

Assignment -3

Queries Used

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

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        "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 :["Staten Island","Queens","Bronx","Brooklyn"]}},
{
  "restaurant_id" : 1,
  "name":1,"borough":1,
  "cuisine" :1
}
);
```

```
19).db.addresses.find(
{"borough" :{$nin :["Staten Island","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,  
});
```

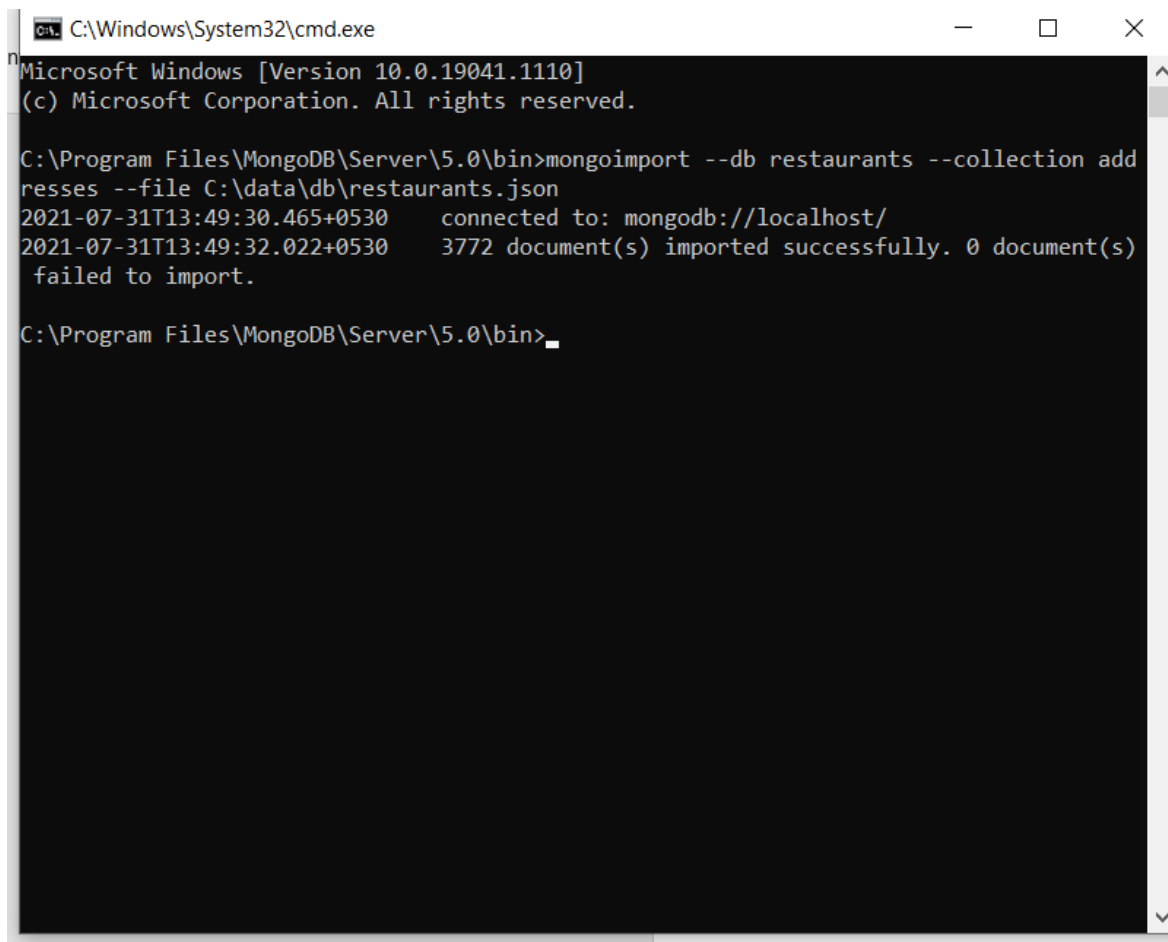
```
28).db.addresses.find(  
    {"address.street" :  
    { $exists : true }  
    }  
);
```

```
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/i, }  
    },  
    {  
      "name":1,  
      "borough":1,  
      "address.coord":1,  
      "cuisine" :1  
    }  
  );
```



```
C:\Windows\System32\cmd.exe  
Microsoft Windows [Version 10.0.19041.1110]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Program Files\MongoDB\Server\5.0\bin>mongoimport --db restaurants --collection addresses --file C:\data\db\restaurants.json  
2021-07-31T13:49:30.465+0530    connected to: mongod://localhost/  
2021-07-31T13:49:32.022+0530    3772 document(s) imported successfully. 0 document(s)  
    failed to import.  
  
C:\Program Files\MongoDB\Server\5.0\bin>
```

RESULTS

C:\Windows\System32\cmd.exe - mongo

```

use restaurants
switched to db restaurants
> db.addresses.find()
{ "_id" : ObjectId("6105079229b133cb9b06cea"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10466", "borough" : "Brooklyn", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" },
{ "_id" : ObjectId("6105079229b133cb9b06ceaf"), "address" : { "building" : "2780", "coord" : [ -73.98241999999999, 40.579505 ], "street" : "Stillwell Avenue", "zipcode" : "11224", "borough" : "Brooklyn", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-06-10T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-05T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Riviera Catering", "restaurant_id" : "40356018" },
{ "_id" : ObjectId("6105079229b133cb9b06ceb0"), "address" : { "building" : "351", "coord" : [ -73.98513559999999, 40.7676919 ], "street" : "West 57 Street", "zipcode" : "10019", "borough" : "Manhattan", "cuisine" : "Irish", "grades" : [ { "date" : ISODate("2014-09-06T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-07-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-07-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-12-29T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "DJ Reynolds Pub And Restaurant", "restaurant_id" : "30191841" },
{ "_id" : ObjectId("6105079229b133cb9b06ceb1"), "address" : { "building" : "8825", "coord" : [ -73.8803827, 40.7643124 ], "street" : "Astoria Boulevard", "zipcode" : "11369", "borough" : "Queens", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-11-15T00:00:00Z"), "grade" : "Z", "score" : 38 }, { "date" : ISODate("2014-05-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-09-02T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-02-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-02-03T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" },
{ "_id" : ObjectId("6105079229b133cb9b06ceb2"), "address" : { "building" : "97-22", "coord" : [ -73.860152, 40.7311739 ], "street" : "63 Road", "zipcode" : "11374", "borough" : "Queens", "cuisine" : "Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-11-24T00:00:00Z"), "grade" : "Z", "score" : 20 }, { "date" : ISODate("2013-01-17T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-08-02T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-15T00:00:00Z"), "grade" : "B", "score" : 25 } ], "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" },
{ "_id" : ObjectId("6105079229b133cb9b06ceb3"), "address" : { "building" : "7114", "coord" : [ -73.9068586, 40.6199034 ], "street" : "Avenue U", "zipcode" : "11234", "borough" : "Brooklyn", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-03T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-09T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-10-14T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-09T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Wilken's Fine Food", "restaurant_id" : "40356483" },
{ "_id" : ObjectId("6105079229b133cb9b06ceb4"), "address" : { "building" : "2286", "coord" : [ -74.137286, 40.6119572 ], "street" : "Victory Boulevard", "zipcode" : "10314", "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-01-24T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Kosher Island Restaurant", "restaurant_id" : "40356068" },
{ "_id" : ObjectId("6105079229b133cb9b06ceb5"), "address" : { "building" : "6409", "coord" : [ -74.09528899999999, 40.628886 ], "street" : "11 Avenue", "zipcode" : "11219", "borough" : "Brooklyn", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-07-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-02-13T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-08-16T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-08-17T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-08-17T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Regina Caterers", "restaurant_id" : "40356649" },
{ "_id" : ObjectId("6105079229b133cb9b06ceb6"), "address" : { "building" : "1839", "coord" : [ -73.9482609, 40.6408271 ], "street" : "Nostrand Avenue", "zipcode" : "11226", "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "grades" : [ { "date" : ISODate("2014-07-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-10T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-07-11T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2012-02-23T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" },
{ "_id" : ObjectId("6105079229b133cb9b06ceb7"), "address" : { "building" : "7715", "coord" : [ -73.9973325, 40.61174899999999 ], "street" : "18 Avenue", "zipcode" : "11214", "borough" : "Brooklyn", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-04-16T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-04-23T00:00:00Z"), "grade" : "A", "score" : 5 } ]

```

C:\Windows\System32\cmd.exe - mongo

```

addresses.find((i, "restaurant_id" : 1, name : 1, "borough" : 1, "cuisine" : 1));
  "id" : ObjectId("6105079229b133cb9b06ceaa"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
  "id" : ObjectId("6105079229b133cb9b06ceaf"), "borough" : "Brooklyn", "cuisine" : "American", "name" : "Riviera Caterer", "restaurant_id" : "40356018" }
  "id" : ObjectId("6105079229b133cb9b06ceb0"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }
  "id" : ObjectId("6105079229b133cb9b06ceb1"), "borough" : "Queens", "cuisine" : "American", "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
  "id" : ObjectId("6105079229b133cb9b06ceb2"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
  "id" : ObjectId("6105079229b133cb9b06ceb3"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
  "id" : ObjectId("6105079229b133cb9b06ceb4"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant_id" : "40356442" }
  "id" : ObjectId("6105079229b133cb9b06ceb5"), "borough" : "Brooklyn", "cuisine" : "American", "name" : "Regina Caterers", "restaurant_id" : "40356649" }
  "id" : ObjectId("6105079229b133cb9b06ceb6"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" }
  "id" : ObjectId("6105079229b133cb9b06ceb7"), "borough" : "Brooklyn", "cuisine" : "American", "name" : "C & C Catering Service", "restaurant_id" : "40357437" }
  "id" : ObjectId("6105079229b133cb9b06ceb8"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant_id" : "40358429" }
  "id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant_id" : "40360045" }
  "id" : ObjectId("6105079229b133cb9b06ceba"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40360076" }
  "id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40361322" }
  "id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }
  "id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Glorious Food", "restaurant_id" : "40361521" }
  "id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Brooklyn", "cuisine" : "American", "name" : "The Movable Feast", "restaurant_id" : "40361606" }
  "id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Sal'S Deli", "restaurant_id" : "40361618" }
  "id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant_id" : "30112340" }
  "id" : ObjectId("6105079229b133cb9b06cec1"), "borough" : "Bronx", "cuisine" : "American", "name" : "Wild Asia", "restaurant_id" : "40357217" }

