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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
```

```
PS I:\V\y Drive\CS-GY 6513 Big Data\Assignment 4> mongoimport --db aaz7118_db --collection restaurants --file restaurants.json
2022-12-08T11:17:04.965-0500 connected to: mongodb://localhost/
3772 document(s) imported successfully. 0 document(s) failed to import.
PS I:\V\y Drive\CS-GY 6513 Big Data\Assignment 4> mongo
MongoDB shell version v4.2.23
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("a4247fdd-f1d4-4cdf-b033-aa736f473b0f") }
MongoDB server version: 4.2.23
Server has startup warnings:
2022-12-08T01:56:13.621-0500 I CONTROL [initandlisten]
2022-12-08T01:56:13.621-0500 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2022-12-08T01:56:13.621-0500 I CONTROL [initandlisten] ** Read and write access to data and configuration is unrestricted.
2022-12-08T01:56:13.622-0500 I CONTROL [initandlisten]
---
Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> show dbs
aaz7118_db 0.001GB
admin      0.000GB
config     0.000GB
local      0.000GB
> use aaz7118_db
switched to db aaz7118_db
> db.restaurants.find().limit(1)
{ "_id" : ObjectId("63920e000b4536eca8469562"), "address" : { "building" : "1807", "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" } ]
>
```

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

Instructions

To run this script, 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_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_pretty_verbose.js: uses .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_verbose.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

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": [-
73.969269099999999, 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": [-
73.982419999999999, 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": [-73.8151175, 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, 40.897946999999999 ], "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" }
```

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{ "_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" }
```

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{ "_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, 40.829411000000001], "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. Find 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" }
```

3. Extra Credit: 50 points

Instructions

To run this script, make sure you run this on command prompt to import the data:

1. `mongoimport --db aaz7118_db --collection events --file historical-events.json`
2. `mongoimport --db aaz7118_db --collection meteor --file meteorites.json`
3. `mongoimport --db aaz7118_db --collection city --type csv --headerline --file worldcities.csv`

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 <q3.js`
```

The output of running q2_verbose.js has been copied into "aaz7118_Assignment_4.pdf" with indexing for each query.

NOTE: I could only get `mongo <q3.js` to work on command prompt. It did not work on bash or PowerShell.

switched to db aaz7118_db

1. 15 points: (events.json): Count the number of events per year.

```
{ "_id" : -300, "count" : 7 }
{ "_id" : -299, "count" : 3 }
{ "_id" : -298, "count" : 6 }
{ "_id" : -297, "count" : 6 }
{ "_id" : -296, "count" : 2 }
{ "_id" : -295, "count" : 3 }
{ "_id" : -294, "count" : 6 }
{ "_id" : -293, "count" : 4 }
{ "_id" : -292, "count" : 2 }
{ "_id" : -291, "count" : 2 }
{ "_id" : -290, "count" : 2 }
{ "_id" : -289, "count" : 1 }
{ "_id" : -288, "count" : 5 }
{ "_id" : -287, "count" : 6 }
```

```
{ "_id" : -286, "count" : 3 }
```

```
{ "_id" : -285, "count" : 3 }
```

```
{ "_id" : -284, "count" : 5 }
```

```
{ "_id" : -283, "count" : 5 }
```

```
{ "_id" : -282, "count" : 5 }
```

```
{ "_id" : -281, "count" : 6 }
```

Type "it" for more

2. 25 points: (meteorites.json, worldcities.csv): Use the MongoDB geospatial facilities to find the nearest city to each meteorite “fallen” (not found) since the year 1950, inclusive.

```
{ "n" : 12893, "nModified" : 12893, "ok" : 1 }
```

```
{
```

```
  "createdCollectionAutomatically" : false,
```

```
  "numIndexesBefore" : 1,
```

```
  "numIndexesAfter" : 2,
```

```
  "ok" : 1
```

```
}
```

```
{
```

```
  "createdCollectionAutomatically" : false,
```

```
  "numIndexesBefore" : 1,
```

```
  "numIndexesAfter" : 2,
```

```
  "ok" : 1
```

```
}
```

```
{ meteor: Acapulco, year: 1976, geolocation: [-99.9,16.88333], city: Acapulco, state: Guerrero, country: Mexico geolocation: [-99.916,16.85] }
```

```
{ meteor: Aioun el Atrouss, year: 1974, geolocation: [-9.57028,16.39806], city: Ayoun el Atrous, state: odh el Gharbi, country: Mauritania geolocation: [-9.6167,16.6666] }
```

