Contents

[Instructions: 1](#_Toc121685512)

[Question 2. Write MongoDB queries for (4 points each): 100 points 1](#_Toc121685513)

# Question 1. Create a database and load the data - 25 Point:

To import the data, use the following in command prompt:

mongoimport --db aaz7118\_db --collection restaurants --file restaurants.json

A screenshot of a computer

Description automatically generated with medium confidence

# Question 2. Write MongoDB queries for (4 points each): 100 points

## Instructions

To run question 2 scripts, make sure you run this on command prompt to import the data:

`mongoimport --db aaz7118\_db --collection restaurants --file restaurants.json`

edit the above command at `--file <file relative path>` if the file is another directory or has another name.

You can then run the script using this command:

`mongo <q2\_pretty\_verbose.js`

There are other versions of this script:

- q2\_pretty\_quiet.js: uses .pretty() to reformat output - without printed comments,

- q2\_quiet.js: does not use .pretty() to reformat output - without printed comments,

- q2\_verbose.js: does not use .pretty() to reformat output - with printed comments

The output of running q2\_pretty\_verbose.js has been copied into "aaz7118\_Assignment\_4.pdf" with indexing for each query.

NOTE: I could only get `mongo <q2\_pretty.js` to work on command prompt. It did not work on bash or PowerShell.

This was completed using MongoDB shell version v4.2.23

--------------

switched to db aaz7118\_db

Question 2. Write MongoDB queries for (4 points each): 100 points

1. Count the number of documents in the collection.

> db.restaurants.count()

3772

2. Display all the documents in the collection.

> db.restaurants.find().pretty()

{

"\_id" : ObjectId("63968ca187cbddca1ca5260e"),

"address" : {

"building" : "469",

"coord" : [

-73.961704,

40.662942

],

"street" : "Flatbush Avenue",

"zipcode" : "11225"

},

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"grades" : [

{

"date" : ISODate("2014-12-30T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2014-07-01T00:00:00Z"),

"grade" : "B",

"score" : 23

},

{

"date" : ISODate("2013-04-30T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-05-08T00:00:00Z"),

"grade" : "A",

"score" : 12

}

],

"name" : "Wendy'S",

"restaurant\_id" : "30112340"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5260f"),

"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("63968ca187cbddca1ca52610"),

"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("63968ca187cbddca1ca52611"),

"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("63968ca187cbddca1ca52612"),

"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" : "Dj Reynolds Pub And Restaurant",

"restaurant\_id" : "30191841"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52613"),

"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("63968ca187cbddca1ca52614"),

"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("63968ca187cbddca1ca52615"),

"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("63968ca187cbddca1ca52616"),

"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" : "40357437"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52617"),

"address" : {

"building" : "1",

"coord" : [

-73.96926909999999,

40.7685235

],

"street" : "East 66 Street",

"zipcode" : "10065"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"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("63968ca187cbddca1ca52618"),

"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("63968ca187cbddca1ca52619"),

"address" : {

"building" : "203",

"coord" : [

-73.97822040000001,

40.6435254

],

"street" : "Church Avenue",

"zipcode" : "11218"

},

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"grades" : [

{

"date" : ISODate("2014-02-10T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2013-01-02T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-01-09T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2011-11-07T00:00:00Z"),

"grade" : "P",

"score" : 12

},

{

"date" : ISODate("2011-07-21T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40360076"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261a"),

"address" : {

"building" : "1269",

"coord" : [

-73.871194,

40.6730975

],

"street" : "Sutter Avenue",

"zipcode" : "11208"

},

"borough" : "Brooklyn",

"cuisine" : "Chinese",

"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("63968ca187cbddca1ca5261b"),

"address" : {

"building" : "265-15",

"coord" : [

-73.7032601,

40.7386417

],

"street" : "Hillside Avenue",

"zipcode" : "11004"

},

"borough" : "Queens",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"grades" : [

{

"date" : ISODate("2014-10-28T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-09-18T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-09-20T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40361322"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261c"),

"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("63968ca187cbddca1ca5261d"),

"address" : {

"building" : "284",

"coord" : [

-73.9829239,

40.6580753

],

"street" : "Prospect Park West",

"zipcode" : "11215"

},

"borough" : "Brooklyn",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-11-19T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-11-14T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2012-12-05T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-05-17T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "The Movable Feast",

"restaurant\_id" : "40361606"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261e"),

"address" : {

"building" : "129-08",

"coord" : [

-73.839297,

40.78147

],

"street" : "20 Avenue",

"zipcode" : "11356"

},

"borough" : "Queens",

"cuisine" : "Delicatessen",

"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("63968ca187cbddca1ca5261f"),

"address" : {

"building" : "522",

"coord" : [

-73.95171,

40.767461

],

"street" : "East 74 Street",

"zipcode" : "10021"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-09-02T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-12-19T00:00:00Z"),

"grade" : "B",

"score" : 16

},

{

"date" : ISODate("2013-05-28T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-12-07T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-03-29T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "Glorious Food",

"restaurant\_id" : "40361521"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52620"),

"address" : {

"building" : "6909",

"coord" : [

-74.0259567,

40.6353674

],

"street" : "3 Avenue",

"zipcode" : "11209"

},

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"grades" : [

{

"date" : ISODate("2014-08-21T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2014-03-05T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2013-01-10T00:00:00Z"),

"grade" : "A",

"score" : 10

}

],

"name" : "Nordic Delicacies",

"restaurant\_id" : "40361390"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52621"),

"address" : {

"building" : "759",

"coord" : [

-73.9925306,

40.7309346

],

"street" : "Broadway",

"zipcode" : "10003"

},

"borough" : "Manhattan",

"cuisine" : "Delicatessen",

"grades" : [

{

"date" : ISODate("2014-01-21T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-01-04T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-06-07T00:00:00Z"),

"grade" : "A",

"score" : 6

},

{

"date" : ISODate("2012-01-17T00:00:00Z"),

"grade" : "A",

"score" : 8

}

],

"name" : "Bully'S Deli",

"restaurant\_id" : "40361708"

}

Type "it" for more

3. Display: restaurant\_id, name, borough and cuisine for all the documents

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

{

"\_id" : ObjectId("63968ca187cbddca1ca5260e"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"name" : "Wendy'S",

"restaurant\_id" : "30112340"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5260f"),

"borough" : "Staten Island",

"cuisine" : "Jewish/Kosher",

"name" : "Kosher Island",

"restaurant\_id" : "40356442"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52610"),

"borough" : "Queens",

"cuisine" : "Jewish/Kosher",

"name" : "Tov Kosher Kitchen",

"restaurant\_id" : "40356068"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52611"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "Regina Caterers",