type "it" for more
it
  "id" : ObjectId("6105079229b133cb9b06cec2"), "borough" : "Manhattan", "cuisine" : "American", "name" : "1 East 66Th Street Kitchen", "restaurant_id" : "40359480" }
  "id" : ObjectId("6105079229b133cb9b06cec3"), "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully'S Deli", "restaurant_id" : "40361708" }
  "id" : ObjectId("6105079229b133cb9b06cec4"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant_id" : "40361998" }
  "id" : ObjectId("6105079229b133cb9b06cec5"), "borough" : "Manhattan", "cuisine" : "American", "name" : "P & S Deli Grocery", "restaurant_id" : "40362264" }
  "id" : ObjectId("6105079229b133cb9b06cec6"), "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet'S Kitchen", "restaurant_id" : "40362098" }
  "id" : ObjectId("6105079229b133cb9b06cec7"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Angelika Film Center", "restaurant_id" : "40362274" }
  "id" : ObjectId("6105079229b133cb9b06cec8"), "borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe", "restaurant_id" : "40362715" }
  "id" : ObjectId("6105079229b133cb9b06cec9"), "borough" : "Brooklyn", "cuisine" : "Caribbean", "name" : "Shashemene Int'l Restaura", "restaurant_id" : "40362869" }
  "id" : ObjectId("6105079229b133cb9b06ceca"), "borough" : "Queens", "cuisine" : "Chinese", "name" : "Ho Mei Restaurant", "restaurant_id" : "40362429" }
  "id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Down Town Deli", "restaurant_id" : "40363021" }
  "id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Bronx", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40363093" }
  "id" : ObjectId("6105079229b133cb9b06ced0"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle", "restaurant_id" : "40362344" }
  "id" : ObjectId("6105079229b133cb9b06ced0"), "borough" : "Brooklyn", "cuisine" : "Donuts", "name" : "Dunkin' Donuts", "restaurant_id" : "40363098" }
  "id" : ObjectId("6105079229b133cb9b06ced0"), "borough" : "Brooklyn", "cuisine" : "American", "name" : "Mejlander & Mulgannon", "restaurant_id" : "40363117" }
  "id" : ObjectId("6105079229b133cb9b06ced0"), "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Olive'S", "restaurant_id" : "40363151" }
  "id" : ObjectId("6105079229b133cb9b06ced1"), "borough" : "Bronx", "cuisine" : "Chinese", "name" : "Happy Garden", "restaurant_id" : "40363289" }
  "id" : ObjectId("6105079229b133cb9b06ced2"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Cafe Metro", "restaurant_id" : "40363298" }
  "id" : ObjectId("6105079229b133cb9b06ced3"), "borough" : "Manhattan", "cuisine" : "Sandwiches/Salads/Mixed Buffet", "name" : "Lexler Deli", "restaurant_id" : "40363426" }
  "id" : ObjectId("6105079229b133cb9b06ced4"), "borough" : "Staten Island", "cuisine" : "Delicatessen", "name" : "Bagels N Buns", "restaurant_id" : "40363427" }
  "id" : ObjectId("6105079229b133cb9b06ced5"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Tony'S Deli", "restaurant_id" : "40363333" }

type "it" for more

```

```

db.addresses.find({},{"restaurant_id":1,"name":1,"borough":1,"cuisine":1,"_id":0});
"borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
"borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer", "restaurant_id" : "40356018" }
"borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }
"borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
"borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
"borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
"borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant_id" : "40356442" }
"borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant_id" : "40356649" }
"borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" }
"borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant_id" : "40357437" }
"borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant_id" : "40358429" }
"borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant_id" : "40360045" }
"borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40360076" }
"borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40361322" }
"borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }
"borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food", "restaurant_id" : "40361521" }
"borough" : "Brooklyn", "cuisine" : "American ", "name" : "The Movable Feast", "restaurant_id" : "40361606" }
"borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Sal'S Deli", "restaurant_id" : "40361618" }
"borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant_id" : "30112340" }
"borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant_id" : "40357217" }
Type "it" for more

```

```

> db.addresses.find({},{"restaurant_id":1,"name":1,"borough":1,"address.zipcode":1,"_id":0});
{ "address" : { "zipcode" : "10462" }, "borough" : "Bronx", "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
{ "address" : { "zipcode" : "11224" }, "borough" : "Brooklyn", "name" : "Riviera Caterer", "restaurant_id" : "40356018" }
{ "address" : { "zipcode" : "10019" }, "borough" : "Manhattan", "name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }
{ "address" : { "zipcode" : "11369" }, "borough" : "Queens", "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
{ "address" : { "zipcode" : "11374" }, "borough" : "Queens", "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
{ "address" : { "zipcode" : "11234" }, "borough" : "Brooklyn", "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
{ "address" : { "zipcode" : "10314" }, "borough" : "Staten Island", "name" : "Kosher Island", "restaurant_id" : "40356442" }
{ "address" : { "zipcode" : "11219" }, "borough" : "Brooklyn", "name" : "Regina Caterers", "restaurant_id" : "40356649" }
{ "address" : { "zipcode" : "11226" }, "borough" : "Brooklyn", "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" }
{ "address" : { "zipcode" : "11214" }, "borough" : "Brooklyn", "name" : "C & C Catering Service", "restaurant_id" : "40357437" }
{ "address" : { "zipcode" : "11208" }, "borough" : "Brooklyn", "name" : "May May Kitchen", "restaurant_id" : "40358429" }
{ "address" : { "zipcode" : "11223" }, "borough" : "Brooklyn", "name" : "Seuda Foods", "restaurant_id" : "40360045" }
{ "address" : { "zipcode" : "11218" }, "borough" : "Brooklyn", "name" : "Carvel Ice Cream", "restaurant_id" : "40360076" }
{ "address" : { "zipcode" : "11004" }, "borough" : "Queens", "name" : "Carvel Ice Cream", "restaurant_id" : "40361322" }
{ "address" : { "zipcode" : "11209" }, "borough" : "Brooklyn", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }
{ "address" : { "zipcode" : "10021" }, "borough" : "Manhattan", "name" : "Glorious Food", "restaurant_id" : "40361521" }
{ "address" : { "zipcode" : "11215" }, "borough" : "Brooklyn", "name" : "The Movable Feast", "restaurant_id" : "40361606" }
{ "address" : { "zipcode" : "11356" }, "borough" : "Queens", "name" : "Sal'S Deli", "restaurant_id" : "40361618" }
{ "address" : { "zipcode" : "11225" }, "borough" : "Brooklyn", "name" : "Wendy'S", "restaurant_id" : "30112340" }
{ "address" : { "zipcode" : "10460" }, "borough" : "Bronx", "name" : "Wild Asia", "restaurant_id" : "40357217" }
Type "it" for more

```



```
> db.addresses.find({"borough": "Bronx"});
{ "_id" : ObjectId("6105079229b133cb9b06ceae"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
{ "_id" : ObjectId("6105079229b133cb9b06cec1"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-05-28T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-06-19T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-06-15T00:00:00Z"), "grade" : "A", "score" : 3 } ], "name" : "Wild Asia", "restaurant_id" : "40357217" }
{ "_id" : ObjectId("6105079229b133cb9b06cecc"), "address" : { "building" : "1006", "coord" : [ -73.848568700000, 40.8903781 ], "street" : "East 233 Street", "zipcode" : "10466" }, "borough" : "Bronx", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "grades" : [ { "date" : ISODate("2014-04-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-09-05T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-02-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-07-03T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-07-11T00:00:00Z"), "grade" : "A", "score" : 5 } ], "name" : "Carvel Ice Cream", "restaurant_id" : "40363093" }
{ "_id" : ObjectId("6105079229b133cb9b06ced1"), "address" : { "building" : "1236", "coord" : [ -73.8893654, 40.813761799999999 ], "street" : "238 Spofford Ave", "zipcode" : "10474" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2013-12-30T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-01-08T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-06-12T00:00:00Z"), "grade" : "B", "score" : 15 } ], "name" : "Happy Garden", "restaurant_id" : "40363289" }
{ "_id" : ObjectId("6105079229b133cb9b06cee3"), "address" : { "building" : "277", "coord" : [ -73.8941893, 40.8634684 ], "street" : "East Kingsbridge Road", "zipcode" : "10458" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-09-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-03-19T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-08-29T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-08-17T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Happy Garden", "restaurant_id" : "40364296" }
{ "_id" : ObjectId("6105079229b133cb9b06cee9"), "address" : { "building" : "658", "coord" : [ -73.81363999999999, 40.82941100000001 ], "street" : "Clarence Ave", "zipcode" : "10465" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-06-21T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2012-07-11T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Manhem Club", "restaurant_id" : "40364364" }
```

```

C:\Windows\System32\cmd.exe - mongo
> db.addresses.find({"borough": "Bronx"}).limit(5);
{ "_id" : ObjectId("6105079229b133cb9b06ceae"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
{ "_id" : ObjectId("6105079229b133cb9b06cec1"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-05-28T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-06-19T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-06-15T00:00:00Z"), "grade" : "A", "score" : 23 } ], "name" : "Wild Asia", "restaurant_id" : "40357217" }
{ "_id" : ObjectId("6105079229b133cb9b06cecc"), "address" : { "building" : "1006", "coord" : [ -73.84856870000002, 40.8903781 ], "street" : "East 233 Street", "zipcode" : "10466" }, "borough" : "Bronx", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "grades" : [ { "date" : ISODate("2014-04-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-09-05T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-02-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-07-03T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-07-11T00:00:00Z"), "grade" : "A", "score" : 5 } ], "name" : "Carvel Ice Cream", "restaurant_id" : "40363093" }
{ "_id" : ObjectId("6105079229b133cb9b06ced1"), "address" : { "building" : "1236", "coord" : [ -73.8893654, 40.81376179999999 ], "street" : "238 Spofford Ave", "zipcode" : "10474" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2013-12-30T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-01-08T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-06-12T00:00:00Z"), "grade" : "B", "score" : 15 } ], "name" : "Happy Garden", "restaurant_id" : "40363289" }
{ "_id" : ObjectId("6105079229b133cb9b06cee3"), "address" : { "building" : "277", "coord" : [ -73.8941893, 40.8634684 ], "street" : "East Kingsbridge Road", "zipcode" : "10458" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-09-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-03-19T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-08-29T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-08-17T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Happy Garden", "restaurant_id" : "40364296" }

```