```
{ meteor: Aarhus, year: 1951, geolocation: [10.23333,56.18333], city: Århus, state: Midtjylland, country: Denmark geolocation: [10.2107,56.1572] }
```

{ meteor: Al Rais, year: 1957, geolocation: [39.51667,24.41667], city: Medina, state: Al Madīnah al Munawwarah, country: Saudi Arabia geolocation: [39.58,24.5] }

{ meteor: Al Zarnkh, year: 2001, geolocation: [28.96,13.66033], city: En Nuhud, state: Western Kordofan, country: Sudan geolocation: [28.42,12.6904] }

{ meteor: Akyumak, year: 1981, geolocation: [42.81667,39.91667], city: Ağrı, state: Ağrı, country: Turkey geolocation: [43.0513,39.7198] }

{ meteor: Alby sur Chéran, year: 2002, geolocation: [6.01533,45.82133], city: Annecy, state: Auvergne-Rhône-Alpes, country: France geolocation: [6.1167,45.9] }

{ meteor: Abee, year: 1952, geolocation: [-113,54.21667], city: Athabasca, state: Alberta, country: Canada geolocation: [-113.2666,54.717] }

{ meteor: Allende, year: 1969, geolocation: [-105.31667,26.96667], city: Hidalgo del Parral, state: Chihuahua, country: Mexico geolocation: [-105.6666,26.9334] }

{ meteor: Akwanga, year: 1959, geolocation: [8.43333,8.91667], city: Lafia, state: Nasarawa, country: Nigeria geolocation: [8.52,8.4904] }

{ meteor: Almahata Sitta, year: 2008, geolocation: [32.41275,20.74575], city: Wadi Halfa, state: Northern, country: Sudan geolocation: [31.35,21.8] }

{ meteor: Alta'ameem, year: 1977, geolocation: [44.21556,35.27333], city: Kirkuk, state: Kirkūk, country: Iraq geolocation: [44.3923,35.4722] }

{ meteor: Anlong, year: 1971, geolocation: [105.18333,25.15], city: Xingyi, state: Guizhou, country: China geolocation: [104.89,25.0904] }

{ meteor: Aomori, year: 1984, geolocation: [140.78556,40.81056], city: Aomori, state: Aomori, country: Japan geolocation: [140.71,40.825] }

{ meteor: Andreevka, year: 1969, geolocation: [37.5,48.7], city: Kramatorsk, state: Donetsk Oblast', country: Ukraine geolocation: [37.5344,48.7194] }

{ meteor: Arbol Solo, year: 1954, geolocation: [-66,-33], city: San Luis, state: San Luis, country: Argentina geolocation: [-66.35,-33.3] }

{ meteor: Arroyo Aguiar, year: 1950, geolocation: [-60.66667,-31.41667], city: Santa Fe, state: Santa Fe, country: Argentina geolocation: [-60.69,-31.6239] }

{ meteor: Ash Creek, year: 2009, geolocation: [-97.01,31.805], city: Lacy-Lakeview, state: Texas, country: United States geolocation: [-97.1052,31.6292] }

{ meteor: Avanhandava, year: 1952, geolocation: [-49.95083,-21.46028], city: Penápolis, state: São Paulo, country: Brazil geolocation: [-50.08,-21.41] }

{ meteor: Awere, year: 1968, geolocation: [32.83333,2.71667], city: Kole, state: Kole, country: Uganda geolocation: [32.8003,2.4002] }

{ meteor: Ban Rong Du, year: 1993, geolocation: [101.18333,16.66667], city: Phetchabun, state: Phetchabun, country: Thailand geolocation: [101.159,16.419] }

{ meteor: Bassikounou, year: 2006, geolocation: [-5.9,15.78333], city: Sokolo, state: Ségou, country: Mali geolocation: [-6.1333,14.7337] }

{ meteor: Barwell, year: 1965, geolocation: [-1.33972,52.56528], city: Leicester, state: Leicester, country: United Kingdom geolocation: [-1.1332,52.63] }

{ meteor: Baszkówka, year: 1994, geolocation: [20.93583,52.03333], city: Warsaw, state: Mazowieckie, country: Poland geolocation: [21,52.25] }

{ meteor: Battle Mountain, year: 2012, geolocation: [-117.18913,40.66813], city: Winnemucca, state: Nevada, country: United States geolocation: [-117.725,40.9646] }

{ meteor: Bawku, year: 1989, geolocation: [-0.18333,11.08333], city: Bawku, state: Upper East, country: Ghana geolocation: [-0.24,11.0604] }

{ meteor: Benguerir, year: 2004, geolocation: [-8.15,32.25], city: Marrakesh, state: Marrakech-Safi, country: Morocco geolocation: [-8,31.63] }

{ meteor: Beni M'hira, year: 2001, geolocation: [10.8,32.86667], city: Tataouine, state: Tataouine, country: Tunisia geolocation: [10.4667,33] }

{ meteor: Bensour, year: 2002, geolocation: [-7,30], city: Marrakesh, state: Marrakech-Safi, country: Morocco geolocation: [-8,31.63] }

{ meteor: Bells, year: 1961, geolocation: [-96.46667,33.6], city: Sherman, state: Texas, country: United States geolocation: [-96.6195,33.6266] }

{ meteor: Berduc, year: 2008, geolocation: [-58.32833,-31.91], city: Paysandú, state: Paysandú, country: Uruguay geolocation: [-58.08,-32.33] }

{ meteor: Berthoud, year: 2004, geolocation: [-105.02325,40.30583], city: Berthoud, state: Colorado, country: United States geolocation: [-105.0412,40.3059] }

{ meteor: Bhawad, year: 2002, geolocation: [73.11528,26.50833], city: Jodhpur, state: Rājasthān, country: India geolocation: [73.0168,26.2918] }

{ meteor: Bo Xian, year: 1977, geolocation: [115.83333,33.83333], city: Shangqiu, state: Henan, country: China geolocation: [115.65,34.4504] }

{ meteor: Bogou, year: 1962, geolocation: [0.7,12.5], city: Fada Ngourma, state: Est, country: Burkina Faso geolocation: [0.361,12.055] }

{ meteor: Bilanga, year: 1999, geolocation: [-0.08333,12.45], city: Koupéla, state: Centre-Est, country: Burkina Faso geolocation: [-0.356,12.177] }

{ meteor: Binningup, year: 1984, geolocation: [115.67639,-33.15639], city: Bunbury, state: Western Australia, country: Australia geolocation: [115.6502,-33.3443] }

{ meteor: Boumdeid (2003), year: 2003, geolocation: [-11.3715,17.71067], city: Tidjikdja, state: Tagant, country: Mauritania geolocation: [-11.4166,18.55] }

{ meteor: Bovedy, year: 1969, geolocation: [-6.33333,54.56667], city: Craigavon, state: Armagh, Banbridge and Craigavon, country: United Kingdom geolocation: [-6.3646,54.4497] }

{ meteor: Breitscheid, year: 1956, geolocation: [8.18361,50.66694], city: Gießen, state: Hesse, country: Germany geolocation: [8.65,50.5837] }

{ meteor: Bruderheim, year: 1960, geolocation: [-112.88333,53.9], city: Edmonton, state: Alberta, country: Canada geolocation: [-113.5,53.55] }

{ meteor: Bunburra Rockhole, year: 2007, geolocation: [129.19,-31.35], city: Ceduna, state: South Australia, country: Australia geolocation: [133.6623,-32.0991] }

{ meteor: Bukhara, year: 2001, geolocation: [64.60035,39.77978], city: Kogon, state: Buxoro, country: Uzbekistan geolocation: [64.5458,39.7211] }

{ meteor: Buzzard Coulee, year: 2008, geolocation: [-109.84817,52.996], city: North Battleford, state: Saskatchewan, country: Canada geolocation: [-108.2833,52.7666] }

{ meteor: Boumdeid (2011), year: 2011, geolocation: [-11.34133,17.17493], city: Kiffa, state: Assaba, country: Mauritania geolocation: [-11.4,16.62] }

{ meteor: Burnwell, year: 1990, geolocation: [-82.23722,37.62194], city: Pikeville, state: Kentucky, country: United States geolocation: [-82.5261,37.4808] }