"restaurant\_id" : "40356649"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52612"),

"borough" : "Manhattan",

"cuisine" : "Irish",

"name" : "Dj Reynolds Pub And Restaurant",

"restaurant\_id" : "30191841"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52613"),

"borough" : "Queens",

"cuisine" : "American ",

"name" : "Brunos On The Boulevard",

"restaurant\_id" : "40356151"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52614"),

"borough" : "Bronx",

"cuisine" : "American ",

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52615"),

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Taste The Tropics Ice Cream",

"restaurant\_id" : "40356731"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52616"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "C & C Catering Service",

"restaurant\_id" : "40357437"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52617"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "1 East 66Th Street Kitchen",

"restaurant\_id" : "40359480"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52618"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "Riviera Caterer",

"restaurant\_id" : "40356018"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52619"),

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40360076"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261a"),

"borough" : "Brooklyn",

"cuisine" : "Chinese",

"name" : "May May Kitchen",

"restaurant\_id" : "40358429"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261b"),

"borough" : "Queens",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40361322"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261c"),

"borough" : "Bronx",

"cuisine" : "Bakery",

"name" : "Morris Park Bake Shop",

"restaurant\_id" : "30075445"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261d"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "The Movable Feast",

"restaurant\_id" : "40361606"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261e"),

"borough" : "Queens",

"cuisine" : "Delicatessen",

"name" : "Sal'S Deli",

"restaurant\_id" : "40361618"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261f"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Glorious Food",

"restaurant\_id" : "40361521"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52620"),

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"name" : "Nordic Delicacies",

"restaurant\_id" : "40361390"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52621"),

"borough" : "Manhattan",

"cuisine" : "Delicatessen",

"name" : "Bully'S Deli",

"restaurant\_id" : "40361708"

}

Type "it" for more

4. Display: restaurant\_id, name, borough and cuisine, but exclude field \_id, for all the documents in the collection

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

{

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"name" : "Wendy'S",

"restaurant\_id" : "30112340"

}

{

"borough" : "Staten Island",

"cuisine" : "Jewish/Kosher",

"name" : "Kosher Island",

"restaurant\_id" : "40356442"

}

{

"borough" : "Queens",

"cuisine" : "Jewish/Kosher",

"name" : "Tov Kosher Kitchen",

"restaurant\_id" : "40356068"

}

{

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "Regina Caterers",

"restaurant\_id" : "40356649"

}

{

"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" : "Bronx",

"cuisine" : "American ",

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

{

"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" : "Manhattan",

"cuisine" : "American ",

"name" : "1 East 66Th Street Kitchen",

"restaurant\_id" : "40359480"

}

{

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "Riviera Caterer",

"restaurant\_id" : "40356018"

}

{

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40360076"

}

{

"borough" : "Brooklyn",

"cuisine" : "Chinese",

"name" : "May May Kitchen",

"restaurant\_id" : "40358429"

}

{

"borough" : "Queens",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40361322"

}

{

"borough" : "Bronx",

"cuisine" : "Bakery",

"name" : "Morris Park Bake Shop",

"restaurant\_id" : "30075445"

}

{

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "The Movable Feast",

"restaurant\_id" : "40361606"

}

{

"borough" : "Queens",

"cuisine" : "Delicatessen",

"name" : "Sal'S Deli",

"restaurant\_id" : "40361618"

}

{

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Glorious Food",

"restaurant\_id" : "40361521"

}

{

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"name" : "Nordic Delicacies",

"restaurant\_id" : "40361390"

}

{

"borough" : "Manhattan",

"cuisine" : "Delicatessen",

"name" : "Bully'S Deli",

"restaurant\_id" : "40361708"

}

Type "it" for more

5. Display: restaurant\_id, name, borough and zip code, exclude the field \_id for all the documents in the collection

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

{

"address" : {

"zipcode" : "11225"

},

"borough" : "Brooklyn",

"name" : "Wendy'S",

"restaurant\_id" : "30112340"

}

{

"address" : {

"zipcode" : "10314"

},

"borough" : "Staten Island",

"name" : "Kosher Island",

"restaurant\_id" : "40356442"

}

{

"address" : {

"zipcode" : "11374"

},

"borough" : "Queens",

"name" : "Tov Kosher Kitchen",

"restaurant\_id" : "40356068"

}

{

"address" : {

"zipcode" : "11219"

},

"borough" : "Brooklyn",

"name" : "Regina Caterers",

"restaurant\_id" : "40356649"

}

{

"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" : "10460"

},

"borough" : "Bronx",

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

{

"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" : "10065"

},

"borough" : "Manhattan",

"name" : "1 East 66Th Street Kitchen",

"restaurant\_id" : "40359480"

}

{

"address" : {

"zipcode" : "11224"

},

"borough" : "Brooklyn",

"name" : "Riviera Caterer",

"restaurant\_id" : "40356018"

}

{

"address" : {

"zipcode" : "11218"

},

"borough" : "Brooklyn",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40360076"

}

{

"address" : {

"zipcode" : "11208"

},

"borough" : "Brooklyn",

"name" : "May May Kitchen",

"restaurant\_id" : "40358429"

}

{

"address" : {

"zipcode" : "11004"

},

"borough" : "Queens",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40361322"

}

{

"address" : {

"zipcode" : "10462"

},

"borough" : "Bronx",

"name" : "Morris Park Bake Shop",

"restaurant\_id" : "30075445"

}

{

"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" : "10021"

},

"borough" : "Manhattan",

"name" : "Glorious Food",

"restaurant\_id" : "40361521"

}

{

"address" : {

"zipcode" : "11209"

},

"borough" : "Brooklyn",

"name" : "Nordic Delicacies",

"restaurant\_id" : "40361390"

}

{

"address" : {

"zipcode" : "10003"

},

"borough" : "Manhattan",

"name" : "Bully'S Deli",

"restaurant\_id" : "40361708"

}

Type "it" for more

6. Display all the restaurants in the Bronx

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

{

"\_id" : ObjectId("63968ca187cbddca1ca52614"),

"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("63968ca187cbddca1ca5261c"),

"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("63968ca187cbddca1ca5262d"),

"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("63968ca187cbddca1ca52630"),

"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("63968ca187cbddca1ca52643"),

"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("63968ca187cbddca1ca52645"),

"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" : "40364363"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52663"),

"address" : {

"building" : "2222",

"coord" : [

-73.84971759999999,

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("63968ca187cbddca1ca5267c"),

"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("63968ca187cbddca1ca5268c"),

"address" : {

"building" : "331",

"coord" : [

-73.87786539999999,

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("63968ca187cbddca1ca526a3"),

"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"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526b0"),

