Q2

db.addresses.find({},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1});

Q3

db.addresses.find({},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1,"\_id":0});

Q4

db.addresses.find({},{"restaurant\_id" : 1,"name":1,"borough":1,"address.zipcode" :1,"\_id":0});

Q5

db.addresses.find({"borough": "Bronx"});

Q6

db.addresses.find({"borough": "Bronx"}).limit(5);

Q7

db.addresses.find({"borough": "Bronx"}).skip(5).limit(5);

Q8

db.addresses.find({grades : { $elemMatch:{"score":{$gt : 90}}}});

Q9

db.addresses.find({grades : { $elemMatch:{"score":{$gt : 80 , $lt :100}}}});

Q10

db.addresses.find({"address.coord" : {$lt : -95.754168}});

Q11

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

Q12

db.addresses.find(

{

"cuisine" : {$ne : "American "},

"grades.score" :{$gt: 70},

"address.coord" : {$lt : -65.754168}

}

);

Q13

db.addresses.find( { "cuisine" : {$ne : "American "}, "grades.grade" :"A", "borough": {$ne : "Brooklyn"} } ).sort({"cuisine":-1});

Q14

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

Q15

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

Q16

db.addresses.find({"name": /.\*Reg.\*/},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1});

Q17

db.addresses.find({ "borough": "Bronx" , $or : [{ "cuisine" : "American " },{ "cuisine" : "Chinese" }] } );

Q18

db.addresses.find({"borough" :{$in :["Staten Island","Queens","Bronx","Brooklyn"]}},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1});

Q19

db.addresses.find({"borough" :{$nin :["Staten Island","Queens","Bronx","Brooklyn"]}},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1});

Q20

db.addresses.find({"grades.score" : { $not: {$gt : 10}}},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1});

Q21

db.addresses.find({$or: [{name: /^Wil/}, {"$and": [ {"cuisine" : {$ne :"American "}}, {"cuisine" : {$ne :"Chinees"}}]}]},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1});

Q22

db.addresses.find( { "grades.date": ISODate("2014-08-11T00:00:00Z"), "grades.grade":"A" , "grades.score" : 11 }, {"restaurant\_id" : 1,"name":1,"grades":1} );

Q23

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});

Q24

db.addresses.find( { "address.coord.1": {$gt : 42, $lte : 52}}, {"restaurant\_id" : 1,"name":1,"address":1,"coord":1} )

Q25

db.addresses.find().sort({"name":1});

Q26

db.addresses.find().sort({"name":-1});

Q27

db.addresses.find().sort({"cuisine":1,"borough" : -1,} );

Q28

db.addresses.find({"address.coord" : {$type : 1}});

Q29

db.addresses.find({"address.coord" : {$type : 1}} );

Q30

db.addresses.find( {"grades.score" : {$mod : [7,0]}},{"restaurant\_id" : 1,"name":1,"grades":1} );

Q31

db.addresses.find({ name : { $regex : "mon.\*", $options: "i" } },{"name":1, "borough":1,"address.coord":1, "cuisine" :1 });

Q32

db.addresses.find( { name : { $regex : /^Mad/i, }}, {"name":1,"borough":1,"address.coord":1, "cuisine" :1 });