```

C:\Windows\System32\cmd.exe - mongo
> db.addresses.find({"borough": "Bronx"}).skip(5).limit(5);
{ "_id" : ObjectId("6105079229b133cb9b06cee9"), "address" : { "building" : "658", "coord" : [ -73.81363999, 40.82941100000001 ], "street" : "Clarence Ave", "zipcode" : "10465" }, "borough" : "Bronx", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-06-21T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2012-07-11T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Manhem Club", "restaurant_id" : "40364363" }
{ "_id" : ObjectId("6105079229b133cb9b06cf02"), "address" : { "building" : "2222", "coord" : [ -73.8497175, 40.8304811 ], "street" : "Haviland Avenue", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-12-18T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-05-01T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2013-03-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-09-20T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-02-08T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "The New Starling Athletic Club Of The Bronx", "restaurant_id" : "40364956" }
{ "_id" : ObjectId("6105079229b133cb9b06cf1d"), "address" : { "building" : "72", "coord" : [ -73.92506, 40.8275556 ], "street" : "East 161 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-04-15T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-11-14T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-07-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-12-31T00:00:00Z"), "grade" : "B", "score" : 15 }, { "date" : ISODate("2012-05-30T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-09T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-15T00:00:00Z"), "grade" : "C", "score" : 37 } ], "name" : "Yankee Tavern", "restaurant_id" : "40365499" }
{ "_id" : ObjectId("6105079229b133cb9b06cf2e"), "address" : { "building" : "331", "coord" : [ -73.87786539, 40.8724377 ], "street" : "East 204 Street", "zipcode" : "10467" }, "borough" : "Bronx", "cuisine" : "Irish", "grades" : [ { "date" : ISODate("2014-08-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-26T00:00:00Z"), "grade" : "B", "score" : 23 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-12-18T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2011-10-20T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Mcdwyers Pub", "restaurant_id" : "40365893" }
{ "_id" : ObjectId("6105079229b133cb9b06cf44"), "address" : { "building" : "5820", "coord" : [ -73.9002615, 40.885186 ], "street" : "Broadway", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-02-26T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-10-09T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2013-05-15T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-11-20T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2011-10-17T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-06-22T00:00:00Z"), "grade" : "C", "score" : 35 } ], "name" : "The Punch Bowl", "restaurant_id" : "40366497" }
>

```

C:\Windows\System32\cmd.exe - mongo

```
> db.addresses.find({grades : { $elemMatch:{ "score":{$gt : 90}}}});
{ "_id" : ObjectId("6105079229b133cb9b06d00d"), "address" : { "building" : "65", "coord" : [ -73.9782725, 40.7624022 ], "street" : "West 54 Street", "zipcode" : "10019" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-08-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2014-03-28T00:00:00Z"), "grade" : "C", "score" : 131 }, { "date" : ISODate("2013-09-25T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-04-08T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date" : ISODate("2012-10-15T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-10-19T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Murals On 54/Randolphs'S", "restaurant_id" : "40372466" }
{ "_id" : ObjectId("6105079229b133cb9b06d0ac"), "address" : { "building" : "345", "coord" : [ -73.9864626, 40.7266739 ], "street" : "East 6 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Indian", "grades" : [ { "date" : ISODate("2014-09-15T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-05-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-24T00:00:00Z"), "grade" : "P", "score" : 2 }, { "date" : ISODate("2012-10-01T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-04-06T00:00:00Z"), "grade" : "C", "score" : 92 }, { "date" : ISODate("2011-11-03T00:00:00Z"), "grade" : "C", "score" : 41 } ], "name" : "Gandhi", "restaurant_id" : "40381295" }
{ "_id" : ObjectId("6105079229b133cb9b06d210"), "address" : { "building" : "130", "coord" : [ -73.984758, 40.7457939 ], "street" : "Madison Avenue", "zipcode" : "10016" }, "borough" : "Manhattan", "cuisine" : "Pizza/Italian", "grades" : [ { "date" : ISODate("2014-12-24T00:00:00Z"), "grade" : "Z", "score" : 31 }, { "date" : ISODate("2014-06-17T00:00:00Z"), "grade" : "C", "score" : 98 }, { "date" : ISODate("2013-12-12T00:00:00Z"), "grade" : "C", "score" : 32 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "B", "score" : 21 }, { "date" : ISODate("2012-05-02T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Bella Napoli", "restaurant_id" : "40393488" }
```

C:\Windows\System32\cmd.exe - mongo

```
> db.addresses.find({grades : { $elemMatch:{ "score":{$gt : 80 , $lt :100}}}});
{ "_id" : ObjectId("6105079229b133cb9b06d0ac"), "address" : { "building" : "345", "coord" : [ -73.9864626, 40.7266739 ], "street" : "East 6 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Indian", "grades" : [ { "date" : ISODate("2014-09-15T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-05-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-24T00:00:00Z"), "grade" : "P", "score" : 2 }, { "date" : ISODate("2012-10-01T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-04-06T00:00:00Z"), "grade" : "C", "score" : 92 }, { "date" : ISODate("2011-11-03T00:00:00Z"), "grade" : "C", "score" : 41 } ], "name" : "Gandhi", "restaurant_id" : "40381295" }
{ "_id" : ObjectId("6105079229b133cb9b06d210"), "address" : { "building" : "130", "coord" : [ -73.984758, 40.7457939 ], "street" : "Madison Avenue", "zipcode" : "10016" }, "borough" : "Manhattan", "cuisine" : "Pizza/Italian", "grades" : [ { "date" : ISODate("2014-12-24T00:00:00Z"), "grade" : "C", "score" : 31 }, { "date" : ISODate("2014-06-17T00:00:00Z"), "grade" : "C", "score" : 98 }, { "date" : ISODate("2013-12-12T00:00:00Z"), "grade" : "C", "score" : 32 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "B", "score" : 21 }, { "date" : ISODate("2012-05-02T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Bella Napoli", "restaurant_id" : "40393488" }
{ "_id" : ObjectId("6105079329b133cb9b06da7c"), "address" : { "building" : "", "coord" : [ -74.0163793, 40.7167671 ], "street" : "Hudson River", "zipcode" : "10282" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-06-27T00:00:00Z"), "grade" : "C", "score" : 89 }, { "date" : ISODate("2013-06-06T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2012-06-19T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "West 79Th Street Boat Basin Cafe", "restaurant_id" : "40756344" }
```



```
> db.addresses.find({"address.coord" : {$lt : -95.754168}});
{ "_id" : ObjectId("6105079329b133cb9b06d4f6"), "address" : { "building" : "3707", "coord" : [ -101.8945214, 33.5197474 ], "street" : "82 Street", "zipcode" : "11372" }, "borough" : "Queens", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-06-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-11-07T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2013-05-17T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-08-29T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-03T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-11-16T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Burger King", "restaurant_id" : "40534067" }
{ "_id" : ObjectId("6105079329b133cb9b06d862"), "address" : { "building" : "15259", "coord" : [ -119.6368672, 36.2504996 ], "street" : "10 Avenue", "zipcode" : "11357" }, "borough" : "Queens", "cuisine" : "Italian", "grades" : [ { "date" : ISODate("2014-09-04T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2014-03-26T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-03-04T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-09-27T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-04-20T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "C", "score" : 34 } ], "name" : "Cascarino's", "restaurant_id" : "40668681" }
{ "_id" : ObjectId("6105079329b133cb9b06dd0c"), "address" : { "building" : "60", "coord" : [ -111.9975205, 42.0970258 ], "street" : "West Side Highway", "zipcode" : "10006" }, "borough" : "Manhattan", "cuisine" : "Japanese", "grades" : [ { "date" : ISODate("2014-03-20T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-06-28T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-07-05T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-07-27T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "Sports Center At Chelsea Piers (Sushi Bar)", "restaurant_id" : "40882356" }
```