"address" : {

"building" : "21",

"coord" : [

-73.9168424,

40.8401362

],

"street" : "East 170 Street",

"zipcode" : "10452"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-12-16T00:00:00Z"),

"grade" : "B",

"score" : 22

},

{

"date" : ISODate("2014-08-12T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2014-03-03T00:00:00Z"),

"grade" : "B",

"score" : 22

},

{

"date" : ISODate("2013-08-29T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-08-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-02-13T00:00:00Z"),

"grade" : "B",

"score" : 16

}

],

"name" : "Munchtime",

"restaurant\_id" : "40366748"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526b6"),

"address" : {

"building" : "1191",

"coord" : [

-73.8513114,

40.8316981

],

"street" : "Castle Hill Avenue",

"zipcode" : "10462"

},

"borough" : "Bronx",

"cuisine" : "Café/Coffee/Tea",

"grades" : [

{

"date" : ISODate("2014-07-03T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-07-08T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-02-11T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-08-14T00:00:00Z"),

"grade" : "B",

"score" : 14

},

{

"date" : ISODate("2011-08-23T00:00:00Z"),

"grade" : "A",

"score" : 12

}

],

"name" : "Lulu'S Coffee Shop",

"restaurant\_id" : "40366938"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526b8"),

"address" : {

"building" : "4340",

"coord" : [

-73.8194559,

40.8899176

],

"street" : "Boston Road",

"zipcode" : "10475"

},

"borough" : "Bronx",

"cuisine" : "Pancakes/Waffles",

"grades" : [

{

"date" : ISODate("2014-09-22T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2014-05-16T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-10-30T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2013-06-05T00:00:00Z"),

"grade" : "B",

"score" : 24

},

{

"date" : ISODate("2012-05-14T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-01-04T00:00:00Z"),

"grade" : "A",

"score" : 7

}

],

"name" : "Ihop",

"restaurant\_id" : "40366833"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526be"),

"address" : {

"building" : "2894",

"coord" : [

-73.815175,

40.8137649

],

"street" : "Schurz Ave",

"zipcode" : "10465"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-10-31T00:00:00Z"),

"grade" : "B",

"score" : 18

},

{

"date" : ISODate("2014-02-20T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2013-06-07T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-05-17T00:00:00Z"),

"grade" : "A",

"score" : 2

}

],

"name" : "Marina Delray",

"restaurant\_id" : "40367161"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526e2"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "Café/Coffee/Tea",

"grades" : [

{

"date" : ISODate("2014-05-21T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2013-05-29T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-06-18T00:00:00Z"),

"grade" : "A",

"score" : 8

}

],

"name" : "Terrace Cafe",

"restaurant\_id" : "40368018"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526e3"),

"address" : {

"building" : "4280",

"coord" : [

-73.86697,

40.89794699999999

],

"street" : "Katonah Ave",

"zipcode" : "10470"

},

"borough" : "Bronx",

"cuisine" : "Not Listed/Not Applicable",

"grades" : [

{

"date" : ISODate("2014-06-04T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2013-06-07T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2012-06-27T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2011-07-13T00:00:00Z"),

"grade" : "A",

"score" : 10

}

],

"name" : "The Lark'S Nest",

"restaurant\_id" : "40367946"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526e4"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"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("63968ca187cbddca1ca526e8"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-21T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-05-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-06-15T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2011-06-08T00:00:00Z"),

"grade" : "A",

"score" : 0

}

],

"name" : "Beaver Pond",

"restaurant\_id" : "40368025"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526e9"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-21T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2013-05-22T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-05-17T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2011-06-08T00:00:00Z"),

"grade" : "A",

"score" : 5

}

],

"name" : "Cool Zone",

"restaurant\_id" : "40368022"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526eb"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-21T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2013-05-28T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2012-06-18T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2011-06-07T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "African Market (Baboon Cafe)",

"restaurant\_id" : "40368026"

}

Type "it" for more

7. Display the first 5 restaurants in the Bronx

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

{

"\_id" : ObjectId("63968ca187cbddca1ca52614"),

"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("63968ca187cbddca1ca5261c"),

"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("63968ca187cbddca1ca5262d"),

"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("63968ca187cbddca1ca52630"),

"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("63968ca187cbddca1ca52643"),

"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"

}

8. Display the second 5 restaurants (skipping the first 5) in the Bronx

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

{

"\_id" : ObjectId("63968ca187cbddca1ca52645"),

"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" : "40364363"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52663"),

"address" : {

"building" : "2222",

"coord" : [

-73.84971759999999,

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("63968ca187cbddca1ca5267c"),

"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("63968ca187cbddca1ca5268c"),

"address" : {

"building" : "331",

"coord" : [

-73.87786539999999,

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("63968ca187cbddca1ca526a3"),

"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"

}

9. Find the restaurants with a score more than 85

> db.restaurants.find({ "grades.score": { $gt: 85 } }).pretty()

{

"\_id" : ObjectId("63968ca187cbddca1ca5276a"),

"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("63968ca187cbddca1ca52810"),

"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("63968ca187cbddca1ca52970"),

"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("63968ca187cbddca1ca531d9"),

"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"

}

10. Find the restaurants that achieved a score, more than 80 but less than 100

> db.restaurants.find({ grades: { $elemMatch: { score: { $gt: 80, $lte: 100 } } } }).pretty()

{

"\_id" : ObjectId("63968ca187cbddca1ca5276a"),

"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("63968ca187cbddca1ca52810"),

"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("63968ca187cbddca1ca52970"),

"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("63968ca187cbddca1ca531d9"),

"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"

}

11. Find the restaurants which locate in longitude value less than -95.754168

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

{

"\_id" : ObjectId("63968ca187cbddca1ca52c54"),

"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("63968ca187cbddca1ca52fc0"),

"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("63968ca187cbddca1ca53465"),

"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"

}

12. Find the restaurants that do not prepare any cuisine of 'American' and their grade score more than 70 and longitude less than -65.754168

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

{

"\_id" : ObjectId("63968ca187cbddca1ca52810"),

"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("63968ca187cbddca1ca52970"),

"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("63968ca187cbddca1ca52980"),

"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("63968ca187cbddca1ca52ac8"),

"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" : "Fortunato Bros Cafe & Bakery",

"restaurant\_id" : "40400561"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca530f5"),

"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"

}

13. Find the restaurants which do not prepare any cuisine of 'American' and achieved a score more than 70 and located in the longitude less than -65.754168. (without using $and operator)

> db.restaurants.find({ $nor: [{ cuisine: "American " }, { "address.coord.0": { $gte: -65.754168 } }, { "grades.score": {$not: { $gt: 70 }}}] }).pretty()

{

"\_id" : ObjectId("63968ca187cbddca1ca52810"),

"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("63968ca187cbddca1ca52970"),

"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("63968ca187cbddca1ca52980"),

"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("63968ca187cbddca1ca52ac8"),

"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" : "Fortunato Bros Cafe & Bakery",

"restaurant\_id" : "40400561"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca530f5"),

"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"

}

14. Find the restaurants which do not prepare any cuisine of 'American ' and achieved a grade point 'A' and not in the borough of Brooklyn, sorted by cuisine in descending order.