{ meteor: Cali, year: 2007, geolocation: [-76.51,3.405], city: Cali, state: Valle del Cauca, country: Colombia geolocation: [-76.5,3.4] }

{ meteor: Campos Sales, year: 1991, geolocation: [-40.16667,-7.03333], city: Crato, state: Ceará, country: Brazil geolocation: [-39.42,-7.2296] }

{ meteor: Çanakkale, year: 1964, geolocation: [26.6,39.8], city: Çanakkale, state: Çanakkale, country: Turkey geolocation: [26.4064,40.1459] }

{ meteor: Canon City, year: 1973, geolocation: [-105.24139,38.47028], city: Cañon City, state: Colorado, country: United States geolocation: [-105.2201,38.443] }

{ meteor: Carancas, year: 2007, geolocation: [-69.04389,-16.66444], city: Desaguadero, state: Puno, country: Peru geolocation: [-69.045,-16.5646] }

{ meteor: Cenicerros, year: 1988, geolocation: [-105.23333,26.46667], city: Hidalgo del Parral, state: Chihuahua, country: Mexico geolocation: [-105.6666,26.9334] }

{ meteor: Centerville, year: 1956, geolocation: [-96.91667,43.2], city: Tea, state: South Dakota, country: United States geolocation: [-96.8346,43.4515] }

{ meteor: Chadong, year: 1998, geolocation: [109.31667,28.53333], city: Tongren, state: Guizhou, country: China geolocation: [109.13,27.6804] }

{ meteor: Changde, year: 1977, geolocation: [111.75,29.08333], city: Changde, state: Hunan, country: China geolocation: [111.68,29.03] }

{ meteor: Chela, year: 1988, geolocation: [32.5,-3.66667], city: Kahama, state: Shinyanga, country: Tanzania geolocation: [32.58,-3.8196] }

{ meteor: Chelyabinsk, year: 2013, geolocation: [61.11667,54.81667], city: Yemanzhelinsk, state: Chelyabinskaya Oblast', country: Russia geolocation: [61.2935,54.7489] }

{ meteor: Chergach , year: 2007, geolocation: [-5.01472,23.69639], city: Taoudenni, state: Tombouctou, country: Mali geolocation: [-3.9834,22.6666] }

{ meteor: Chernyi Bor, year: 1964, geolocation: [30.1,53.7], city: Mahilyow, state: Mahilyowskaya Voblasts', country: Belarus geolocation: [30.3247,53.8985] }

{ meteor: Chiang Khan, year: 1981, geolocation: [101.63333,17.9], city: Loei, state: Loei, country: Thailand geolocation: [101.7315,17.4919] }

{ meteor: Chitenay, year: 1978, geolocation: [0.97667,47.47083], city: Tours, state: Centre-Val de Loire, country: France geolocation: [0.6999,47.3804] }

{ meteor: Chitado, year: 1966, geolocation: [13.96667,-17.35], city: Chitado, state: Cunene, country: Angola geolocation: [13.92,-17.3196] }

{ meteor: Cilimus, year: 1979, geolocation: [108.1,-6.95], city: Tasikmalaya, state: Jawa Barat, country: Indonesia geolocation: [108.2147,-7.3254] }

{ meteor: Claxton, year: 1984, geolocation: [-81.87278,32.1025], city: Statesboro, state: Georgia, country: United States geolocation: [-81.775,32.4376] }

{ meteor: Coleman, year: 1994, geolocation: [-84.50778,43.76111], city: Clare, state: Michigan, country: United States geolocation: [-84.7628,43.8245] }

{ meteor: Conquista, year: 1965, geolocation: [-47.55,-19.85], city: Uberaba, state: Minas Gerais, country: Brazil geolocation: [-47.95,-19.78] }

{ meteor: Chisenga, year: 1988, geolocation: [33.395,-10.05944], city: Chitipa, state: Chitipa, country: Malawi geolocation: [33.2666,-9.7162] }

{ meteor: Dahmani, year: 1981, geolocation: [8.83333,35.61667], city: Qasserine, state: Kasserine, country: Tunisia geolocation: [8.83,35.1804] }

{ meteor: Dashoguz, year: 1998, geolocation: [59.685,41.98444], city: Daşoguz, state: Daşoguz, country: Turkmenistan geolocation: [59.965,41.84] }

{ meteor: Daule, year: 2008, geolocation: [-79.95756,-1.87089], city: Guayaquil, state: Guayas, country: Ecuador geolocation: [-79.92,-2.22] }

{ meteor: Dergaon, year: 2001, geolocation: [93.86667,26.68333], city: Jorhat, state: Assam, country: India geolocation: [94.2167,26.75] }

{ meteor: Desuri, year: 1962, geolocation: [73.61667,25.73333], city: Pali, state: Rājasthān, country: India geolocation: [73.3299,25.7904] }

{ meteor: Denver, year: 1967, geolocation: [-104.93056,39.7825], city: Denver, state: Colorado, country: United States geolocation: [-104.8759,39.7621] }

{ meteor: Devgaon, year: 2001, geolocation: [81,19], city: Warangal, state: Andhra Pradesh, country: India geolocation: [79.58,18.01] }

{ meteor: Devri-Khera, year: 1994, geolocation: [76.525,24.225], city: Kota, state: Rājasthān, country: India geolocation: [75.835,25.18] }

{ meteor: Djoumine, year: 1999, geolocation: [9.55,36.95], city: Béja, state: Béja, country: Tunisia geolocation: [9.19,36.7304] }

{ meteor: Didim, year: 2007, geolocation: [27.32997,37.35172], city: Söke, state: Aydın, country: Turkey geolocation: [27.4103,37.7512] }

{ meteor: Distrito Quebracho, year: 1957, geolocation: [-60.46667,-31.88333], city: Paraná, state: Entre Ríos, country: Argentina geolocation: [-60.5333,-31.7333] }

{ meteor: Djermaia, year: 1961, geolocation: [15.05,12.73333], city: Ndjamena, state: Ville de N'Djaména, country: Chad geolocation: [15.0491,12.1131] }

{ meteor: Dhajala, year: 1976, geolocation: [71.42722,22.37778], city: Rajkot, state: Gujarāt, country: India geolocation: [70.8,22.31] }

{ meteor: Dongtai, year: 1970, geolocation: [120.78333,32.91667], city: Yancheng, state: Jiangsu, country: China geolocation: [120.1253,33.3856] }

{ meteor: Dowa, year: 1976, geolocation: [33.91667,-13.66667], city: Dowa, state: Dowa, country: Malawi geolocation: [33.9385,-13.6532] }

{ meteor: Dong Ujimqin Qi, year: 1995, geolocation: [119.03333,45.5], city: Bairin Zuoqi, state: Inner Mongolia, country: China geolocation: [119.1834,43.9837] }

{ meteor: Dubrovnik, year: 1951, geolocation: [18.44167,42.45833], city: Herceg-Novi, state: Herceg Novi, country: Montenegro geolocation: [18.5375,42.4531] }

{ meteor: Dunbogan, year: 1999, geolocation: [152.83333,-31.66667], city: Port Macquarie, state: New South Wales, country: Australia geolocation: [152.9187,-31.445] }

{ meteor: Dosso, year: 1962, geolocation: [3.16667,13.05], city: Dosso, state: Dosso, country: Niger geolocation: [3.2,13.05] }

{ meteor: Dunhua, year: 1976, geolocation: [128.25,43.33333], city: Dunhua, state: Jilin, country: China geolocation: [128.22,43.3505] }

{ meteor: Ehole, year: 1961, geolocation: [15.83333,-17.3], city: Oshikango, state: Ohangwena, country: Namibia geolocation: [15.88,-17.3995] }

{ meteor: El Idrissia, year: 1989, geolocation: [3.25,34.41667], city: Djelfa, state: Djelfa, country: Algeria
geolocation: [3.25,34.68] }

{ meteor: El Paso de Aguila, year: 1977, geolocation: [-97.37,25.37], city: Matamoros, state: Tamaulipas,
country: Mexico geolocation: [-97.5,25.88] }

{ meteor: El Tigre, year: 1993, geolocation: [-103.05167,19.96722], city: Ciudad Guzman, state: Jalisco,
