>show dbs

>use restaurantsaurants

>db.addresses.find()

>db.restaurants.find()

>db.restaurants.find({}, {\_id:1, name:1, cuisine: 1, borough: 1, restaurantsaurant\_id: 1})

>db.restaurants.find({}, {\_id:0, name:1, cuisine: 1, borough: 1, restaurantsaurant\_id: 1})

>db.restaurants.find({}, {\_id:0, name:1, cuisine: 1, borough: 1, restaurantsaurant\_id: 1, "address.zipcode": 1})

>db.restaurants.find({"borough" : "Bronx"}).pretty()

>db.restaurants.find({"borough" : "Bronx"}).limit(5)

>db.restaurants.find({"borough":"Bronx"}).skip(5).limit(5)

>db.restaurants.find({"grades.score" : {"$gt" : 90}})

>db.restaurants.find({$and : [{"grades.score" : {"$gt": 90}},{"grades.score" : {"$lt" : 100}}]})

>db.restaurants.find({"address.coord.0" : {$lt : -95.754168}})

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

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

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

>db.restaurants.find({"name" : { $regex: /^Wil.\*/}}, {\_id:0, restaurantsaurant\_id:1, name:1, borough:1, cuisine:1})

>db.restaurants.find({"name" : { $regex: /.\*ces$/}}, {\_id:0, restaurantsaurant\_id:1, name:1, borough:1, cuisine:1})

>db.restaurants.find({"name" : { $regex: /Reg/}}, {\_id:0, restaurantsaurant\_id:1, name:1, borough:1, cuisine:1})

>db.restaurants.find({borough: "Bronx", cuisine: {$in: ["American ","Chinese"]}}, {\_id:0, restaurantsaurant\_id:1, name:1, borough:1, cuisine:1})

>db.restaurants.find({$or: [{"borough": "Staten Island"}, {"borough": "Bronxor Brooklyn"}, {"borough": "Queens"}]}, {\_id:0, restaurantsaurant\_id:1, name:1, borough:1, cuisine:1})

>db.restaurants.find( {borough: {$nin: ["Staten Island","Queens","Bronx","Brooklyn"]}} , {\_id:0, restaurantsaurant\_id:1, name:1, borough:1, cuisine:1})

>db.restaurants.find({"grades.score": {$lte: 10}}, {\_id:0, restaurantsaurant\_id:1, name:1, borough:1, cuisine:1})

>db.restaurants.find({$nor: [{cuisine: {$in: ["American ","Chinese"]}},{name: /^Wil.\*/}]},{\_id:0, restaurantsaurant\_id:1, name:1, borough:1, cuisine:1})

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

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

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

>db.restaurants.find({},{\_id:0, name:1}).sort( {name: 1})

>db.restaurants.find({},{\_id:0, name:1}).sort( {name: -1})

>db.restaurants.find({}, {\_id:0, cuisine:1, borough:1}).sort({cuisine: 1, borough: -1})

>db.restaurants.find({"address.street": {$regex: /Street/}}).pretty() #With street

>db.restaurants.find({"address.street": {$ne: {$regex: /Street/}}}).pretty() #not with street

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

>db.restaurants.find({"grades": {$elemMatch: {"score": {$mod: [7,0]}}}},{\_id:0, restaurantsaurant\_id:1, name:1, grades:1})

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

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