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

{

"\_id" : ObjectId("63968ca187cbddca1ca52d19"),

"address" : {

"building" : "89",

"coord" : [

-73.9995899,

40.7168015

],

"street" : "Baxter Street",

"zipcode" : "10013"

},

"borough" : "Manhattan",

"cuisine" : "Vietnamese/Cambodian/Malaysia",

"grades" : [

{

"date" : ISODate("2014-08-21T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2013-08-31T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2013-04-11T00:00:00Z"),

"grade" : "C",

"score" : 3

},

{

"date" : ISODate("2012-10-17T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2012-05-15T00:00:00Z"),

"grade" : "A",

"score" : 10

}

],

"name" : "Thai Son",

"restaurant\_id" : "40559606"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52dd2"),

"address" : {

"building" : "8278",

"coord" : [

-73.88143509999999,

40.7412552

],

"street" : "Broadway",

"zipcode" : "11373"

},

"borough" : "Queens",

"cuisine" : "Vietnamese/Cambodian/Malaysia",

"grades" : [

{

"date" : ISODate("2014-06-12T00:00:00Z"),

"grade" : "B",

"score" : 21

},

{

"date" : ISODate("2013-05-20T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-12-26T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-12-03T00:00:00Z"),

"grade" : "P",

"score" : 5

},

{

"date" : ISODate("2012-05-04T00:00:00Z"),

"grade" : "B",

"score" : 27

}

],

"name" : "Pho Bac Vietnamese Seafood Cuisine",

"restaurant\_id" : "40578058"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca531b9"),

"address" : {

"building" : "148",

"coord" : [

-74.000254,

40.7172727

],

"street" : "Centre Street",

"zipcode" : "10013"

},

"borough" : "Manhattan",

"cuisine" : "Vietnamese/Cambodian/Malaysia",

"grades" : [

{

"date" : ISODate("2014-10-01T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2014-05-19T00:00:00Z"),

"grade" : "C",

"score" : 5

},

{

"date" : ISODate("2013-11-15T00:00:00Z"),

"grade" : "B",

"score" : 14

},

{

"date" : ISODate("2013-03-08T00:00:00Z"),

"grade" : "B",

"score" : 25

},

{

"date" : ISODate("2012-05-22T00:00:00Z"),

"grade" : "B",

"score" : 23

},

{

"date" : ISODate("2011-10-27T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "Nha-Trang Centre Vietnam Restaurant",

"restaurant\_id" : "40751226"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca528b9"),

"address" : {

"building" : "300",

"coord" : [

-73.985568,

40.7307496

],

"street" : "East 12 Street",

"zipcode" : "10003"

},

"borough" : "Manhattan",

"cuisine" : "Vegetarian",

"grades" : [

{

"date" : ISODate("2014-02-05T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2013-04-24T00:00:00Z"),

"grade" : "B",

"score" : 19

},

{

"date" : ISODate("2012-01-17T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2011-07-25T00:00:00Z"),

"grade" : "A",

"score" : 10

}

],

"name" : "Angelica Kitchen",

"restaurant\_id" : "40388281"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52a70"),

"address" : {

"building" : "1307",

"coord" : [

-73.9589834,

40.77141839999999

],

"street" : "3 Avenue",

"zipcode" : "10021"

},

"borough" : "Manhattan",

"cuisine" : "Vegetarian",

"grades" : [

{

"date" : ISODate("2014-12-03T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2014-02-18T00:00:00Z"),

"grade" : "B",

"score" : 22

},

{

"date" : ISODate("2013-06-25T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-06-28T00:00:00Z"),

"grade" : "A",

"score" : 12

}

],

"name" : "Candle Cafe",

"restaurant\_id" : "40399007"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52bd7"),

"address" : {

"building" : "547",

"coord" : [

-92.7292446,

41.7461746

],

"street" : "6 Avenue",

"zipcode" : "10011"

},

"borough" : "Manhattan",

"cuisine" : "Vegetarian",

"grades" : [

{

"date" : ISODate("2014-09-26T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2014-04-07T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-10-03T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-09-10T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2012-04-30T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2011-11-30T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "Village Yogurt",

"restaurant\_id" : "40512123"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52c7c"),

"address" : {

"building" : "46",

"coord" : [

-74.000252,

40.7356228

],

"street" : "Greenwich Avenue",

"zipcode" : "10011"

},

"borough" : "Manhattan",

"cuisine" : "Vegetarian",

"grades" : [

{

"date" : ISODate("2014-07-01T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-12-31T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-05-24T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-10-11T00:00:00Z"),

"grade" : "A",

"score" : 6

}

],

"name" : "Village Natural",

"restaurant\_id" : "40536786"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52f1e"),

"address" : {

"building" : "405",

"coord" : [

-73.98565239999999,

40.7263767

],

"street" : "East 6 Street",

"zipcode" : "10009"

},

"borough" : "Manhattan",

"cuisine" : "Vegetarian",

"grades" : [

{

"date" : ISODate("2014-09-29T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2014-01-27T00:00:00Z"),

"grade" : "B",

"score" : 18

},

{

"date" : ISODate("2013-07-31T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-02-26T00:00:00Z"),

"grade" : "B",

"score" : 18

},

{

"date" : ISODate("2012-08-06T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-01-19T00:00:00Z"),

"grade" : "B",

"score" : 22

}

],

"name" : "Caravan Of Dreams",

"restaurant\_id" : "40635781"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52f41"),

"address" : {

"building" : "646",

"coord" : [

-73.97279,

40.791289

],

"street" : "Amsterdam Avenue",

"zipcode" : "10025"

},

"borough" : "Manhattan",

"cuisine" : "Vegetarian",

"grades" : [

{

"date" : ISODate("2014-02-19T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-11-29T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2011-10-03T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2011-04-11T00:00:00Z"),

"grade" : "A",

"score" : 7

}

],

"name" : "Mana",

"restaurant\_id" : "40644922"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca533c8"),

"address" : {

"building" : "140",

"coord" : [

-74.0004534,

40.7311503

],

"street" : "West 4 Street",

"zipcode" : "10012"

},

"borough" : "Manhattan",

"cuisine" : "Vegetarian",

"grades" : [

{

"date" : ISODate("2014-06-30T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2013-06-13T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2013-01-28T00:00:00Z"),