country: Mexico geolocation: [-103.46,19.7104] }

{ meteor: Dwaleni, year: 1970, geolocation: [31.31667,-27.2], city: Nhlangano, state: Shiselweni,
country: Swaziland geolocation: [31.1983,-27.1122] }

{ meteor: Elbert, year: 1998, geolocation: [-104.58817,39.24667], city: Castle Rock, state: Colorado,
country: United States geolocation: [-104.8536,39.3761] }

{ meteor: Enshi, year: 1974, geolocation: [109.5,30.3], city: Fengjie, state: Chongqing, country: China
geolocation: [109.5167,31.0504] }

{ meteor: Elenovka, year: 1951, geolocation: [37.66667,47.83333], city: Donetsk, state: Donets'ka
Oblast', country: Ukraine geolocation: [37.83,48] }

{ meteor: Essebi, year: 1957, geolocation: [30.83333,2.88333], city: Arua, state: Arua, country: Uganda
geolocation: [30.9,3.0204] }

{ meteor: Fermo, year: 1996, geolocation: [13.75333,43.18111], city: Ancona, state: Marche, country:
Italy geolocation: [13.4999,43.6004] }

{ meteor: Fuyang, year: 1977, geolocation: [115.9,32.9], city: Fuyang, state: Anhui, country: China
geolocation: [115.82,32.9004] }

{ meteor: Gao-Guenie, year: 1960, geolocation: [-2.18333,11.65], city: Sapouy, state: Centre-Ouest,
country: Burkina Faso geolocation: [-1.7736,11.5544] }

{ meteor: Garland, year: 1950, geolocation: [-112.13333,41.68333], city: Tremonton, state: Utah,
country: United States geolocation: [-112.189,41.7188] }

{ meteor: Gasseltepaoua, year: 2000, geolocation: [-2.04167,14.15083], city: Djibo, state: Sahel, country:
Burkina Faso geolocation: [-1.627,14.099] }

{ meteor: Gashua, year: 1984, geolocation: [11.03333,12.85], city: Gashua, state: Yobe, country: Nigeria
geolocation: [11.04,12.8705] }

{ meteor: Geidam, year: 1950, geolocation: [11.91667,12.91667], city: Diffa, state: Diffa, country: Niger
geolocation: [12.6089,13.3171] }

{ meteor: Galkiv, year: 1995, geolocation: [30.78333,51.68333], city: Chernihiv, state: Chernihivs'ka
Oblast', country: Ukraine geolocation: [31.3015,51.5049] }

{ meteor: Galim (a), year: 1952, geolocation: [12.43333,7.05], city: Tibati, state: Adamaoua, country:
Cameroon geolocation: [12.6333,6.467] }

{ meteor: Glanerbrug, year: 1990, geolocation: [6.86667,52.2], city: Münster, state: North Rhine-Westphalia, country: Germany geolocation: [7.62,51.9704] }

{ meteor: Glatton, year: 1991, geolocation: [-0.3,52.45972], city: Peterborough, state: Peterborough, country: United Kingdom geolocation: [-0.25,52.5804] }

{ meteor: Gorlovka, year: 1974, geolocation: [38.08333,48.28333], city: Horlivka, state: Donetsk Oblast', country: Ukraine geolocation: [38.0547,48.2996] }

{ meteor: Galim (b), year: 1952, geolocation: [12.43333,7.05], city: Tibati, state: Adamaoua, country: Cameroon geolocation: [12.6333,6.467] }

{ meteor: Granes, year: 1964, geolocation: [2.25,42.9], city: Perpignan, state: Occitanie, country: France geolocation: [2.9,42.7] }

{ meteor: Grimsby, year: 2009, geolocation: [-79.61667,43.2], city: Hamilton, state: Ontario, country: Canada geolocation: [-79.83,43.25] }

{ meteor: Guangmingshan, year: 1996, geolocation: [122.76389,39.80417], city: Zhuanghe, state: Liaoning, country: China geolocation: [122.9619,39.6823] }

{ meteor: Guangnan, year: 1983, geolocation: [105,24.1], city: Xingyi, state: Guizhou, country: China geolocation: [104.89,25.0904] }

{ meteor: Guangrao, year: 1980, geolocation: [118.4,37.1], city: Buizhou, state: Shandong, country: China geolocation: [118.02,37.3704] }

{ meteor: Guibga, year: 1972, geolocation: [-0.68333,13.5], city: Kaya, state: Centre-Nord, country: Burkina Faso geolocation: [-1.09,13.0904] }

{ meteor: Gujargaon, year: 1982, geolocation: [76.05,22.98333], city: Ujjain, state: Madhya Pradesh, country: India geolocation: [75.79,23.1904] }

{ meteor: Grefsheim, year: 1976, geolocation: [11,60.66667], city: Hamar, state: Hedmark, country: Norway geolocation: [11.069,60.82] }

{ meteor: Gujba, year: 1984, geolocation: [11.65833,11.49167], city: Damaturu, state: Yobe, country: Nigeria geolocation: [11.966,11.749] }

{ meteor: Gursum, year: 1981, geolocation: [42.41667,9.36667], city: Harar, state: Hārērī Hizb, country: Ethiopia geolocation: [42.15,9.32] }

{ meteor: Hamlet, year: 1959, geolocation: [-86.6,41.38333], city: Plymouth, state: Indiana, country: United States geolocation: [-86.3188,41.3482] }

{ meteor: Harleton, year: 1961, geolocation: [-94.51167,32.675], city: Marshall, state: Texas, country: United States geolocation: [-94.3515,32.537] }

{ meteor: Haverö, year: 1971, geolocation: [22.06194,60.24556], city: Turku, state: Varsinais-Suomi, country: Finland geolocation: [22.255,60.4539] }

{ meteor: Hiroshima, year: 2003, geolocation: [132.38333,34.45], city: Hiroshima, state: Hiroshima, country: Japan geolocation: [132.4429,34.3878] }

{ meteor: Hoima, year: 2003, geolocation: [31.47278,1.345], city: Hoima, state: Hoima, country: Uganda geolocation: [31.3436,1.4356] }

{ meteor: Hökmark, year: 1954, geolocation: [21.2,64.43333], city: Skellefteå, state: Västerbotten, country: Sweden geolocation: [20.95,64.7721] }

{ meteor: Hotse, year: 1956, geolocation: [115.5,35.66667], city: Puyang, state: Henan, country: China geolocation: [114.98,35.7004] }

{ meteor: Hoxie, year: 1963, geolocation: [-100.45,39.35], city: Colby, state: Kansas, country: United States geolocation: [-101.0455,39.3852] }

{ meteor: Idutywa, year: 1956, geolocation: [28.33333,-32.1], city: Umtata, state: Eastern Cape, country: South Africa geolocation: [28.79,-31.58] }

{ meteor: Iguaracu, year: 1977, geolocation: [-51.83333,-23.2], city: Maringá, state: Paraná, country: Brazil geolocation: [-51.93,-23.4095] }

{ meteor: Ijopega, year: 1975, geolocation: [145.36667,-6.03333], city: Goroka, state: Eastern Highlands, country: Papua New Guinea geolocation: [145.3855,-6.0833] }

{ meteor: Inner Mongolia, year: 1963, geolocation: [112,41], city: Hohhot, state: Inner Mongolia, country: China geolocation: [111.66,40.82] }

{ meteor: Huaxi, year: 2010, geolocation: [106.63241,26.46469], city: Guiyang, state: Guizhou, country: China geolocation: [106.72,26.58] }

{ meteor: Innisfree, year: 1977, geolocation: [-111.3375,53.415], city: Vegreville, state: Alberta, country: Canada geolocation: [-112.05,53.5] }

{ meteor: Ipiranga, year: 1972, geolocation: [-54.5,-25.5], city: Foz do Iguaçu, state: Paraná, country: Brazil geolocation: [-54.53,-25.5235] }

{ meteor: Ishinga, year: 1954, geolocation: [33.8,-8.93333], city: Tukuyu, state: Mbeya, country: Tanzania geolocation: [33.64,-9.2496] }

{ meteor: Itqiy, year: 1990, geolocation: [-12.95217,26.59083], city: Bir Mogrein, state: Tiris Zemmour, country: Mauritania geolocation: [-11.5833,25.2333] }