```
C:\Windows\System32\cmd.exe - mongo
> db.addresses.find({'$and': [
...
...     {'cuisine' : {$ne : "American"}},
...
...     {'grades.score' : {$gt : 70}},
...
...     {'address.coord' : {$lt : -65.754168}}
...
... ]
...
... });
{ "_id" : ObjectId("6105079229b133cb9b06d0ac"), "address" : { "building" : "345", "coord" : [ -73.9864626, 40.7266739 ], "street" : "East 6 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Indian", "grades" : [ { "date" : ISODate("2014-09-15T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-05-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-24T00:00:00Z"), "grade" : "P", "score" : 2 }, { "date" : ISODate("2012-10-01T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-04-06T00:00:00Z"), "grade" : "C", "score" : 92 }, { "date" : ISODate("2011-11-03T00:00:00Z"), "grade" : "C", "score" : 41 } ], "name" : "Gandhi", "restaurant_id" : "40381295" }
{ "_id" : ObjectId("6105079229b133cb9b06d210"), "address" : { "building" : "130", "coord" : [ -73.984758, 40.7457939 ], "street" : "Madison Avenue", "zipcode" : "10016" }, "borough" : "Manhattan", "cuisine" : "Pizza/Italian", "grades" : [ { "date" : ISODate("2014-12-24T00:00:00Z"), "grade" : "Z", "score" : 31 }, { "date" : ISODate("2014-06-17T00:00:00Z"), "grade" : "C", "score" : 98 }, { "date" : ISODate("2013-12-12T00:00:00Z"), "grade" : "C", "score" : 32 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "B", "score" : 21 }, { "date" : ISODate("2012-05-02T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Bella Napoli", "restaurant_id" : "40393488" }
{ "_id" : ObjectId("6105079229b133cb9b06d21c"), "address" : { "building" : "101", "coord" : [ -73.9243061, 40.8276297 ], "street" : "East 161 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "Latin (Cuban, Dominican, Puerto Rican, South & Central American)", "grades" : [ { "date" : ISODate("2014-04-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-10-01T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-04-11T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date" : ISODate("2012-10-25T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-10-10T00:00:00Z"), "grade" : "P", "score" : 12 }, { "date" : ISODate("2012-05-25T00:00:00Z"), "grade" : "B", "score" : 14 }, { "date" : ISODate("2011-09-14T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2011-04-25T00:00:00Z"), "grade" : "C", "score" : 76 } ], "name" : "El Molino Rojo Restaurant", "restaurant_id" : "40393688" }
{ "_id" : ObjectId("6105079329b133cb9b06d36c"), "address" : { "building" : "289", "coord" : [ -73.94610279999999, 40.7137587 ], "street" : "Manhattan Avenue", "zipcode" : "11211" }, "borough" : "Brooklyn", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-19T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-05-07T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-09-11T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2012-04-18T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-09-27T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-05-03T00:00:00Z"), "grade" : "C", "score" : 77 } ], "name" : "Fort Unato Bros Cafe & Bakery", "restaurant_id" : "40400561" }
{ "_id" : ObjectId("6105079329b133cb9b06d995"), "address" : { "building" : "231", "coord" : [ -73.9772294, 40.7527262 ], "street" : "Grand Central Station", "zipcode" : "10017" }, "borough" : "Manhattan", "cuisine" : "Italian", "grades" : [ { "date" : ISODate("2015-01-07T00:00:00Z"), "grade" : "Z", "score" : 20 }, { "date" : ISODate("2014-07-03T00:00:00Z"), "grade" : "B", "score" : 14 }, { "date" : ISODate("2013-12-21T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-05-17T00:00:00Z"), "grade" : "C", "score" : 76 }, { "date" : ISODate("2012-04-20T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Two Boots Grand Central", "restaurant_id" : "40725591" }
> db.addresses.find()
```

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```
db.addresses.find(
... {"borough":{$in:["Staten Island","Queens","Bronx","Brooklyn"]}},
... {
... "restaurant_id":1,
... "name":1,"borough":1,
... "cuisine":1
... }
... );
{"_id":ObjectId("6105079229b133cb9b06ceae"),"borough":"Bronx","cuisine":"Bakery","name":"Morris Park Bake Shop","restaurant_id":"30075445"}
{"_id":ObjectId("6105079229b133cb9b06ceaf"),"borough":"Brooklyn","cuisine":"American","name":"Riviera Caterer","restaurant_id":"40356018"}
{"_id":ObjectId("6105079229b133cb9b06ceb1"),"borough":"Queens","cuisine":"American","name":"Brunos On The Boulevard","restaurant_id":"40356151"}
{"_id":ObjectId("6105079229b133cb9b06ceb2"),"borough":"Queens","cuisine":"Jewish/Kosher","name":"Tov Kosher Kitchen","restaurant_id":"40356068"}
{"_id":ObjectId("6105079229b133cb9b06ceb3"),"borough":"Brooklyn","cuisine":"Delicatessen","name":"Wilken'S Fine Food","restaurant_id":"40356483"}
{"_id":ObjectId("6105079229b133cb9b06ceb4"),"borough":"Staten Island","cuisine":"Jewish/Kosher","name":"Kosher Island","restaurant_id":"40356442"}
{"_id":ObjectId("6105079229b133cb9b06ceb5"),"borough":"Brooklyn","cuisine":"American","name":"Regina Caterers","restaurant_id":"40356649"}
{"_id":ObjectId("6105079229b133cb9b06ceb6"),"borough":"Brooklyn","cuisine":"Ice Cream, Gelato, Yogurt, Ices","name":"Taste The Tropics Ice Cream","restaurant_id":"40356731"}
{"_id":ObjectId("6105079229b133cb9b06ceb7"),"borough":"Brooklyn","cuisine":"American","name":"C & C Catering Service","restaurant_id":"40357437"}
{"_id":ObjectId("6105079229b133cb9b06ceb8"),"borough":"Brooklyn","cuisine":"Chinese","name":"May May Kitchen","restaurant_id":"40358429"}
{"_id":ObjectId("6105079229b133cb9b06ceb9"),"borough":"Brooklyn","cuisine":"Jewish/Kosher","name":"Seuda Foods","restaurant_id":"40360045"}
{"_id":ObjectId("6105079229b133cb9b06ceba"),"borough":"Brooklyn","cuisine":"Ice Cream, Gelato, Yogurt, Ices","name":"Carvel Ice Cream","restaurant_id":"40360076"}
{"_id":ObjectId("6105079229b133cb9b06cebb"),"borough":"Queens","cuisine":"Ice Cream, Gelato, Yogurt, Ices","name":"Carvel Ice Cream","restaurant_id":"40361322"}
{"_id":ObjectId("6105079229b133cb9b06cebc"),"borough":"Brooklyn","cuisine":"Delicatessen","name":"Nordic Delicacies","restaurant_id":"40361390"}
{"_id":ObjectId("6105079229b133cb9b06cebe"),"borough":"Brooklyn","cuisine":"American","name":"The Movable Feast","restaurant_id":"40361606"}
{"_id":ObjectId("6105079229b133cb9b06cebf"),"borough":"Queens","cuisine":"Delicatessen","name":"Sal'S Deli","restaurant_id":"40361618"}
{"_id":ObjectId("6105079229b133cb9b06cec0"),"borough":"Brooklyn","cuisine":"Hamburgers","name":"Wendy'S","restaurant_id":"30112340"}
{"_id":ObjectId("6105079229b133cb9b06cec1"),"borough":"Bronx","cuisine":"American","name":"Wild Asia","restaurant_id":"40357217"}
{"_id":ObjectId("6105079229b133cb9b06cec4"),"borough":"Queens","cuisine":"Delicatessen","name":"Steve Chu'S Deli & Grocery","restaurant_id":"40361998"}
{"_id":ObjectId("6105079229b133cb9b06cec9"),"borough":"Brooklyn","cuisine":"Caribbean","name":"Shashemene Int'L Restaura","restaurant_id":"40362869"}
type "it" for more
```

```
db.addresses.find(
.. {"borough":{$nin:["Staten Island","Queens","Bronx","Brooklyn"]}},
.. {
.. "restaurant_id":1,
.. "name":1,"borough":1,
.. "cuisine":1
.. }
.. );
{"_id":ObjectId("6105079229b133cb9b06ceb0"),"borough":"Manhattan","cuisine":"Irish","name":"Dj Reynolds Pub And Restaurant","restaurant_id":"30191841"}
{"_id":ObjectId("6105079229b133cb9b06ceb1"),"borough":"Manhattan","cuisine":"American","name":"Glorious Food","restaurant_id":"40361521"}
{"_id":ObjectId("6105079229b133cb9b06cec2"),"borough":"Manhattan","cuisine":"American","name":"1 East 66Th Street Kitchen","restaurant_id":"40359480"}
{"_id":ObjectId("6105079229b133cb9b06cec3"),"borough":"Manhattan","cuisine":"Delicatessen","name":"Bully'S Deli","restaurant_id":"40361708"}
{"_id":ObjectId("6105079229b133cb9b06cec5"),"borough":"Manhattan","cuisine":"American","name":"P & S Deli Grocery","restaurant_id":"40362264"}
{"_id":ObjectId("6105079229b133cb9b06cec6"),"borough":"Manhattan","cuisine":"Chicken","name":"Harriet'S Kitchen","restaurant_id":"40362098"}
{"_id":ObjectId("6105079229b133cb9b06cec7"),"borough":"Manhattan","cuisine":"American","name":"Angelika Film Center","restaurant_id":"40362274"}
{"_id":ObjectId("6105079229b133cb9b06cec8"),"borough":"Manhattan","cuisine":"Turkish","name":"The Country Cafe","restaurant_id":"40362715"}
{"_id":ObjectId("6105079229b133cb9b06cec9"),"borough":"Manhattan","cuisine":"American","name":"Downtown Deli","restaurant_id":"40363021"}
{"_id":ObjectId("6105079229b133cb9b06ced0"),"borough":"Manhattan","cuisine":"Bakery","name":"Olive'S","restaurant_id":"40363151"}
{"_id":ObjectId("6105079229b133cb9b06ced2"),"borough":"Manhattan","cuisine":"American","name":"Cafe Metro","restaurant_id":"40363298"}
{"_id":ObjectId("6105079229b133cb9b06ced3"),"borough":"Manhattan","cuisine":"Sandwiches/Salads/Mixed Buffet","name":"Lexler Deli","restaurant_id":"40363426"}
{"_id":ObjectId("6105079229b133cb9b06ced7"),"borough":"Manhattan","cuisine":"Continental","name":"Lorenzo & Maria'S","restaurant_id":"40363630"}
{"_id":ObjectId("6105079229b133cb9b06ced9"),"borough":"Manhattan","cuisine":"Pizza","name":"Domino'S Pizza","restaurant_id":"40363644"}
{"_id":ObjectId("6105079229b133cb9b06cedb"),"borough":"Manhattan","cuisine":"American","name":"Berkely","restaurant_id":"40363685"}
{"_id":ObjectId("6105079229b133cb9b06cedc"),"borough":"Manhattan","cuisine":"Pizza","name":"Domino'S Pizza","restaurant_id":"40363945"}
{"_id":ObjectId("6105079229b133cb9b06cedf"),"borough":"Manhattan","cuisine":"American","name":"Spoon Bread Catering","restaurant_id":"40364179"}
{"_id":ObjectId("6105079229b133cb9b06cee5"),"borough":"Manhattan","cuisine":"American","name":"Metropolitan Club","restaurant_id":"40364347"}
{"_id":ObjectId("6105079229b133cb9b06cee6"),"borough":"Manhattan","cuisine":"American","name":"Palm Restaurant","restaurant_id":"40364355"}
{"_id":ObjectId("6105079229b133cb9b06cee7"),"borough":"Manhattan","cuisine":"Chicken","name":"Texas Rotisserie","restaurant_id":"40364304"}
type "it" for more
```