"grade" : "C",

"score" : 54

},

{

"date" : ISODate("2012-06-21T00:00:00Z"),

"grade" : "A",

"score" : 6

},

{

"date" : ISODate("2012-01-25T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "Red Bamboo",

"restaurant\_id" : "40861201"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52629"),

"address" : {

"building" : "60",

"coord" : [

-74.0085357,

40.70620539999999

],

"street" : "Wall Street",

"zipcode" : "10005"

},

"borough" : "Manhattan",

"cuisine" : "Turkish",

"grades" : [

{

"date" : ISODate("2014-09-26T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-09-18T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-09-21T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-05-09T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "The Country Cafe",

"restaurant\_id" : "40362715"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52a84"),

"address" : {

"building" : "386",

"coord" : [

-73.981366,

40.741888

],

"street" : "3 Avenue",

"zipcode" : "10016"

},

"borough" : "Manhattan",

"cuisine" : "Turkish",

"grades" : [

{

"date" : ISODate("2014-09-23T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-10-01T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-09-10T00:00:00Z"),

"grade" : "A",

"score" : 5

}

],

"name" : "Turkish Kitchen",

"restaurant\_id" : "40399372"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52d16"),

"address" : {

"building" : "1405",

"coord" : [

-73.95796530000001,

40.7697258

],

"street" : "Second Avenue",

"zipcode" : "10021"

},

"borough" : "Manhattan",

"cuisine" : "Turkish",

"grades" : [

{

"date" : ISODate("2014-10-23T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2014-03-20T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-08-28T00:00:00Z"),

"grade" : "B",

"score" : 21

},

{

"date" : ISODate("2012-12-05T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2011-10-27T00:00:00Z"),

"grade" : "A",

"score" : 7

}

],

"name" : "Uskudar Restaurant",

"restaurant\_id" : "40559172"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52d1c"),

"address" : {

"building" : "64",

"coord" : [

-73.9788293,

40.7765158

],

"street" : "West 71 Street",

"zipcode" : "10023"

},

"borough" : "Manhattan",

"cuisine" : "Turkish",

"grades" : [

{

"date" : ISODate("2014-09-04T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2014-02-07T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-04-18T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-07-25T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-02-01T00:00:00Z"),

"grade" : "A",

"score" : 7

}

],

"name" : "Pasha Turkish Restaurant",

"restaurant\_id" : "40559546"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52eae"),

"address" : {

"building" : "25505",

"coord" : [

-73.734503,

40.772264

],

"street" : "Northern Boulevard",

"zipcode" : "11362"

},

"borough" : "Queens",

"cuisine" : "Turkish",

"grades" : [

{

"date" : ISODate("2014-12-29T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2014-04-24T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2013-09-25T00:00:00Z"),

"grade" : "B",

"score" : 17

},

{

"date" : ISODate("2013-02-20T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "Kebab House",

"restaurant\_id" : "40608102"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52fbd"),

"address" : {

"building" : "631",

"coord" : [

-73.991755,

40.760138

],

"street" : "9 Avenue",

"zipcode" : "10036"

},

"borough" : "Manhattan",

"cuisine" : "Turkish",

"grades" : [

{

"date" : ISODate("2014-06-10T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-12-30T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-04-24T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-09-18T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-02-22T00:00:00Z"),

"grade" : "B",

"score" : 20

}

],

"name" : "Turkish Cuisine",

"restaurant\_id" : "40668464"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca531ad"),

"address" : {

"building" : "2637",

"coord" : [

-73.970573,

40.797339

],

"street" : "Broadway",

"zipcode" : "10025"

},

"borough" : "Manhattan",

"cuisine" : "Turkish",

"grades" : [

{

"date" : ISODate("2014-06-27T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-04-29T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2012-04-19T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2011-10-05T00:00:00Z"),

"grade" : "B",

"score" : 15

}

],

"name" : "Turkuaz Turkish Cuisine",

"restaurant\_id" : "40749081"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca532d5"),

"address" : {

"building" : "513",

"coord" : [

-73.978636,

40.74148

],

"street" : "2 Avenue",

"zipcode" : "10016"

},

"borough" : "Manhattan",

"cuisine" : "Turkish",

"grades" : [

{

"date" : ISODate("2014-10-22T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2014-05-08T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2013-11-19T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-04-03T00:00:00Z"),

"grade" : "B",

"score" : 26

},

{

"date" : ISODate("2012-02-21T00:00:00Z"),

"grade" : "A",

"score" : 4

}

],

"name" : "Saharas Turkish Cuisine",

"restaurant\_id" : "40815015"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5278e"),

"address" : {

"building" : "244",

"coord" : [

-73.9865289,

40.7606981

],

"street" : "West 48 Street",

"zipcode" : "10036"

},

"borough" : "Manhattan",

"cuisine" : "Thai",

"grades" : [

{

"date" : ISODate("2014-08-13T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2014-01-14T00:00:00Z"),

"grade" : "B",

"score" : 24

},

{

"date" : ISODate("2013-07-25T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-01-10T00:00:00Z"),

"grade" : "C",

"score" : 4

},

{

"date" : ISODate("2012-06-18T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-02-17T00:00:00Z"),

"grade" : "P",

"score" : 6

}

],

"name" : "Pongsri Thai Restaurant",

"restaurant\_id" : "40374088"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5295e"),

"address" : {

"building" : "396",

"coord" : [

-73.9809909,

40.7422324

],

"street" : "Third Avenue",

"zipcode" : "10016"

},

"borough" : "Manhattan",

"cuisine" : "Thai",

"grades" : [

{

"date" : ISODate("2014-10-30T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2014-06-04T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2013-03-08T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-10-01T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "Jaiya Thai Oriental Restaurant",

"restaurant\_id" : "40392724"

}

Type "it" for more

15. Find the restaurant Id, name, borough and cuisine for those restaurants which contain 'Wil' as first three letters for its name.

> db.restaurants.find({name: {$regex: /^Wil/}}, { restaurant\_id: 1, name: 1, borough: 1, cuisine: 1}).pretty()

{

"\_id" : ObjectId("63968ca187cbddca1ca52614"),

"borough" : "Bronx",

"cuisine" : "American ",

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52624"),

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"name" : "Wilken'S Fine Food",

"restaurant\_id" : "40356483"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5341e"),

"borough" : "Bronx",

"cuisine" : "Pizza",

"name" : "Wilbel Pizza",

"restaurant\_id" : "40871979"

}

16. Find the restaurant Id, name, borough and cuisine for those restaurants which contain 'ces' as last three letters for its name.