{ meteor: Ibitira, year: 1957, geolocation: [-45,-20], city: Divinópolis, state: Minas Gerais, country: Brazil geolocation: [-44.9,-20.1495] }

{ meteor: Jartai, year: 1979, geolocation: [105.8,39.7], city: Wuhai, state: Inner Mongolia, country: China geolocation: [106.8122,39.6647] }

{ meteor: Jilin, year: 1976, geolocation: [126.16667,44.05], city: Jiutai, state: Jilin, country: China geolocation: [125.8443,44.1447] }

{ meteor: Jodiya, year: 2006, geolocation: [70.31333,22.68], city: Rajkot, state: Gujarāt, country: India
geolocation: [70.8,22.31] }

{ meteor: Jiange, year: 1964, geolocation: [104.91667,31.91667], city: Mianyang, state: Sichuan, country:
China geolocation: [104.77,31.47] }

{ meteor: Jolomba, year: 1974, geolocation: [15.83333,-11.85], city: Calucinga, state: Bié, country:
Angola geolocation: [16.2,-11.3196] }

{ meteor: Juancheng, year: 1997, geolocation: [115.41667,35.5], city: Heze, state: Shandong, country:
China geolocation: [115.45,35.23] }

{ meteor: Jumapalo, year: 1984, geolocation: [111.2,-7.71667], city: Madiun, state: Jawa Timur, country:
Indonesia geolocation: [111.515,-7.6346] }

{ meteor: Junan, year: 1976, geolocation: [118.8,35.2], city: Linyi, state: Shandong, country: China
geolocation: [118.33,35.08] }

{ meteor: Juromenha, year: 1968, geolocation: [-7.27,38.74028], city: Badajoz, state: Extremadura,
country: Spain geolocation: [-6.97,38.8804] }

{ meteor: Jesenice, year: 2009, geolocation: [14.05217,46.42137], city: Jesenice, state: Jesenice, country:
Slovenia geolocation: [14.0669,46.4306] }

{ meteor: Kabo, year: 1971, geolocation: [8.21667,11.85], city: Kano, state: Kano, country: Nigeria
geolocation: [8.52,12] }

{ meteor: Kaidun, year: 1980, geolocation: [48.3,15], city: Al Mukalla, state: Ḥaḍramawt, country: Yemen
geolocation: [49.1259,14.5412] }

{ meteor: Kalaba, year: 1951, geolocation: [29.5,-6.83333], city: Moba, state: Tanganyika, country:
Congo (Kinshasa) geolocation: [29.72,-7.0596] }

{ meteor: Kandahar (Afghanistan), year: 1959, geolocation: [65.78333,31.6], city: Kandahar, state:
Kandahār, country: Afghanistan geolocation: [65.6949,31.61] }

{ meteor: Kaprada, year: 2004, geolocation: [73.22329,20.33916], city: Silvassa, state: Dādra and Nagar
Haveli, country: India geolocation: [73.0166,20.2666] }

{ meteor: Karatu, year: 1963, geolocation: [35.58333,-3.5], city: Oldeani, state: Arusha, country:
Tanzania geolocation: [35.55,-3.3496] }

{ meteor: Karloowala, year: 1955, geolocation: [71.6,31.58333], city: Dera Ismail Khan, state: Khyber
Pakhtunkhwa, country: Pakistan geolocation: [70.8986,31.829] }

{ meteor: Katagum, year: 1999, geolocation: [10.08333,11.33333], city: Azare, state: Bauchi, country:
Nigeria geolocation: [10.19,11.6804] }

{ meteor: Kasauli, year: 2003, geolocation: [77.58333,29.58333], city: Muzaffarnagar, state: Uttar
Pradesh, country: India geolocation: [77.695,29.485] }

{ meteor: Kavarpura, year: 2006, geolocation: [75.81333,25.14333], city: Kota, state: Rājasthān, country: India geolocation: [75.835,25.18] }

{ meteor: Kayakent, year: 1961, geolocation: [31.78,39.26333], city: Polatlı, state: Ankara, country: Turkey geolocation: [32.1472,39.5842] }

{ meteor: Kemer, year: 2008, geolocation: [29.41822,36.54194], city: Rodos, state: Notío Aigaío, country: Greece geolocation: [28.2225,36.4412] }

{ meteor: Kendrapara, year: 2003, geolocation: [86.70278,20.4625], city: Cuttack, state: Odisha, country: India geolocation: [85.8899,20.47] }

{ meteor: Kidairat, year: 1983, geolocation: [28,14], city: En Nuhud, state: Western Kordofan, country: Sudan geolocation: [28.42,12.6904] }

{ meteor: Kiel, year: 1962, geolocation: [10.15,54.4], city: Kiel, state: Schleswig-Holstein, country: Germany geolocation: [10.13,54.3304] }

{ meteor: Kiffa, year: 1970, geolocation: [-11.33333,16.58333], city: Kiffa, state: Assaba, country: Mauritania geolocation: [-11.4,16.62] }

{ meteor: Kilabo, year: 2002, geolocation: [9.8,12.76667], city: Nguru, state: Yobe, country: Nigeria geolocation: [10.45,12.8804] }

{ meteor: Kingai, year: 1967, geolocation: [24.68333,11.63333], city: Niyala, state: South Darfur, country: Sudan geolocation: [24.89,12.06] }

{ meteor: Kitchener, year: 1998, geolocation: [-80.38333,43.38333], city: Kitchener, state: Ontario, country: Canada geolocation: [-80.5,43.45] }

{ meteor: Kokubunji, year: 1986, geolocation: [133.95,34.3], city: Takamatsu, state: Kagawa, country: Japan geolocation: [134.0448,34.3447] }

{ meteor: Kobe, year: 1999, geolocation: [135.16667,34.73333], city: Kōbe, state: Hyōgo, country: Japan geolocation: [135.17,34.68] }

{ meteor: Košice, year: 2010, geolocation: [21.17633,48.76367], city: Košice, state: Košický, country: Slovakia geolocation: [21.25,48.7304] }

{ meteor: Kulak, year: 1961, geolocation: [66.80222,30.73111], city: Chaman, state: Balochistān, country: Pakistan geolocation: [66.4463,30.925] }

{ meteor: Kunya-Urgench, year: 1998, geolocation: [59.2,42.25], city: Koneurgench, state: , country: Turkmenistan geolocation: [59.1667,42.3167] }

{ meteor: Kutais, year: 1977, geolocation: [39.3,44.51667], city: Apsheronsk, state: Krasnodarskiy Kray, country: Russia geolocation: [39.7287,44.4687] }

{ meteor: La Criolla, year: 1985, geolocation: [-58.16667,-31.23333], city: Concordia, state: Entre Ríos, country: Argentina geolocation: [-58.03,-31.3896] }

{ meteor: Lahrauli, year: 1955, geolocation: [82.71667,26.78333], city: Faizabad, state: Uttar Pradesh, country: India geolocation: [82.17,26.7504] }

{ meteor: Lanxi, year: 1986, geolocation: [126.19611,46.24167], city: Lanxi, state: Heilongjiang, country: China geolocation: [126.276,46.2664] }

{ meteor: Lichtenberg, year: 1973, geolocation: [26.18333,-26.15], city: Mahikeng, state: North West, country: South Africa geolocation: [25.6442,-25.8652] }

{ meteor: Lishui, year: 1978, geolocation: [118.98333,31.63333], city: Maanshan, state: Anhui, country: China geolocation: [118.48,31.7304] }

{ meteor: Lohawat, year: 1994, geolocation: [72.62667,26.96556], city: Jodhpur, state: Rājasthān, country: India geolocation: [73.0168,26.2918] }

{ meteor: Lorton, year: 2010, geolocation: [-77.21163,38.70066], city: Alexandria, state: Virginia, country: United States geolocation: [-77.0861,38.8184] }

{ meteor: Lunan, year: 1980, geolocation: [103.3,24.8], city: Kunming, state: Yunnan, country: China geolocation: [102.68,25.07] }

{ meteor: Lost City, year: 1970, geolocation: [-95.15,36.00833], city: Tahlequah, state: Oklahoma, country: United States geolocation: [-94.9773,35.9116] }

{ meteor: Louisville, year: 1977, geolocation: [-85.75,38.25], city: Shively, state: Kentucky, country: United States geolocation: [-85.8136,38.197] }

