"borough": "Staten Island"}, {"borough": "Bronxor Brooklyn"}, {"borough": "Queens"}]}, {_id:0, restaurant_id:1, name:1, borough:1, cuisine:1})

19)db.address.find({borough: {$nin: ["Staten Island","Queens","Bronx","Brooklyn"]}} , {_id:0, restaurant_id:1, name:1, borough:1, cuisine:1})

20)db.address.find({"grades.score": {$lte: 10}}, {_id:0, restaurant_id:1, name:1, borough:1, cuisine:1})

21)db.address.find({$nor: [{cuisine: {$in: ["American ","Chinese"]}},{name: /^Wil.*/}]},{_id:0, restaurant_id:1, name:1, borough:1, cuisine:1})

22)db.address.find({"grades" : {$elemMatch: {"date": ISODate("2014-08-11T00:00:00Z"), "grade":"A", "score":11}}}, {_id:0, restaurant_id:1, name:1, grades:1})

23)db.address.find({$and: [{"grades.1.grade":"A"}, {"grades.1.score": 9}, {"grades.1.date": ISODate("2014-08-11T00:00:00Z")}]},{_id:0, restaurant_id:1, name:1, grades:1}).pretty()

24)db.address.find({$and : [{"address.coord.1": {$gt : 42}},{"address.coord.1": {$lte : 52}}]}, {_id:0, restaurant_id:1, name:1, address:1})

25)db.address.find({},{_id:0, name:1}).sort({name: 1})

26)db.address.find({},{_id:0, name:1}).sort({name: -1})

27)db.address.find({}, {_id:0, cuisine:1, borough:1}).sort({cuisine: 1, borough: -1})

28)db.address.find({"address.street": {$regex: /Street/}}).pretty()

29)db.address.find({"address.coord": {$type: "double"}}, {_id:0, address:1})

30)db.address.find({"grades": {$elemMatch: {"score": {$mod: [7,0]}}}},{_id:0, restaurant_id:1, name:1, grades:1})

31)db.address.find({name: {$regex: /mon/}},{_id:0, name:1, borough:1, "address.coord":1, cuisine:1})

32)db.address.find({name: {$regex: /^Mad.*/}},{_id:0, name:1, borough:1, "address.coord":1, cuisine:1})