> db.restaurants.find({name: {$regex: /ces$/}}, { restaurant\_id: 1, name: 1, borough: 1, cuisine: 1}).pretty()

{

"\_id" : ObjectId("63968ca187cbddca1ca52a9f"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Pieces",

"restaurant\_id" : "40399910"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52b5e"),

"borough" : "Queens",

"cuisine" : "American ",

"name" : "S.M.R Restaurant Services",

"restaurant\_id" : "40403857"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52b69"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Good Shepherd Services",

"restaurant\_id" : "40403989"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca53019"),

"borough" : "Queens",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "The Ice Box-Ralph'S Famous Italian Ices",

"restaurant\_id" : "40690899"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5321a"),

"borough" : "Brooklyn",

"cuisine" : "Jewish/Kosher",

"name" : "Alices",

"restaurant\_id" : "40782042"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca53436"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Re: Sources",

"restaurant\_id" : "40876068"

}

17. Find the restaurant Id, name, borough and cuisine for those restaurants which contain 'Reg' as three letters somewhere in its name.

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

{

"\_id" : ObjectId("63968ca187cbddca1ca52611"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "Regina Caterers",

"restaurant\_id" : "40356649"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5270f"),

"borough" : "Manhattan",

"cuisine" : "Café/Coffee/Tea",

"name" : "Caffe Reggio",

"restaurant\_id" : "40369418"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5281f"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Regency Hotel",

"restaurant\_id" : "40382679"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52b3c"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Regency Whist Club",

"restaurant\_id" : "40402377"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52c21"),

"borough" : "Queens",

"cuisine" : "American ",

"name" : "Rego Park Cafe",

"restaurant\_id" : "40523342"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5329d"),

"borough" : "Queens",

"cuisine" : "Pizza",

"name" : "Regina Pizza",

"restaurant\_id" : "40801325"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca534a6"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Regal Entertainment Group",

"restaurant\_id" : "40891782"

}

18. Find the restaurants which belong to the borough Bronx and prepared either American or Chinese dish

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

{

"\_id" : ObjectId("63968ca187cbddca1ca52614"),

"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("63968ca187cbddca1ca52630"),

"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("63968ca187cbddca1ca52643"),

"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("63968ca187cbddca1ca52645"),

"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" : "40364363"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52663"),

"address" : {

"building" : "2222",

"coord" : [

-73.84971759999999,

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("63968ca187cbddca1ca5267c"),

"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("63968ca187cbddca1ca526a3"),

"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"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526b0"),

"address" : {

"building" : "21",

"coord" : [

-73.9168424,

40.8401362

],

"street" : "East 170 Street",

"zipcode" : "10452"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-12-16T00:00:00Z"),

"grade" : "B",

"score" : 22

},

{

"date" : ISODate("2014-08-12T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2014-03-03T00:00:00Z"),

"grade" : "B",

"score" : 22

},

{

"date" : ISODate("2013-08-29T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-08-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-02-13T00:00:00Z"),

"grade" : "B",

"score" : 16

}

],

"name" : "Munchtime",

"restaurant\_id" : "40366748"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526be"),

"address" : {

"building" : "2894",

"coord" : [

-73.815175,

40.8137649

],

"street" : "Schurz Ave",

"zipcode" : "10465"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-10-31T00:00:00Z"),

"grade" : "B",

"score" : 18

},

{

"date" : ISODate("2014-02-20T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2013-06-07T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-05-17T00:00:00Z"),

"grade" : "A",

"score" : 2

}

],

"name" : "Marina Delray",

"restaurant\_id" : "40367161"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526e8"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-21T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-05-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-06-15T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2011-06-08T00:00:00Z"),

"grade" : "A",

"score" : 0

}

],

"name" : "Beaver Pond",

"restaurant\_id" : "40368025"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526e9"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-21T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2013-05-22T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2012-05-17T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2011-06-08T00:00:00Z"),

"grade" : "A",

"score" : 5

}

],

"name" : "Cool Zone",

"restaurant\_id" : "40368022"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca526eb"),

"address" : {

"building" : "2300",

"coord" : [

-73.8786113,

40.8502883

],

"street" : "Southern Boulevard",

"zipcode" : "10460"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-21T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2013-05-28T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2012-06-18T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

"date" : ISODate("2011-06-07T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

"name" : "African Market (Baboon Cafe)",

"restaurant\_id" : "40368026"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52704"),

"address" : {

"building" : "3533",

"coord" : [

-73.9100082,

40.8863835

],

"street" : "Johnson Avenue",

"zipcode" : "10463"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-02-20T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-09-09T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-03-26T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2013-03-08T00:00:00Z"),

"grade" : "P",

"score" : 2

},

{

"date" : ISODate("2012-09-26T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2012-04-13T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2011-07-26T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2011-02-26T00:00:00Z"),

"grade" : "A",

"score" : 13

}

],

"name" : "Blue Bay Restaurant",

"restaurant\_id" : "40369087"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52719"),

"address" : {

"building" : "2375",

"coord" : [

-73.85534559999999,

40.8426433

],

"street" : "East Tremont Avenue",

"zipcode" : "10462"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-10-14T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2014-04-08T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2013-11-04T00:00:00Z"),

"grade" : "C",

"score" : 45

},

{

"date" : ISODate("2013-05-23T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-10-18T00:00:00Z"),

"grade" : "B",

"score" : 15

},

{

"date" : ISODate("2012-10-05T00:00:00Z"),

"grade" : "P",

"score" : 12

},

{

"date" : ISODate("2012-05-14T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2011-12-21T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "Bronx Grill",

"restaurant\_id" : "40369601"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52729"),

"address" : {

"building" : "170",

"coord" : [

-73.9035553,

40.878342

],

"street" : "West 231 Street",

"zipcode" : "10463"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-10-01T00:00:00Z"),

"grade" : "B",

"score" : 18

},

{

"date" : ISODate("2014-04-23T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-10-23T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-05-21T00:00:00Z"),

"grade" : "B",

"score" : 19

},

{

"date" : ISODate("2013-05-02T00:00:00Z"),

"grade" : "P",

"score" : 3

},

{

"date" : ISODate("2012-11-20T00:00:00Z"),

"grade" : "B",

"score" : 24

}

],

"name" : "P & K'S Grill",

"restaurant\_id" : "40369895"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52733"),

"address" : {

"building" : "4272",

"coord" : [

-73.86720489999999,

40.8977501

],

"street" : "Katonah Avenue",

"zipcode" : "10470"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-23T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

"date" : ISODate("2013-11-04T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2013-04-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-09-24T00:00:00Z"),

"grade" : "B",

"score" : 15

}

],

"name" : "John Mulligan'S Fireside Pub",

"restaurant\_id" : "40370150"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52792"),