C:\Windows\System32\cmd.exe - mongo

```
> db.addresses.find(
... {"grades.score" : ★
... { $not:
... {$gt : 10}
... },
... {
... {
... "restaurant_id" : 1,
... "name":1,"borough":1,
... "cuisine" :1
... }
... };
{"_id" : ObjectId("6105079229b133cb9b06ceb7"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant_id" : "40357437" }
{"_id" : ObjectId("6105079229b133cb9b06ceb8"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }
{"_id" : ObjectId("6105079229b133cb9b06cec2"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant_id" : "40359480" }
{"_id" : ObjectId("6105079229b133cb9b06cecd"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle", "restaurant_id" : "40362344" }
{"_id" : ObjectId("6105079229b133cb9b06ceda"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Sonny'S Heros", "restaurant_id" : "40363744" }
{"_id" : ObjectId("6105079229b133cb9b06cee9"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Manhem Club", "restaurant_id" : "40364363" }
{"_id" : ObjectId("6105079229b133cb9b06cef8"), "borough" : "Staten Island", "cuisine" : "American ", "name" : "Great Kills Yacht Club", "restaurant_id" : "40364610" }
{"_id" : ObjectId("6105079229b133cb9b06ceff"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Serendipity 3", "restaurant_id" : "40364863" }
{"_id" : ObjectId("6105079229b133cb9b06cf0a"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "White Horse Tavern", "restaurant_id" : "40364958" }
{"_id" : ObjectId("6105079229b133cb9b06cf0d"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dorrian'S Red Hand Restaurant", "restaurant_id" : "40365239" }
{"_id" : ObjectId("6105079229b133cb9b06cf5d"), "borough" : "Manhattan", "cuisine" : "Mexican", "name" : "Mexico Lindo Restaurant", "restaurant_id" : "40367038" }
{"_id" : ObjectId("6105079229b133cb9b06cf7c"), "borough" : "Brooklyn", "cuisine" : "Greek", "name" : "El Greco Diner", "restaurant_id" : "40367795" }
{"_id" : ObjectId("6105079229b133cb9b06cf84"), "borough" : "Bronx", "cuisine" : "Not Listed/Not Applicable", "name" : "The Lark'S Nest", "restaurant_id" : "40367946" }
{"_id" : ObjectId("6105079229b133cb9b06cf85"), "borough" : "Bronx", "cuisine" : "African", "name" : "African Terrace", "restaurant_id" : "40368021" }
{"_id" : ObjectId("6105079229b133cb9b06cf88"), "borough" : "Bronx", "cuisine" : "American ", "name" : "African Market (Baboon Cafe)", "restaurant_id" : "40368026" }
{"_id" : ObjectId("6105079229b133cb9b06cf89"), "borough" : "Staten Island", "cuisine" : "Italian", "name" : "Roadhouse Restaurant", "restaurant_id" : "40368034" }
{"_id" : ObjectId("6105079229b133cb9b06cf8a"), "borough" : "Bronx", "cuisine" : "Café/Coffee/Tea", "name" : "Terrace Cafe", "restaurant_id" : "40368018" }
{"_id" : ObjectId("6105079229b133cb9b06cf8a"), "borough" : "Manhattan", "cuisine" : "French", "name" : "Pergola Des Artistes", "restaurant_id" : "40369139" }
{"_id" : ObjectId("6105079229b133cb9b06cfb7"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Mcdonald'S", "restaurant_id" : "40369535" }
{"_id" : ObjectId("6105079229b133cb9b06cfba"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "The River Cafe", "restaurant_id" : "40369608" }
Type "it" for more
```