{ meteor: Machinga, year: 1981, geolocation: [35.24222,-15.21222], city: Zomba, state: Zomba, country: Malawi geolocation: [35.31,-15.39] }

{ meteor: Madhipura, year: 1950, geolocation: [86.36667,25.91667], city: Rajbiraj, state: , country: Nepal geolocation: [86.7333,26.5333] }

{ meteor: Lusaka, year: 1951, geolocation: [29.43333,-7.21667], city: Moba, state: Tanganyika, country: Congo (Kinshasa) geolocation: [29.72,-7.0596] }

{ meteor: Mahadevpur, year: 2007, geolocation: [95.78333,27.66667], city: Dibrugarh, state: Assam, country: India geolocation: [94.9,27.4833] }

{ meteor: Maigatari-Danduma, year: 2004, geolocation: [9.38333,12.83333], city: Dutse, state: Jigawa, country: Nigeria geolocation: [9.3503,11.7992] }

{ meteor: Magombedze, year: 1990, geolocation: [31.65,-19.48333], city: Masvingo, state: Masvingo, country: Zimbabwe geolocation: [30.82,-20.0596] }

{ meteor: Laochenzhen, year: 1987, geolocation: [115.16667,33.13333], city: Jieshou, state: Anhui, country: China geolocation: [115.35,33.2504] }

{ meteor: Manych, year: 1951, geolocation: [44.63333,45.81667], city: Elista, state: Kalmykiya, country: Russia geolocation: [44.2087,46.3287] }

{ meteor: Maribo, year: 2009, geolocation: [11.46745,54.76183], city: Svendborg, state: Syddanmark, country: Denmark geolocation: [10.6167,55.0704] }

{ meteor: Marilia, year: 1971, geolocation: [-49.93333,-22.25], city: Marília, state: São Paulo, country: Brazil geolocation: [-49.95,-22.21] }

{ meteor: Maromandia, year: 2002, geolocation: [48.1,-14.2], city: Ambanja, state: Antsiranana, country: Madagascar geolocation: [48.45,-13.6829] }

{ meteor: Maryville, year: 1983, geolocation: [-84.1,35.8], city: Farragut, state: Tennessee, country: United States geolocation: [-84.1821,35.8731] }

{ meteor: Mason Gully, year: 2010, geolocation: [0,0], city: Sekondi, state: Western, country: Ghana geolocation: [-1.704,4.9433] }

{ meteor: Leighlinbridge, year: 1999, geolocation: [-6.96667,52.66667], city: Kilkenny, state: Kilkenny, country: Ireland geolocation: [-7.2523,52.6545] }

{ meteor: Mayo Belwa, year: 1974, geolocation: [12.08333,8.96667], city: Yola, state: Adamawa, country: Nigeria geolocation: [12.48,9.21] }

{ meteor: Malakal, year: 1970, geolocation: [31.75,9.5], city: Malakal, state: Upper Nile, country: South Sudan geolocation: [31.656,9.5369] }

{ meteor: Mbale, year: 1992, geolocation: [34.16667,1.06667], city: Mbale, state: Mbale, country: Uganda geolocation: [34.17,1.0904] }

{ meteor: Medanitos, year: 1953, geolocation: [-67.5,-27.25], city: Belen, state: Catamarca, country: Argentina geolocation: [-67.0333,-27.6496] }

{ meteor: Messina, year: 1955, geolocation: [15.56667,38.18333], city: Messina, state: Sicilia, country: Italy geolocation: [15.55,38.2005] }

{ meteor: Mianchi, year: 1980, geolocation: [111.7,34.8], city: Luoyang, state: Henan, country: China geolocation: [112.4701,34.68] }

{ meteor: Mifflin, year: 2010, geolocation: [-90.36556,42.9075], city: Platteville, state: Wisconsin, country: United States geolocation: [-90.4716,42.7334] }

{ meteor: Mihonoseki, year: 1992, geolocation: [133.22,35.56833], city: Matsue, state: Shimane, country: Japan geolocation: [133.0666,35.467] }

{ meteor: Millbillillie, year: 1960, geolocation: [120.36667,-26.45], city: Meekatharra, state: Western Australia, country: Australia geolocation: [118.4833,-26.6] }

{ meteor: Min-Fan-Zhun, year: 1952, geolocation: [120.66667,32.33333], city: Nantong, state: Jiangsu, country: China geolocation: [120.825,32.0304] }

{ meteor: Monze, year: 1950, geolocation: [27.35,-15.96667], city: Mazabuka, state: Southern, country: Zambia geolocation: [27.76,-15.86] }

{ meteor: Monahans (1998), year: 1998, geolocation: [-102.85833,31.60833], city: Monahans, state: Texas, country: United States geolocation: [-103.0414,31.6291] }

{ meteor: Morávka, year: 2000, geolocation: [18.53333,49.6], city: Ostrava, state: Moravskoslezský Kraj , country: Czechia geolocation: [18.25,49.8304] }

{ meteor: Monte das Fortes, year: 1950, geolocation: [-8.25,38.01667], city: Beja, state: Beja, country: Portugal geolocation: [-7.863,38.014] }

{ meteor: Molteno, year: 1953, geolocation: [26.46667,-31.25], city: Aliwal North, state: Eastern Cape, country: South Africa geolocation: [26.71,-30.6896] }

{ meteor: Moss, year: 2006, geolocation: [10.7,59.43333], city: Moss, state: Østfold, country: Norway geolocation: [10.6692,59.437] }

{ meteor: Murchison, year: 1969, geolocation: [145.2,-36.61667], city: Shepparton, state: Victoria, country: Australia geolocation: [145.3914,-36.3746] }

{ meteor: Murray, year: 1950, geolocation: [-88.1,36.6], city: Murray, state: Kentucky, country: United States geolocation: [-88.3204,36.6146] }

{ meteor: Muzaffarpur, year: 1964, geolocation: [85.53333,26.13333], city: Muzaffarpur, state: Bihār, country: India geolocation: [85.3799,26.1204] }

{ meteor: Nadiabondi, year: 1956, geolocation: [1,12], city: Fada Ngourma, state: Est, country: Burkina Faso geolocation: [0.361,12.055] }

{ meteor: Mount Tazerzait, year: 1991, geolocation: [4.8,18.7], city: Arlit, state: Agadez, country: Niger geolocation: [7.33,18.82] }

{ meteor: Nantong, year: 1984, geolocation: [121.8,32.11667], city: Nantong, state: Jiangsu, country: China geolocation: [120.825,32.0304] }

{ meteor: Naragh, year: 1974, geolocation: [51.5,33.75], city: Kashan, state: Eşfahān, country: Iran geolocation: [51.58,33.9804] }

{ meteor: Neagari, year: 1995, geolocation: [136.46528,36.44917], city: Kanazawa, state: Ishikawa, country: Japan geolocation: [136.64,36.56] }

{ meteor: Nejo, year: 1970, geolocation: [35.33333,9.5], city: Gimbi, state: Oromīya, country: Ethiopia geolocation: [35.8333,9.167] }

{ meteor: Neuschwanstein, year: 2002, geolocation: [10.80833,47.525], city: Innsbruck, state: Tirol, country: Austria geolocation: [11.41,47.2804] }

{ meteor: New Halfa, year: 1994, geolocation: [35.68333,15.36667], city: Kassala, state: Kassala, country: Sudan geolocation: [36.39,15.46] }

{ meteor: Nikolskoe, year: 1954, geolocation: [37.33333,56.11667], city: Solnechnogorsk, state: Moskovskaya Oblast', country: Russia geolocation: [36.9809,56.1807] }

{ meteor: New Orleans, year: 2003, geolocation: [-90.10976,29.94718], city: Westwego, state: Louisiana, country: United States geolocation: [-90.1434,29.9058] }

{ meteor: Ningbo, year: 1975, geolocation: [121.48333,29.86667], city: Ningbo, state: Zhejiang, country: China geolocation: [121.55,29.88] }

{ meteor: Ningqiang, year: 1983, geolocation: [105.90667,32.925], city: Guangyuan, state: Sichuan, country: China geolocation: [105.87,32.43] }