"address" : {

"building" : "2942",

"coord" : [

-73.832183,

40.84710099999999

],

"street" : "Westchester Avenue",

"zipcode" : "10461"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-02-10T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2013-09-18T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2013-04-17T00:00:00Z"),

"grade" : "B",

"score" : 25

},

{

"date" : ISODate("2012-10-15T00:00:00Z"),

"grade" : "B",

"score" : 25

},

{

"date" : ISODate("2011-10-17T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2011-07-14T00:00:00Z"),

"grade" : "B",

"score" : 18

}

],

"name" : "Quality Cafe & Restaurant",

"restaurant\_id" : "40374259"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca527fb"),

"address" : {

"building" : "3657",

"coord" : [

-73.901496,

40.885102

],

"street" : "Kingsbridge Avenue",

"zipcode" : "10463"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-09-25T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2014-04-30T00:00:00Z"),

"grade" : "B",

"score" : 20

},

{

"date" : ISODate("2013-08-19T00:00:00Z"),

"grade" : "A",

"score" : 2

},

{

"date" : ISODate("2013-03-06T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-01-26T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2011-10-19T00:00:00Z"),

"grade" : "B",

"score" : 18

}

],

"name" : "Riverdale Diner",

"restaurant\_id" : "40380253"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5281a"),

"address" : {

"building" : "1506",

"coord" : [

-73.8537226,

40.8427071

],

"street" : "Bronxdale Avenue",

"zipcode" : "10462"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-06-04T00:00:00Z"),

"grade" : "A",

"score" : 5

},

{

"date" : ISODate("2013-05-22T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-12-13T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-05-14T00:00:00Z"),

"grade" : "B",

"score" : 16

},

{

"date" : ISODate("2011-12-28T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2011-08-10T00:00:00Z"),

"grade" : "A",

"score" : 11

}

],

"name" : "Castlehill Diner",

"restaurant\_id" : "40382517"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52839"),

"address" : {

"building" : "5977",

"coord" : [

-73.8982704,

40.8896923

],

"street" : "Broadway",

"zipcode" : "10463"

},

"borough" : "Bronx",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-30T00:00:00Z"),

"grade" : "A",

"score" : 6

},

{

"date" : ISODate("2013-04-25T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2012-11-20T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-05-30T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2011-12-19T00:00:00Z"),

"grade" : "B",

"score" : 18

}

],

"name" : "Short Stop Restaurant",

"restaurant\_id" : "40383819"

}

Type "it" for more

19. Find the restaurant Id, name, borough and cuisine for those restaurants which belong to the boroughs of Staten Island or Queens or Bronx or Brooklyn.

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

{

"\_id" : ObjectId("63968ca187cbddca1ca5260e"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"name" : "Wendy'S",

"restaurant\_id" : "30112340"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5260f"),

"borough" : "Staten Island",

"cuisine" : "Jewish/Kosher",

"name" : "Kosher Island",

"restaurant\_id" : "40356442"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52610"),

"borough" : "Queens",

"cuisine" : "Jewish/Kosher",

"name" : "Tov Kosher Kitchen",

"restaurant\_id" : "40356068"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52611"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "Regina Caterers",

"restaurant\_id" : "40356649"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52613"),

"borough" : "Queens",

"cuisine" : "American ",

"name" : "Brunos On The Boulevard",

"restaurant\_id" : "40356151"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52614"),

"borough" : "Bronx",

"cuisine" : "American ",

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52615"),

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Taste The Tropics Ice Cream",

"restaurant\_id" : "40356731"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52616"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "C & C Catering Service",

"restaurant\_id" : "40357437"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52618"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "Riviera Caterer",

"restaurant\_id" : "40356018"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52619"),

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40360076"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261a"),

"borough" : "Brooklyn",

"cuisine" : "Chinese",

"name" : "May May Kitchen",

"restaurant\_id" : "40358429"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261b"),

"borough" : "Queens",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40361322"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261c"),

"borough" : "Bronx",

"cuisine" : "Bakery",

"name" : "Morris Park Bake Shop",

"restaurant\_id" : "30075445"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261d"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "The Movable Feast",

"restaurant\_id" : "40361606"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261e"),

"borough" : "Queens",

"cuisine" : "Delicatessen",

"name" : "Sal'S Deli",

"restaurant\_id" : "40361618"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52620"),

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"name" : "Nordic Delicacies",

"restaurant\_id" : "40361390"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52622"),

"borough" : "Brooklyn",

"cuisine" : "Jewish/Kosher",

"name" : "Seuda Foods",

"restaurant\_id" : "40360045"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52623"),

"borough" : "Queens",

"cuisine" : "Delicatessen",

"name" : "Steve Chu'S Deli & Grocery",

"restaurant\_id" : "40361998"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52624"),

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"name" : "Wilken'S Fine Food",

"restaurant\_id" : "40356483"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52628"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"name" : "White Castle",

"restaurant\_id" : "40362344"

}

Type "it" for more

20. Find the restaurant Id, name, borough and cuisine for those restaurants which are not belonging to the borough Staten Island or Queens or Bronx or Brooklyn

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

{

"\_id" : ObjectId("63968ca187cbddca1ca52612"),

"borough" : "Manhattan",

"cuisine" : "Irish",

"name" : "Dj Reynolds Pub And Restaurant",

"restaurant\_id" : "30191841"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52617"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "1 East 66Th Street Kitchen",

"restaurant\_id" : "40359480"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261f"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Glorious Food",

"restaurant\_id" : "40361521"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52621"),

"borough" : "Manhattan",

"cuisine" : "Delicatessen",

"name" : "Bully'S Deli",

"restaurant\_id" : "40361708"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52625"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "P & S Deli Grocery",

"restaurant\_id" : "40362264"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52626"),

"borough" : "Manhattan",

"cuisine" : "Chicken",

"name" : "Harriet'S Kitchen",

"restaurant\_id" : "40362098"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52627"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Angelika Film Center",

"restaurant\_id" : "40362274"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52629"),

"borough" : "Manhattan",

"cuisine" : "Turkish",

"name" : "The Country Cafe",

"restaurant\_id" : "40362715"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5262c"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Downtown Deli",

"restaurant\_id" : "40363021"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52631"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Cafe Metro",

"restaurant\_id" : "40363298"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52632"),

"borough" : "Manhattan",

"cuisine" : "Bakery",

"name" : "Olive'S",

"restaurant\_id" : "40363151"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52637"),

"borough" : "Manhattan",

"cuisine" : "Continental",

"name" : "Lorenzo & Maria'S",

"restaurant\_id" : "40363630"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52638"),

"borough" : "Manhattan",

"cuisine" : "Sandwiches/Salads/Mixed Buffet",

"name" : "Lexler Deli",

"restaurant\_id" : "40363426"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52639"),