C:\Windows\System32\cmd.exe - mongo

```
> db.addresses.find(
... { $or: [ ★
... { name: /"Mil"/},
... { $and: [
... { "cuisine" : {$ne : "American "}},
... { "cuisine" : {$ne : "Chinees"}}
... ]}
... ],
... {"restaurant_id" : 1,"name":1,"borough":1,"cuisine" :1}
... };
{"_id" : ObjectId("6105079229b133cb9b06ceae"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
{"_id" : ObjectId("6105079229b133cb9b06ceb0"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }
{"_id" : ObjectId("6105079229b133cb9b06ceb2"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
{"_id" : ObjectId("6105079229b133cb9b06ceb3"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
{"_id" : ObjectId("6105079229b133cb9b06ceb4"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant_id" : "40356442" }
{"_id" : ObjectId("6105079229b133cb9b06ceb6"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" }
{"_id" : ObjectId("6105079229b133cb9b06ceb8"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant_id" : "40358429" }
{"_id" : ObjectId("6105079229b133cb9b06ceb9"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant_id" : "40360045" }
{"_id" : ObjectId("6105079229b133cb9b06ceba"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40360076" }
{"_id" : ObjectId("6105079229b133cb9b06cebb"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40361322" }
{"_id" : ObjectId("6105079229b133cb9b06cebc"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }
{"_id" : ObjectId("6105079229b133cb9b06cebf"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Sal'S Deli", "restaurant_id" : "40361618" }
{"_id" : ObjectId("6105079229b133cb9b06cec0"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant_id" : "30112340" }
{"_id" : ObjectId("6105079229b133cb9b06cec1"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant_id" : "40357217" }
{"_id" : ObjectId("6105079229b133cb9b06cec3"), "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully'S Deli", "restaurant_id" : "40361708" }
{"_id" : ObjectId("6105079229b133cb9b06cec4"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant_id" : "40361998" }
{"_id" : ObjectId("6105079229b133cb9b06cec6"), "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet'S Kitchen", "restaurant_id" : "40362098" }
{"_id" : ObjectId("6105079229b133cb9b06cec8"), "borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe", "restaurant_id" : "40362715" }
{"_id" : ObjectId("6105079229b133cb9b06cec9"), "borough" : "Brooklyn", "cuisine" : "Caribbean", "name" : "Shashemene Int'l Restaura", "restaurant_id" : "40362869" }
{"_id" : ObjectId("6105079229b133cb9b06ceca"), "borough" : "Queens", "cuisine" : "Chinese", "name" : "Ho Mei Restaurant", "restaurant_id" : "40362432" }
Type "it" for more
```



```
C:\Windows\System32\cmd.exe - mongo
```

```
> db.addresses.find(
...   {
...     "grades.date": ISODate("2014-08-11T00:00:00Z"),
...     "grades.grade": "A",
...     "grades.score": 11
...   },
...   {"restaurant_id": 1,"name":"grades":1}
... );
... {
...   "_id" : ObjectId("6105079229b133cb9b06cf2c"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-22T00:00:00Z"), "grade" :
... "A", "score" : 9 }, { "date" : ISODate("2013-03-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-07-02T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("
... 2012-02-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-24T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Neary'S Pub", "restaurant_id" : "40365871" },
... {
...   "_id" : ObjectId("6105079229b133cb9b06d086"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-12-10T00:00:00Z"), "grade" :
... "A", "score" : 9 }, { "date" : ISODate("2013-06-10T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-08T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("
... 2012-01-25T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-09-13T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Don Filippo Restaurant", "restaurant_id" : "40372
... 417" },
... {
...   "_id" : ObjectId("6105079329b133cb9b06d2cc"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" :
... "A", "score" : 12 }, { "date" : ISODate("2013-04-25T00:00:00Z"), "grade" : "C", "score" : 2 }, { "date" : ISODate("2012-10-23T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2
... 012-04-16T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-11-15T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Mustang Sally'S Restaurant", "restaurant_id" : "4
... 0397374" },
... {
...   "_id" : ObjectId("6105079329b133cb9b06d4d9"), "grades" : [ { "date" : ISODate("2015-01-12T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" :
... "A", "score" : 9 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-02-07T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("
... 2012-04-30T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Club Macanudo (Cigar Bar)", "restaurant_id" : "40562406" },
... {
...   "_id" : ObjectId("6105079329b133cb9b06dcfc"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2014-01-09T00:00:00Z"), "grade" : "
... B", "score" : 27 }, { "date" : ISODate("2013-08-11T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-10-09T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2
... 012-05-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Marino'S Pizza & Restaurant", "restaurant_id" : "4
... 0560917" },
... {
...   "_id" : ObjectId("6105079329b133cb9b06dd776"), "grades" : [ { "date" : ISODate("2015-01-05T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "
... A", "score" : 10 }, { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2013-09-13T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2
... 013-01-16T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Gene'S Coffee Shop", "restaurant_id" : "40614916" },
... {
...   "_id" : ObjectId("6105079329b133cb9b06d8e4"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-02-20T00:00:00Z"), "grade" :
... "A", "score" : 7 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-03-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2
... 012-03-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-11-18T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "P", "s
... core" : 4 } ], "name" : "Union Cafe Restaurant", "restaurant_id" : "40609823" },
... {
...   "_id" : ObjectId("6105079329b133cb9b06dd50"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "
... A", "score" : 9 }, { "date" : ISODate("2012-09-05T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-08-25T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Jojo'S Pi
... zza", "restaurant_id" : "40892913" }
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```
C:\Windows\System32\cmd.exe - mongo
> 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 }
... );
{ "_id" : ObjectId("6105079329b133cb9b06d4d9"), "grades" : [ { "date" : ISODate("2015-01-12T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-02-07T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-04-30T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Club Macanudo (Cigar Bar)", "restaurant_id" : "40526406" }
> db.addresses.find(
...     {
...       "address.coord.1" : { $gt : 42, $lte : 52 }
...     },
...     { "restaurant_id" : 1, "name": "1", "address": "1", "coord": 1 }
... );
{ "_id" : ObjectId("6105079229b133cb9b06d150"), "address" : { "building" : "47", "coord" : [ -78.877224, 42.89546199999999 ], "street" : "Broadway @ Trinity Pl", "zipcode" : "10006" }, "name" : "T.G.I. Friday'S", "restaurant_id" : "40387990" }
{ "_id" : ObjectId("6105079229b133cb9b06d17b"), "address" : { "building" : "1", "coord" : [ -0.7119979, 51.6514664 ], "street" : "Pennplaza E, Penn Sta", "zipcode" : "10001" }, "name" : "T.G.I. Fridays", "restaurant_id" : "40388936" }
{ "_id" : ObjectId("6105079329b133cb9b06d3d6"), "address" : { "building" : "3000", "coord" : [ -87.86567699999999, 42.61150920000001 ], "street" : "47 Avenue", "zipcode" : "11101" }, "name" : "Di Luvio'S Deli", "restaurant_id" : "40402284" }
{ "_id" : ObjectId("6105079329b133cb9b06d609"), "address" : { "building" : "21972199", "coord" : [ -78.589606, 42.8912372 ], "street" : "Broadway", "zipcode" : "10024" }, "name" : "La Carida d 78", "restaurant_id" : "40568285" }
{ "_id" : ObjectId("6105079329b133cb9b06dcdc"), "address" : { "building" : "7981", "coord" : [ -84.9751215, 45.4713351 ], "street" : "Hoyt Street", "zipcode" : "11201" }, "name" : "Bijan'S", "restaurant_id" : "40876618" }
{ "_id" : ObjectId("6105079329b133cb9b06dcf1"), "address" : { "building" : "0", "coord" : [ -88.0787799, 42.4154769 ], "street" : "& Grand Central", "zipcode" : "10017" }, "name" : "Hyatt, N y Central/Room Service", "restaurant_id" : "40879243" }
{ "_id" : ObjectId("6105079329b133cb9b06dd0c"), "address" : { "building" : "60", "coord" : [ -111.9975205, 42.0970258 ], "street" : "West Side Highway", "zipcode" : "10006" }, "name" : "Sports Center At Chelsea Piers (Sushi Bar)", "restaurant_id" : "40882356" }
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```
C:\Windows\System32\cmd.exe - mongo
> db.addresses.find().sort(
...   {"cuisine":1,"borough": -1},
... );
...
{"_id": ObjectId("6105079329b133cb9b06d599"), "address": {"building": "1345", "coord": [ -73.959249, 40.768076 ], "street": "2 Avenue", "zipcode": "10021"}, "borough": "Manhattan",
  "cuisine": "Afghan", "grades": [ {"date": ISODate("2014-10-07T00:00:00Z"), "grade": "A", "score": 9 }, {"date": ISODate("2013-10-23T00:00:00Z"), "grade": "A", "score": 8 }, {"date": ISODate("2012-10-26T00:00:00Z"), "grade": "A", "score": 13 }, {"date": ISODate("2012-04-26T00:00:00Z"), "grade": "A", "score": 7 }, {"date": ISODate("2012-01-12T00:00:00Z"), "grade": "P", "score": 10 } ], "name": "Afghan Kebab House", "restaurant_id": "40552806" }
{"_id": ObjectId("6105079329b133cb9b06d6c4"), "address": {"building": "34", "coord": [ -73.9883612, 40.7286391 ], "street": "St Marks Place", "zipcode": "10003"}, "borough": "Manhattan",
  "cuisine": "Afghan", "grades": [ {"date": ISODate("2014-02-20T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2013-08-06T00:00:00Z"), "grade": "B", "score": 17 }, {"date": ISODate("2013-01-31T00:00:00Z"), "grade": "A", "score": 13 }, {"date": ISODate("2012-05-24T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2011-12-13T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2011-08-25T00:00:00Z"), "grade": "A", "score": 10 } ], "name": "Khyber Pass", "restaurant_id": "40589545" }
{"_id": ObjectId("6105079329b133cb9b06d77d"), "address": {"building": "764", "coord": [ -73.9880435, 40.7641423 ], "street": "9 Avenue", "zipcode": "10019"}, "borough": "Manhattan",
  "cuisine": "Afghan", "grades": [ {"date": ISODate("2014-12-30T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2013-10-10T00:00:00Z"), "grade": "B", "score": 19 }, {"date": ISODate("2013-02-25T00:00:00Z"), "grade": "A", "score": 13 }, {"date": ISODate("2012-08-09T00:00:00Z"), "grade": "C", "score": 2 }, {"date": ISODate("2012-02-16T00:00:00Z"), "grade": "A", "score": 9 } ], "name": "Afghan Kebab House #1", "restaurant_id": "40616799" }
{"_id": ObjectId("6105079329b133cb9b06dca1"), "address": {"building": "787", "coord": [ -73.9880886, 40.7651331 ], "street": "9 Avenue", "zipcode": "10019"}, "borough": "Manhattan",
  "cuisine": "Afghan", "grades": [ {"date": ISODate("2014-07-22T00:00:00Z"), "grade": "A", "score": 3 }, {"date": ISODate("2013-07-08T00:00:00Z"), "grade": "A", "score": 2 }, {"date": ISODate("2013-02-05T00:00:00Z"), "grade": "A", "score": 2 }, {"date": ISODate("2011-11-28T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "Ariana Kebab House", "restaurant_id": "40868480" }
{"_id": ObjectId("6105079329b133cb9b06db15"), "address": {"building": "14612", "coord": [ -73.8057078, 40.6948408 ], "street": "Liberty Avenue", "zipcode": "11435"}, "borough": "Queens",
  "cuisine": "African", "grades": [ {"date": ISODate("2014-04-16T00:00:00Z"), "grade": "A", "score": 4 }, {"date": ISODate("2013-09-16T00:00:00Z"), "grade": "A", "score": 2 }, {"date": ISODate("2012-08-23T00:00:00Z"), "grade": "A", "score": 13 }, {"date": ISODate("2012-02-21T00:00:00Z"), "grade": "A", "score": 11 }, {"date": ISODate("2011-06-30T00:00:00Z"), "grade": "B", "score": 19 } ], "name": "Africana Restaurant", "restaurant_id": "40798504" }
{"_id": ObjectId("6105079329b133cb9b06db8a"), "address": {"building": "195", "coord": [ -73.9717845, 40.6897199 ], "street": "Dekalb Avenue", "zipcode": "11205"}, "borough": "Brooklyn",
  "cuisine": "African", "grades": [ {"date": ISODate("2014-08-18T00:00:00Z"), "grade": "A", "score": 7 }, {"date": ISODate("2014-01-13T00:00:00Z"), "grade": "B", "score": 19 }, {"date": ISODate("2012-12-19T00:00:00Z"), "grade": "A", "score": 7 }, {"date": ISODate("2012-08-01T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2012-03-12T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2011-11-01T00:00:00Z"), "grade": "A", "score": 10 } ], "name": "Madiha", "restaurant_id": "40684161" }
{"_id": ObjectId("6105079229b133cb9b06cf85"), "address": {"building": "2280", "coord": [ -73.8786113, 40.9502883 ], "street": "Southern Boulevard", "zipcode": "10460"}, "borough": "Bronx",
  "cuisine": "African", "grades": [ {"date": ISODate("2014-05-21T00:00:00Z"), "grade": "A", "score": 8 }, {"date": ISODate("2013-06-01T00:00:00Z"), "grade": "A", "score": 6 }, {"date": ISODate("2012-06-12T00:00:00Z"), "grade": "A", "score": 0 }, {"date": ISODate("2011-06-08T00:00:00Z"), "grade": "A", "score": 0 } ], "name": "African Terrace", "restaurant_id": "40368021" }
{"_id": ObjectId("6105079329b133cb9b06dbcd"), "address": {"building": "2364", "coord": [ -73.9025083, 40.8603246 ], "street": "Jerome Avenue", "zipcode": "10468"}, "borough": "Bronx",
  "cuisine": "African", "grades": [ {"date": ISODate("2014-04-22T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2013-10-22T00:00:00Z"), "grade": "A", "score": 9 }, {"date": ISODate("2012-09-18T00:00:00Z"), "grade": "A", "score": 11 }, {"date": ISODate("2011-10-04T00:00:00Z"), "grade": "A", "score": 13 }, {"date": ISODate("2011-05-26T00:00:00Z"), "grade": "A", "score": 11 } ], "name": "Ebe Ye Yie African Restaurant", "restaurant_id": "40832718" }
{"_id": ObjectId("6105079229b133cb9b06cef8"), "address": {"building": "37", "coord": [ -74.138263, 40.546681 ], "street": "Mansion Ave", "zipcode": "10308"}, "borough": "Staten Island",
  "cuisine": "American", "grades": [ {"date": ISODate("2014-04-22T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2013-09-25T00:00:00Z"), "grade": "A", "score": 4 }, {"date": ISODate("2012-06-09T00:00:00Z"), "grade": "A", "score": 8 } ], "name": "Great Kills Yacht Club", "restaurant_id": "40364610" }
{"_id": ObjectId("6105079229b133cb9b06cf05"), "address": {"building": "390", "coord": [ -74.07444319999999, 40.6096914 ], "street": "Hylan Boulevard", "zipcode": "10305"}, "borough": "Staten Island",
  "cuisine": "American", "grades": [ {"date": ISODate("2014-06-21T00:00:00Z"), "grade": "A", "score": 9 }, {"date": ISODate("2013-06-15T00:00:00Z"), "grade": "A", "score": 13 }, {"date": ISODate("2012-08-30T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2011-10-07T00:00:00Z"), "grade": "B", "score": 20 } ], "name": "Labetti's Post # 2159", "restaurant_id": "40365022" }
{"_id": ObjectId("6105079229b133cb9b06cf09"), "address": {"building": "6736", "coord": [ -74.2274942, 40.5071996 ], "street": "Hylan Boulevard", "zipcode": "10309"}, "borough": "Staten Island",
  "cuisine": "American", "grades": [ {"date": ISODate("2014-08-13T00:00:00Z"), "grade": "A", "score": 3 }, {"date": ISODate("2013-08-20T00:00:00Z"), "grade": "B", "score": 2 } ], "name": "Labetti's Post # 2159", "restaurant_id": "40365022" }
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```
C:\Windows\System32\cmd.exe - mongo
> db.addresses.find(
...   {"address.street":
...     {$exists: true }
...   },
... );
...
{"_id": ObjectId("6105079229b133cb9b06ceae"), "address": {"building": "1007", "coord": [ -73.856077, 40.848447 ], "street": "Morris Park Ave", "zipcode": "10462"}, "borough": "Bronx",
  "cuisine": "Bakery", "grades": [ {"date": ISODate("2014-03-03T00:00:00Z"), "grade": "A", "score": 2 }, {"date": ISODate("2013-09-11T00:00:00Z"), "grade": "A", "score": 6 }, {"date": ISODate("2013-01-24T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2011-11-23T00:00:00Z"), "grade": "A", "score": 9 }, {"date": ISODate("2011-03-10T00:00:00Z"), "grade": "B", "score": 14 } ], "name": "Morris Park Bake Shop", "restaurant_id": "30075445" }
{"_id": ObjectId("6105079229b133cb9b06ceaf"), "address": {"building": "2780", "coord": [ -73.98241999999999, 40.579505 ], "street": "Stillwell Avenue", "zipcode": "11224"}, "borough": "Brooklyn",
  "cuisine": "American", "grades": [ {"date": ISODate("2014-06-10T00:00:00Z"), "grade": "A", "score": 5 }, {"date": ISODate("2013-06-05T00:00:00Z"), "grade": "A", "score": 7 }, {"date": ISODate("2012-04-13T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2011-10-12T00:00:00Z"), "grade": "A", "score": 12 } ], "name": "Riviera Caterer", "restaurant_id": "40356018" }
{"_id": ObjectId("6105079229b133cb9b06ceb2"), "address": {"building": "351", "coord": [ -73.98513559999999, 40.7676919 ], "street": "West 57 Street", "zipcode": "10019"}, "borough": "Manhattan",
  "cuisine": "Irish", "grades": [ {"date": ISODate("2014-09-06T00:00:00Z"), "grade": "A", "score": 2 }, {"date": ISODate("2013-07-22T00:00:00Z"), "grade": "A", "score": 11 }, {"date": ISODate("2012-07-31T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2011-12-29T00:00:00Z"), "grade": "A", "score": 12 } ], "name": "Oj Reynolds Pub And Restaurant", "restaurant_id": "30191841" }
{"_id": ObjectId("6105079229b133cb9b06ceb1"), "address": {"building": "8825", "coord": [ -73.8803827, 40.7643124 ], "street": "Astoria Boulevard", "zipcode": "11369"}, "borough": "Queens",
  "cuisine": "American", "grades": [ {"date": ISODate("2014-11-15T00:00:00Z"), "grade": "Z", "score": 38 }, {"date": ISODate("2014-05-02T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2013-03-02T00:00:00Z"), "grade": "A", "score": 7 }, {"date": ISODate("2012-02-10T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "Brunos On The Boulevard", "restaurant_id": "40356151" }
{"_id": ObjectId("6105079229b133cb9b06ceb7"), "address": {"building": "97-22", "coord": [ -73.8601152, 40.7311739 ], "street": "63 Road", "zipcode": "11374"}, "borough": "Queens",