{ meteor: Noblesville, year: 1991, geolocation: [-86.055,40.08528], city: Noblesville, state: Indiana, country: United States geolocation: [-86.0056,40.0354] }

{ meteor: Noventa Vicentina, year: 1971, geolocation: [11.52722,45.29167], city: Verona, state: Veneto, country: Italy geolocation: [10.99,45.4404] }

{ meteor: Nuevo Mercurio, year: 1978, geolocation: [-102.13333,24.3], city: Parras, state: Coahuila de Zaragoza, country: Mexico geolocation: [-102.1799,25.4204] }

{ meteor: Ohuma, year: 1963, geolocation: [8.5,6.75], city: Abakaliki, state: Ebonyi, country: Nigeria geolocation: [8.1137,6.3249] }

{ meteor: Okabe, year: 1958, geolocation: [139.21667,36.18333], city: Maebashi, state: Gunma, country: Japan geolocation: [139.0727,36.3927] }

{ meteor: Orlando, year: 2004, geolocation: [-81.36222,28.5475], city: Winter Park, state: Florida, country: United States geolocation: [-81.3436,28.5986] }

{ meteor: Ouadangou, year: 2003, geolocation: [0.08,12.9], city: Bogandé, state: Est, country: Burkina Faso geolocation: [-0.138,12.969] }

{ meteor: Oued el Hadjar, year: 1986, geolocation: [-6.57717,30.18], city: Marrakesh, state: Marrakech-Safi, country: Morocco geolocation: [-8,31.63] }

{ meteor: Omolon, year: 1981, geolocation: [161.80833,64.02], city: Omolon, state: Chukotskiy Avtonomnyy Okrug, country: Russia geolocation: [160.5,65.25] }

{ meteor: Ourique, year: 1998, geolocation: [-8.28,37.60833], city: Portimão, state: Faro, country: Portugal geolocation: [-8.5333,37.1337] }

{ meteor: Oum Dreyga, year: 2003, geolocation: [-13.1,24.3], city: Fderik, state: Tiris Zemmour, country: Mauritania geolocation: [-12.707,22.679] }

{ meteor: Palca de Aparzo, year: 1988, geolocation: [-65.1,-23.11667], city: Humahuaca, state: Jujuy, country: Argentina geolocation: [-65.3499,-23.2] }

{ meteor: Paranaíba, year: 1956, geolocation: [-51.66667,-19.13333], city: Paranaíba, state: Mato Grosso do Sul, country: Brazil geolocation: [-51.2,-19.6796] }

{ meteor: Park Forest, year: 2003, geolocation: [-87.67917,41.48472], city: Park Forest, state: Illinois, country: United States geolocation: [-87.6867,41.4817] }

{ meteor: Patora, year: 1969, geolocation: [82.05,20.93694], city: Raipur, state: Chhattīsgarh, country: India geolocation: [81.635,21.235] }

{ meteor: Patrimônio, year: 1950, geolocation: [-48.56667,-19.53333], city: Frutal, state: Minas Gerais, country: Brazil geolocation: [-48.94,-20.03] }

{ meteor: Parambu, year: 1967, geolocation: [-40.7,-6.23333], city: Tauá, state: Ceará, country: Brazil geolocation: [-40.31,-5.9995] }

{ meteor: Pavel, year: 1966, geolocation: [25.51667,43.46667], city: Turnovo, state: Veliko Tarnovo, country: Bulgaria geolocation: [25.6555,43.0862] }

{ meteor: Pê, year: 1989, geolocation: [-3.54217,11.33367], city: Diébougou, state: Sud-Ouest, country: Burkina Faso geolocation: [-3.248,10.952] }

{ meteor: Peace River, year: 1963, geolocation: [-117.93333,56.13333], city: Peace River, state: Alberta, country: Canada geolocation: [-117.2833,56.2333] }

{ meteor: Peckelsheim, year: 1953, geolocation: [9.25,51.66667], city: Kassel, state: Hesse, country: Germany geolocation: [9.5,51.3] }

{ meteor: Peekskill, year: 1992, geolocation: [-73.91667,41.28333], city: Peekskill, state: New York, country: United States geolocation: [-73.9227,41.2883] }

{ meteor: Pétèlkolé, year: 1995, geolocation: [0.42,14.052], city: Dori, state: Sahel, country: Burkina Faso geolocation: [-0.028,14.034] }

{ meteor: Pleșcoi, year: 2008, geolocation: [26.70972,45.275], city: Buzău, state: Buzău, country: Romania geolocation: [26.8065,45.1565] }

{ meteor: Piancaldoli, year: 1968, geolocation: [11.50222,44.24417], city: Bologna, state: Emilia-Romagna, country: Italy geolocation: [11.34,44.5004] }

{ meteor: Portales Valley, year: 1998, geolocation: [-103.295,34.175], city: Portales, state: New Mexico, country: United States geolocation: [-103.3543,34.1765] }

{ meteor: Piplia Kalan, year: 1996, geolocation: [73.94167,26.03472], city: Pali, state: Rājasthān, country: India geolocation: [73.3299,25.7904] }

{ meteor: Puerto Lápice, year: 2007, geolocation: [-3.51667,39.35], city: Toledo, state: Castille-La Mancha, country: Spain geolocation: [-4.0167,39.867] }

{ meteor: Quija, year: 1990, geolocation: [126.13333,44.61667], city: Jiutai, state: Jilin, country: China geolocation: [125.8443,44.1447] }

{ meteor: Raco, year: 1957, geolocation: [-65.45,-26.66667], city: Tucumán, state: Tucumán, country: Argentina geolocation: [-65.2166,-26.816] }

{ meteor: Qingzhen, year: 1976, geolocation: [106.46667,26.53333], city: Guiyang, state: Guizhou, country: China geolocation: [106.72,26.58] }

{ meteor: Raghunathpura, year: 1986, geolocation: [76.465,27.72528], city: Alwar, state: Rājasthān, country: India geolocation: [76.6049,27.5454] }

{ meteor: Rahimyar Khan, year: 1983, geolocation: [70.2,28.225], city: Sadiqabad, state: Punjab, country: Pakistan geolocation: [70.1302,28.3006] }

{ meteor: Ramsdorf, year: 1958, geolocation: [6.93333,51.88333], city: Münster, state: North Rhine-Westphalia, country: Germany geolocation: [7.62,51.9704] }

{ meteor: Ras Tanura, year: 1961, geolocation: [50.15,26.66667], city: Al-Qatif, state: Ash Sharqīyah, country: Saudi Arabia geolocation: [50.0115,26.5196] }

{ meteor: Qidong, year: 1982, geolocation: [121.5,32.08333], city: Nantong, state: Jiangsu, country: China geolocation: [120.825,32.0304] }

{ meteor: Red Canyon Lake, year: 2007, geolocation: [-119.75812,38.13742], city: Sonora, state: California, country: United States geolocation: [-120.3828,37.9819] }

{ meteor: Příbram, year: 1959, geolocation: [14.03333,49.66667], city: Pízen, state: Plzeňský Kraj, country: Czechia geolocation: [13.36,49.7404] }

{ meteor: Revelstoke, year: 1965, geolocation: [-118.95,51.33333], city: Revelstoke, state: British Columbia, country: Canada geolocation: [-118.1833,51.0005] }

{ meteor: Richland Springs, year: 1980, geolocation: [-99.03333,31.25], city: Brady, state: Texas, country: United States geolocation: [-99.3711,31.1324] }

{ meteor: Ruhobobo, year: 1976, geolocation: [29.83333,-1.45], city: Kisoro, state: Kisoro, country: Uganda geolocation: [29.6983,-1.3539] }

{ meteor: Sabrum, year: 1999, geolocation: [91.66667,23.08333], city: Comilla, state: Chittagong, country: Bangladesh geolocation: [91.17,23.4704] }

{ meteor: Saint-Séverin, year: 1966, geolocation: [0.23333,45.3], city: Bordeaux, state: Nouvelle-Aquitaine, country: France geolocation: [-0.595,44.85] }

{ meteor: Salem, year: 1981, geolocation: [-122.96944,44.97917], city: Keizer, state: Oregon, country: United States geolocation: [-123.0242,45.0028] }