"borough" : "Manhattan",

"cuisine" : "Pizza",

"name" : "Domino'S Pizza",

"restaurant\_id" : "40363644"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5263b"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Berkely",

"restaurant\_id" : "40363685"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5263e"),

"borough" : "Manhattan",

"cuisine" : "Pizza",

"name" : "Domino'S Pizza",

"restaurant\_id" : "40363945"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5263f"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Spoon Bread Catering",

"restaurant\_id" : "40364179"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52646"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "21 Club",

"restaurant\_id" : "40364362"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52647"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Palm Restaurant",

"restaurant\_id" : "40364355"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52649"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Metropolitan Club",

"restaurant\_id" : "40364347"

}

Type "it" for more

21. Find the restaurant Id, name, borough and cuisine for those restaurants which achieved a score below 10.

> db.restaurants.find({ "grades.score": {$lt: 10} }, { restaurant\_id: 1, name: 1, borough: 1, cuisine: 1}).pretty()

{

"\_id" : ObjectId("63968ca187cbddca1ca5260e"),

"borough" : "Brooklyn",

"cuisine" : "Hamburgers",

"name" : "Wendy'S",

"restaurant\_id" : "30112340"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5260f"),

"borough" : "Staten Island",

"cuisine" : "Jewish/Kosher",

"name" : "Kosher Island",

"restaurant\_id" : "40356442"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52611"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "Regina Caterers",

"restaurant\_id" : "40356649"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52612"),

"borough" : "Manhattan",

"cuisine" : "Irish",

"name" : "Dj Reynolds Pub And Restaurant",

"restaurant\_id" : "30191841"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52613"),

"borough" : "Queens",

"cuisine" : "American ",

"name" : "Brunos On The Boulevard",

"restaurant\_id" : "40356151"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52614"),

"borough" : "Bronx",

"cuisine" : "American ",

"name" : "Wild Asia",

"restaurant\_id" : "40357217"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52615"),

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Taste The Tropics Ice Cream",

"restaurant\_id" : "40356731"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52616"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "C & C Catering Service",

"restaurant\_id" : "40357437"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52617"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "1 East 66Th Street Kitchen",

"restaurant\_id" : "40359480"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52618"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "Riviera Caterer",

"restaurant\_id" : "40356018"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52619"),

"borough" : "Brooklyn",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40360076"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261a"),

"borough" : "Brooklyn",

"cuisine" : "Chinese",

"name" : "May May Kitchen",

"restaurant\_id" : "40358429"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261b"),

"borough" : "Queens",

"cuisine" : "Ice Cream, Gelato, Yogurt, Ices",

"name" : "Carvel Ice Cream",

"restaurant\_id" : "40361322"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261c"),

"borough" : "Bronx",

"cuisine" : "Bakery",

"name" : "Morris Park Bake Shop",

"restaurant\_id" : "30075445"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261d"),

"borough" : "Brooklyn",

"cuisine" : "American ",

"name" : "The Movable Feast",

"restaurant\_id" : "40361606"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261e"),

"borough" : "Queens",

"cuisine" : "Delicatessen",

"name" : "Sal'S Deli",

"restaurant\_id" : "40361618"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5261f"),

"borough" : "Manhattan",

"cuisine" : "American ",

"name" : "Glorious Food",

"restaurant\_id" : "40361521"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52620"),

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"name" : "Nordic Delicacies",

"restaurant\_id" : "40361390"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52621"),

"borough" : "Manhattan",

"cuisine" : "Delicatessen",

"name" : "Bully'S Deli",

"restaurant\_id" : "40361708"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52622"),

"borough" : "Brooklyn",

"cuisine" : "Jewish/Kosher",

"name" : "Seuda Foods",

"restaurant\_id" : "40360045"

}

Type "it" for more

22. Find the restaurant Id, name, borough and cuisine for those restaurants which prepared dish except 'American' and 'Chinese' or restaurant's name begins with letter 'Wil'.

db.restaurants.find({ $and: [ {cuisine: {$ne: "American "}}, {cuisine: {$ne: "Chinese"}}, {name: {$regex: /^Wil/}} ] }, { restaurant\_id: 1, name: 1, borough: 1, cuisine: 1}).pretty()

{

"\_id" : ObjectId("63968ca187cbddca1ca52624"),

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"name" : "Wilken'S Fine Food",

"restaurant\_id" : "40356483"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5341e"),

"borough" : "Bronx",

"cuisine" : "Pizza",

"name" : "Wilbel Pizza",

"restaurant\_id" : "40871979"

}

23. Find the restaurant Id, name, and grades for those restaurants which achieved a grade of "A" and scored 11 on an ISODate "2014-08-11T00:00:00Z" among many of survey dates.

{

"\_id" : ObjectId("63968ca187cbddca1ca52767"),

"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" : "40372417"

}

24. Find the restaurant Id, name and grades for those restaurants where the 2nd element of grades array contains a grade of "A" and score 9 on an ISODate "2014-08-11T00:00:00Z"

{

"\_id" : ObjectId("63968ca187cbddca1ca52c37"),

"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"

}

25. xFind the restaurant Id, name, address and geographical location for those restaurants where 2nd element of coord array contains a value which is more than 42 and up to 52.

{

"\_id" : ObjectId("63968ca187cbddca1ca528a9"),

"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("63968ca187cbddca1ca528d9"),

"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("63968ca187cbddca1ca52b46"),

"address" : {

"building" : "3000",

"coord" : [

-87.86567699999999,

42.61150920000001

],

"street" : "47 Avenue",

"zipcode" : "11101"

},

"name" : "Di Luvio'S Deli",

"restaurant\_id" : "40402284"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca52d71"),

"address" : {

"building" : "21972199",

"coord" : [

-78.589606,

42.8912372

],

"street" : "Broadway",

"zipcode" : "10024"

},

"name" : "La Caridad 78",

"restaurant\_id" : "40568285"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5343b"),

"address" : {

"building" : "7981",

"coord" : [

-84.9751215,

45.4713351

],

"street" : "Hoyt Street",

"zipcode" : "11201"

},

"name" : "Bijan'S",

"restaurant\_id" : "40876618"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca5344f"),

"address" : {

"building" : "0",

"coord" : [

-88.0778799,

42.4154769

],

"street" : "& Grand Central",

"zipcode" : "10017"

},

"name" : "Hyatt, Ny Central/Room Service",

"restaurant\_id" : "40879243"

}

{

"\_id" : ObjectId("63968ca187cbddca1ca53465"),

"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"

}

bye

C:\Users\Alqia\OneDrive\Documents\mongo\Assignment 4>