  "cuisine": "Jewish/Kosher", "grades": [ {"date": ISODate("2014-11-24T00:00:00Z"), "grade": "Z", "score": 20 }, {"date": ISODate("2013-01-17T00:00:00Z"), "grade": "A", "score": 13 }, {"date": ISODate("2012-08-02T00:00:00Z"), "grade": "A", "score": 13 }, {"date": ISODate("2011-12-15T00:00:00Z"), "grade": "B", "score": 25 } ], "name": "Tov Kosher Kitchen", "restaurant_id": "40356068" }
{"_id": ObjectId("6105079229b133cb9b06ceb3"), "address": {"building": "7114", "coord": [ -73.9068506, 40.6199034 ], "street": "Avenue U", "zipcode": "11234"}, "borough": "Brooklyn",
  "cuisine": "Delicatessen", "grades": [ {"date": ISODate("2014-05-29T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2014-01-14T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2013-08-03T00:00:00Z"), "grade": "A", "score": 8 }, {"date": ISODate("2012-07-18T00:00:00Z"), "grade": "A", "score": 10 }, {"date": ISODate("2012-03-09T00:00:00Z"), "grade": "A", "score": 13 }, {"date": ISODate("2011-10-14T00:00:00Z"), "grade": "A", "score": 9 } ], "name": "Milken's Fine Food", "restaurant_id": "40356483" }
{"_id": ObjectId("6105079229b133cb9b06ceb4"), "address": {"building": "2206", "coord": [ -74.1377286, 40.6119572 ], "street": "Victory Boulevard", "zipcode": "10314"}, "borough": "Staten Island",
  "cuisine": "Jewish/Kosher", "grades": [ {"date": ISODate("2014-10-06T00:00:00Z"), "grade": "A", "score": 9 }, {"date": ISODate("2014-05-20T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2013-04-04T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2012-01-24T00:00:00Z"), "grade": "A", "score": 9 } ], "name": "Kosher Island", "restaurant_id": "40356442" }
{"_id": ObjectId("6105079229b133cb9b06ceb5"), "address": {"building": "6409", "coord": [ -74.00528899999999, 40.628886 ], "street": "11 Avenue", "zipcode": "11219"}, "borough": "Brooklyn",
  "cuisine": "American", "grades": [ {"date": ISODate("2014-07-18T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2013-07-30T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2013-02-13T00:00:00Z"), "grade": "A", "score": 11 }, {"date": ISODate("2012-08-16T00:00:00Z"), "grade": "A", "score": 2 }, {"date": ISODate("2011-08-17T00:00:00Z"), "grade": "A", "score": 11 } ], "name": "Regina Caterers", "restaurant_id": "40356649" }
{"_id": ObjectId("6105079229b133cb9b06ceb6"), "address": {"building": "1839", "coord": [ -73.9482609, 40.6408271 ], "street": "Nstrand Avenue", "zipcode": "11226"}, "borough": "Brooklyn",
  "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "grades": [ {"date": ISODate("2014-07-10T00:00:00Z"), "grade": "A", "score": 12 }, {"date": ISODate("2013-07-10T00:00:00Z"), "grade": "A", "score": 8 }, {"date": ISODate("2012-07-11T00:00:00Z"), "grade": "A", "score": 5 }, {"date": ISODate("2012-02-23T00:00:00Z"), "grade": "A", "score": 8 } ], "name": "Taste The Tropics Ice Cream", "restaurant_id": "40356731" }
{"_id": ObjectId("6105079229b133cb9b06ceb7"), "address": {"building": "7715", "coord": [ -73.9973325, 40.61174889999999 ], "street": "18 Avenue", "zipcode": "11214"}, "borough": "Brooklyn",
  "cuisine": "American", "grades": [ {"date": ISODate("2014-04-16T00:00:00Z"), "grade": "A", "score": 5 }, {"date": ISODate("2013-04-23T00:00:00Z"), "grade": "A", "score": 2 }, {"date": ISODate("2012-04-24T00:00:00Z"), "grade": "A", "score": 5 }, {"date": ISODate("2011-12-16T00:00:00Z"), "grade": "A", "score": 2 } ], "name": "C & C Catering Service", "restaurant_id": "40356731" }
```



```
C:\Windows\System32\cmd.exe - mongo
> db.addresses.find(
...     { "address.coord" : ★
...     { $type : 1 }
...     }
... );
{ "_id" : ObjectId("6105079229b133cb9b06ceae"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
{ "_id" : ObjectId("6105079229b133cb9b06ceaf"), "address" : { "building" : "2780", "coord" : [ -73.98241999999999, 40.579505 ], "street" : "Stillwell Avenue", "zipcode" : "11224", "borough" : "Brooklyn", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-06-10T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-05T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Riviera Caterer", "restaurant_id" : "40356018" }
{ "_id" : ObjectId("6105079229b133cb9b06ceb0"), "address" : { "building" : "351", "coord" : [ -73.98513599999999, 40.7676919 ], "street" : "West 57 Street", "zipcode" : "10019", "borough" : "Manhattan", "cuisine" : "Irish", "grades" : [ { "date" : ISODate("2014-09-06T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-07-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-07-31T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-12-29T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }
{ "_id" : ObjectId("6105079229b133cb9b06ceb1"), "address" : { "building" : "8825", "coord" : [ -73.8803827, 40.7643124 ], "street" : "Astoria Boulevard", "zipcode" : "11369", "borough" : "Queens", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-11-15T00:00:00Z"), "grade" : "Z", "score" : 38 }, { "date" : ISODate("2014-05-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-03-02T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-02-10T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
{ "_id" : ObjectId("6105079229b133cb9b06ceb2"), "address" : { "building" : "97-22", "coord" : [ -73.8601152, 40.7311739 ], "street" : "63 Road", "zipcode" : "11374", "borough" : "Queens", "cuisine" : "Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-11-24T00:00:00Z"), "grade" : "Z", "score" : 20 }, { "date" : ISODate("2013-01-17T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-08-02T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-15T00:00:00Z"), "grade" : "B", "score" : 25 } ], "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
{ "_id" : ObjectId("6105079229b133cb9b06ceb3"), "address" : { "building" : "7114", "coord" : [ -73.9068506, 40.6199034 ], "street" : "Avenue U", "zipcode" : "11234", "borough" : "Brooklyn", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-03T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-09T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-10-14T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
{ "_id" : ObjectId("6105079229b133cb9b06ceb4"), "address" : { "building" : "2206", "coord" : [ -74.1377286, 40.6119572 ], "street" : "Victory Boulevard", "zipcode" : "10314", "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-01-24T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Kosher Island", "restaurant_id" : "40356442" }
{ "_id" : ObjectId("6105079229b133cb9b06ceb5"), "address" : { "building" : "6409", "coord" : [ -74.00528899999999, 40.628886 ], "street" : "11 Avenue", "zipcode" : "11219", "borough" : "Brooklyn", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-07-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-02-13T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-08-16T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-08-17T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Regina Caterers", "restaurant_id" : "40356649" }
{ "_id" : ObjectId("6105079229b133cb9b06ceb6"), "address" : { "building" : "1839", "coord" : [ -73.9482609, 40.6408271 ], "street" : "Nostrand Avenue", "zipcode" : "11226", "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "grades" : [ { "date" : ISODate("2014-07-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-10T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-07-11T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2012-02-23T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" }
{ "_id" : ObjectId("6105079229b133cb9b06ceb7"), "address" : { "building" : "7715", "coord" : [ -73.9973325, 40.61174889999999 ], "street" : "18 Avenue", "zipcode" : "11214", "borough" : "Brooklyn", "cuisine" : "American", "grades" : [ { "date" : ISODate("2014-04-16T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-04-23T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2012-04-24T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2011-12-16T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "C & C Catering Service", }
```

```
C:\Windows\System32\cmd.exe - mongo
> db.addresses.find(
...     { name : ★
...     { $regex : /Mad/i, }
...     },
...     {
...         "name":1,
...         "borough":1,
...         "address.coord":1,
...         "cuisine":1
...     }
... );
{ "_id" : ObjectId("6105079329b133cb9b06d3ec"), "address" : { "coord" : [ -73.9860597, 40.7431194 ] }, "borough" : "Manhattan", "cuisine" : "American", "name" : "Madison Square" }
{ "_id" : ObjectId("6105079329b133cb9b06d46c"), "address" : { "coord" : [ -73.98302199999999, 40.742313 ] }, "borough" : "Manhattan", "cuisine" : "Indian", "name" : "Madras Mahal" }
{ "_id" : ObjectId("6105079329b133cb9b06d766"), "address" : { "coord" : [ -74.000002, 40.72735 ] }, "borough" : "Manhattan", "cuisine" : "American", "name" : "Madame X" }
{ "_id" : ObjectId("6105079329b133cb9b06d816"), "address" : { "coord" : [ -73.98171959999999, 40.7499406 ] }, "borough" : "Manhattan", "cuisine" : "French", "name" : "Madison Bistro" }
{ "_id" : ObjectId("6105079329b133cb9b06d8a0"), "address" : { "coord" : [ -73.9717845, 40.6897199 ] }, "borough" : "Brooklyn", "cuisine" : "African", "name" : "Madiiba" }
{ "_id" : ObjectId("6105079329b133cb9b06dba4"), "address" : { "coord" : [ -73.9040753, 40.9069011 ] }, "borough" : "Bronx", "cuisine" : "Italian", "name" : "Madison'S" }
{ "_id" : ObjectId("6105079329b133cb9b06dc21"), "address" : { "coord" : [ -73.9886598, 40.7565811 ] }, "borough" : "Manhattan", "cuisine" : "Hotdogs", "name" : "Madame Tussaud'S" }
{ "_id" : ObjectId("6105079329b133cb9b06dc59"), "address" : { "coord" : [ -73.95623719999999, 40.7761697 ] }, "borough" : "Manhattan", "cuisine" : "American", "name" : "Mad River Bar & Grill" }
{ }
```

```
C:\Windows\System32\cmd.exe - mongo
> db.addresses.find(
...     { "grades.score" :
...       { $mod : [7,0] }
...     },
...     { "restaurant_id" : 1, "name":1, "grades":1 }
...   );
...   { "_id" : ObjectId("6105079229b133cb9b06ceae"), "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
...   { "_id" : ObjectId("6105079229b133cb9b06ceaf"), "grades" : [ { "date" : ISODate("2014-06-10T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-05T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Riviera Caterers", "restaurant_id" : "40356018" }
...   { "_id" : ObjectId("6105079229b133cb9b06ceb1"), "grades" : [ { "date" : ISODate("2014-11-15T00:00:00Z"), "grade" : "Z", "score" : 30 }, { "date" : ISODate("2014-05-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-03-02T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-02-10T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
...   { "_id" : ObjectId("6105079229b133cb9b06ceb8"), "grades" : [ { "date" : ISODate("2014-09-16T00:00:00Z"), "grade" : "B", "score" : 21 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-04-02T00:00:00Z"), "grade" : "C", "score" : 56 }, { "date" : ISODate("2012-08-15T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2012-03-28T00:00:00Z"), "grade" : "B", "score" : 27 } ], "name" : "May May Kitchen", "restaurant_id" : "40358429" }
...   { "_id" : ObjectId("6105079229b133cb9b06ceb9"), "grades" : [ { "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-12-30T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Seuda Foods", "restaurant_id" : "40360045" }
...   { "_id" : ObjectId("6105079229b133cb9b06ceb7"), "grades" : [ { "date" : ISODate("2014-08-16T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-08-27T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-09-20T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-09-29T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Sal'S Deli", "restaurant_id" : "40361618" }
...   { "_id" : ObjectId("6105079229b133cb9b06cec2"), "grades" : [ { "date" : ISODate("2014-05-07T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-05-03T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-04-30T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2011-12-27T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "1 East 66Th Street Kitchen", "restaurant_id" : "40359480" }
...   { "_id" : ObjectId("6105079229b133cb9b06cec4"), "grades" : [ { "date" : ISODate("2014-03-19T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-03-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-03-27T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-04-05T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Steve Chu'S Deli & Grocery", "restaurant_id" : "40361998" }
...   { "_id" : ObjectId("6105079229b133cb9b06cec6"), "grades" : [ { "date" : ISODate("2014-09-15T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-01-09T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-15T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Harriet'S Kitchen", "restaurant_id" : "40362098" }
...   { "_id" : ObjectId("6105079229b133cb9b06cec9"), "grades" : [ { "date" : ISODate("2014-05-13T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-05-08T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-09-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-06-06T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-06-06T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Shashemen Int'l Restaura", "restaurant_id" : "40362869" }
...   { "_id" : ObjectId("6105079229b133cb9b06ceca"), "grades" : [ { "date" : ISODate("2014-04-21T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-11-12T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-11-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-10-11T00:00:00Z"), "grade" : "P", "score" : 0 }, { "date" : ISODate("2012-05-24T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-08T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-07-20T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Ho Mei Restaurant", "restaurant_id" : "40362432" }
...   { "_id" : ObjectId("6105079229b133cb9b06cedd"), "grades" : [ { "date" : ISODate("2014-03-18T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-03-18T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-10-10T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-09-22T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "White Castle", "restaurant_id" : "40362344" }
```

```
C:\Windows\System32\cmd.exe - mongo
> db.addresses.find(
...     { name :
...       { $regex : "mon.*", $options: "i" }
...     },
...     {
...       "name":1,
...       "borough":1,
...       "address.coord":1,
...       "cuisine":1
...     }
...   );
...   { "_id" : ObjectId("6105079229b133cb9b06cf3f"), "address" : { "coord" : [ -73.98306099999999, 40.7441419 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Desmond'S Tavern" }
...   { "_id" : ObjectId("6105079229b133cb9b06cf4a"), "address" : { "coord" : [ -73.8221418, 40.7272376 ] }, "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Shimons Kosher Pizza" }
...   { "_id" : ObjectId("6105079229b133cb9b06cf55"), "address" : { "coord" : [ -74.10465599999999, 40.58834 ] }, "borough" : "Staten Island", "cuisine" : "American ", "name" : "Richmond County Country Club" }
...   { "_id" : ObjectId("6105079229b133cb9b06cf82"), "address" : { "coord" : [ -73.9812843, 40.5947365 ] }, "borough" : "Brooklyn", "cuisine" : "Pizza/Italian", "name" : "Lb Spumoni Gardens" }
...   { "_id" : ObjectId("6105079229b133cb9b06cfda"), "address" : { "coord" : [ -73.951199, 40.716026 ] }, "borough" : "Brooklyn", "cuisine" : "Italian", "name" : "Bamonte'S Restaurant" }
...   { "_id" : ObjectId("6105079229b133cb9b06d01d"), "address" : { "coord" : [ -73.924872, 40.761089000000001 ] }, "borough" : "Queens", "cuisine" : "Greek", "name" : "Omonia Cafe" }
...   { "_id" : ObjectId("6105079229b133cb9b06d05b"), "address" : { "coord" : [ -74.0023353, 40.7333573 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Manhattan Monster" }
...   { "_id" : ObjectId("6105079229b133cb9b06d087"), "address" : { "coord" : [ -74.001094, 40.729583 ] }, "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Monte'S" }
...   { "_id" : ObjectId("6105079229b133cb9b06d08f"), "address" : { "coord" : [ -73.9901605, 40.7526176 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Delmonico'S Kitchen" }
...   { "_id" : ObjectId("6105079229b133cb9b06d0a3"), "address" : { "coord" : [ -73.9979536, 40.6914024 ] }, "borough" : "Brooklyn", "cuisine" : "Bottled beverages, including water, sodas, juices, etc.", "name" : "Montero Bar & Grill" }
...   { "_id" : ObjectId("6105079229b133cb9b06d22d"), "address" : { "coord" : [ -73.9707505, 40.7635651 ] }, "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Delmonico Gourmet" }
...   { "_id" : ObjectId("6105079329b133cb9b06d29a"), "address" : { "coord" : [ -73.9706637, 40.7508686 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Delmonico Gourmet" }
...   { "_id" : ObjectId("6105079329b133cb9b06d2b4"), "address" : { "coord" : [ -73.9705633, 40.7605759 ] }, "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Montebello Restaurant" }
...   { "_id" : ObjectId("6105079329b133cb9b06d349"), "address" : { "coord" : [ -74.1914658, 40.552743600000001 ] }, "borough" : "Staten Island", "cuisine" : "Italian", "name" : "Villa Monte Pizzeria" }
...   { "_id" : ObjectId("6105079329b133cb9b06d3f3"), "address" : { "coord" : [ -73.97198209999999, 40.764464 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Harmonie Club" }
...   { "_id" : ObjectId("6105079329b133cb9b06d4b9"), "address" : { "coord" : [ -73.795719900000001, 40.7095637 ] }, "borough" : "Queens", "cuisine" : "Bakery", "name" : "Ramona'S Bakery" }
...   { "_id" : ObjectId("6105079329b133cb9b06d4ed"), "address" : { "coord" : [ -73.978521000000001, 40.729192 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Mona'S" }
...   { "_id" : ObjectId("6105079329b133cb9b06d50d"), "address" : { "coord" : [ -73.984634800000001, 40.7630755 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Neil Simon Theatre" }
...   { "_id" : ObjectId("6105079329b133cb9b06d54b"), "address" : { "coord" : [ -73.9938361, 40.6091317 ] }, "borough" : "Brooklyn", "cuisine" : "Bakery", "name" : "Mondial Bakery" }
...   { "_id" : ObjectId("6105079329b133cb9b06d572"), "address" : { "coord" : [ -74.028486, 40.630438 ] }, "borough" : "Brooklyn", "cuisine" : "Mediterranean", "name" : "Omonia Cafe" }
type "it" for more
```