{ meteor: Salzwedel, year: 1985, geolocation: [11.05,52.75], city: Braunschweig, state: Lower Saxony, country: Germany geolocation: [10.5,52.25] }

{ meteor: San Pedro de Quiles, year: 1956, geolocation: [-71.4,-31.01667], city: Combarbalá, state: Coquimbo, country: Chile geolocation: [-71,-31.18] }

{ meteor: San Pedro Jacuaro, year: 1968, geolocation: [-100.65,19.76667], city: Ciudad Hidalgo, state: Michoacán de Ocampo, country: Mexico geolocation: [-100.57,19.68] }

{ meteor: Santa Lucia (2008), year: 2008, geolocation: [-68.489444,-31.535556], city: San Juan, state: San Juan, country: Argentina geolocation: [-68.52,-31.55] }

{ meteor: São Jose do Rio Preto, year: 1962, geolocation: [-49.38056,-20.81], city: São José do Rio Preto, state: São Paulo, country: Brazil geolocation: [-49.39,-20.7996] }

{ meteor: San Michele, year: 2002, geolocation: [13,43.66667], city: Ancona, state: Marche, country: Italy geolocation: [13.4999,43.6004] }

{ meteor: Sayama, year: 1986, geolocation: [139.4,35.86667], city: Kawagoe, state: Saitama, country: Japan geolocation: [139.4911,35.9177] }

{ meteor: Schenectady, year: 1968, geolocation: [-73.95028,42.86083], city: Scotia, state: New York, country: United States geolocation: [-73.9607,42.8322] }

{ meteor: San Juan Capistrano, year: 1973, geolocation: [-117.6625,33.48472], city: San Juan Capistrano, state: California, country: United States geolocation: [-117.6544,33.5009] }

{ meteor: Seoni, year: 1966, geolocation: [79.50083,21.68389], city: Nagpur, state: Mahārāshtra, country: India geolocation: [79.09,21.17] }

{ meteor: Senboku, year: 1993, geolocation: [140.51167,39.43833], city: Akita, state: Akita, country: Japan geolocation: [140.09,39.71] }

{ meteor: Sfax, year: 1989, geolocation: [10.71667,34.75], city: Sfax, state: Sfax, country: Tunisia geolocation: [10.72,34.75] }

{ meteor: Sheyang, year: 1976, geolocation: [120.06667,33.65], city: Yancheng, state: Jiangsu, country: China geolocation: [120.1253,33.3856] }

{ meteor: Shuangyang, year: 1971, geolocation: [125.66667,43.5], city: Changchun, state: Jilin, country: China geolocation: [125.34,43.865] }

{ meteor: Silao, year: 1995, geolocation: [-101.38333,20.93333], city: Guanajuato, state: Guanajuato, country: Mexico geolocation: [-101.28,21.0204] }

{ meteor: Sinnai, year: 1956, geolocation: [9.2,39.3], city: Cagliari, state: Sardegna, country: Italy geolocation: [9.104,39.2224] }

{ meteor: Sivas, year: 1989, geolocation: [36.13583,39.82467], city: Tokat, state: Tokat, country: Turkey geolocation: [36.563,40.306] }

{ meteor: Sixiangkou, year: 1989, geolocation: [119.86667,32.43333], city: Taizhou, state: Jiangsu, country: China geolocation: [119.9,32.4904] }

{ meteor: Soheria, year: 1960, geolocation: [84.06667,27.13333], city: Gorakhpur, state: Uttar Pradesh, country: India geolocation: [83.38,26.7504] }

{ meteor: Softmany, year: 2011, geolocation: [22.005,54.00883], city: Elk, state: Warmińsko-Mazurskie, country: Poland geolocation: [22.35,53.8337] }

{ meteor: Songyuan, year: 1993, geolocation: [125,45.25], city: Fuyu, state: Jilin, country: China geolocation: [124.82,45.1804] }

{ meteor: St. Louis, year: 1950, geolocation: [-90.23333,38.7], city: Jennings, state: Missouri, country: United States geolocation: [-90.2643,38.723] }

{ meteor: St.-Chinian, year: 1959, geolocation: [2.95,43.43333], city: Béziers, state: Occitanie, country: France geolocation: [3.21,43.3505] }

{ meteor: Stratford, year: 1974, geolocation: [-73.13333,41.2], city: Bridgeport, state: Connecticut, country: United States geolocation: [-73.1958,41.1909] }

{ meteor: Ste. Marguerite, year: 1962, geolocation: [3,50.76667], city: Lille, state: Hauts-de-France, country: France geolocation: [3.08,50.65] }

{ meteor: St-Robert, year: 1994, geolocation: [-72.97806,45.96861], city: Joliette, state: Québec, country: Canada geolocation: [-73.4333,46.0333] }

{ meteor: Suchy Dul, year: 1969, geolocation: [16.26333,50.53806], city: Hradec Králové, state: Královéhradecký Kraj, country: Czechia geolocation: [15.812,50.206] }

{ meteor: Suizhou, year: 1986, geolocation: [113.46667,31.61667], city: Anlu, state: Hubei, country: China geolocation: [113.67,31.27] }

{ meteor: Sulagiri, year: 2008, geolocation: [78.03333,12.66667], city: Kolar, state: Karnāṭaka, country: India geolocation: [78.1334,13.1337] }

{ meteor: Sutter's Mill, year: 2012, geolocation: [-120.90806,38.80389], city: Placerville, state: California, country: United States geolocation: [-120.7979,38.7309] }

{ meteor: Sylacauga, year: 1954, geolocation: [-86.2945,33.18836], city: Sylacauga, state: Alabama, country: United States geolocation: [-86.2606,33.1779] }

{ meteor: Tagish Lake, year: 2000, geolocation: [-134.20139,59.70444], city: Whitehorse, state: Yukon, country: Canada geolocation: [-135.05,60.7167] }

{ meteor: Tahara, year: 1991, geolocation: [137.305,34.72], city: Hamamatsu, state: Shizuoka, country: Japan geolocation: [137.7327,34.7181] }

{ meteor: Sterlitamak, year: 1990, geolocation: [55.98333,53.66667], city: Sterlitamak, state: Bashkortostan, country: Russia geolocation: [55.96,53.63] }

{ meteor: Tamdakht, year: 2008, geolocation: [-7.015,31.16333], city: Marrakesh, state: Marrakech-Safi, country: Morocco geolocation: [-8,31.63] }

{ meteor: Tambakwatu, year: 1975, geolocation: [112.76667,-7.75], city: Pasuruan, state: Jawa Timur, country: Indonesia geolocation: [112.9,-7.6296] }

{ meteor: Taonan, year: 1965, geolocation: [122.9,45.4], city: Taonan, state: Jilin, country: China geolocation: [122.78,45.3304] }

{ meteor: Thal, year: 1950, geolocation: [70.6,33.4], city: Bannu, state: Khyber Pakhtunkhwa, country: Pakistan geolocation: [70.5986,32.989] }

{ meteor: Thika, year: 2011, geolocation: [37.15028,-1.00278], city: Thika, state: Kiambu, country: Kenya
geolocation: [37.09,-1.0396] }

{ meteor: Tathlith, year: 1967, geolocation: [43.73333,19.38333], city: Qal at Bishah, state: , country:
Saudi Arabia geolocation: [42.5987,20.0087] }

{ meteor: Thuathe, year: 2002, geolocation: [27.58333,-29.33333], city: Maseru, state: Maseru, country:
Lesotho geolocation: [27.4833,-29.3167] }

{ meteor: Tianzhang, year: 1986, geolocation: [118.99,32.94667], city: Huaiyin, state: Jiangsu, country:
China geolocation: [119.03,33.58] }

{ meteor: Tillaberi, year: 1970, geolocation: [1.53333,14.25], city: Tillabéri, state: Tillabéri, country: Niger
geolocation: [1.4531,14.212] }

{ meteor: Tissint, year: 2011, geolocation: [-7.61123,29.48195], city: Tiznit, state: Souss-Massa, country:
Morocco geolocation: [-9.74,29.7104] }