C:\Windows\System32\cmd.exe - mongo

```
> db.addresses.find(
...     { name :
...       { $regex : /^Mad/i, }
...     },
...     {
...       "name":1,
...       "borough":1,
...       "address.coord":1,
...       "cuisine" :1
...     }
...   );
{ "_id" : ObjectId("6105079329b133cb9b06d3ec"), "address" : { "coord" : [ -73.9860597, 40.7431194 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "
Madison Square" }
{ "_id" : ObjectId("6105079329b133cb9b06d4c6"), "address" : { "coord" : [ -73.98302199999999, 40.742313 ] }, "borough" : "Manhattan", "cuisine" : "Indian", "name"
: "Madras Mahal" }
{ "_id" : ObjectId("6105079329b133cb9b06d766"), "address" : { "coord" : [ -74.000002, 40.72735 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Mad
ame X" }
{ "_id" : ObjectId("6105079329b133cb9b06d816"), "address" : { "coord" : [ -73.98171959999999, 40.7499406 ] }, "borough" : "Manhattan", "cuisine" : "French", "name"
: "Madison Bistro" }
{ "_id" : ObjectId("6105079329b133cb9b06d8a0"), "address" : { "coord" : [ -73.9717845, 40.6897199 ] }, "borough" : "Brooklyn", "cuisine" : "African", "name" : "Mad
iba" }
{ "_id" : ObjectId("6105079329b133cb9b06dba4"), "address" : { "coord" : [ -73.9040753, 40.9069011 ] }, "borough" : "Bronx", "cuisine" : "Italian", "name" : "Madiso
n'S" }
{ "_id" : ObjectId("6105079329b133cb9b06dc21"), "address" : { "coord" : [ -73.9886598, 40.7565811 ] }, "borough" : "Manhattan", "cuisine" : "Hotdogs", "name" : "Ma
dame Tussaud'S" }
{ "_id" : ObjectId("6105079329b133cb9b06dc59"), "address" : { "coord" : [ -73.95623719999999, 40.7761697 ] }, "borough" : "Manhattan", "cuisine" : "American ", "na
me" : "Mad River Bar & Grille" }
> db.addresses.find().sort(
```

