Mongodb Assignment 3!

C:\Users\Ksheera R>mongoimport --db restaurants --collection addresses --file "C:\Users\Ksheera R\OneDrive\Desktop\work\restaurants.json"

2021-10-25T14:14:34.110+0530 connected to: mongodb://localhost/

2021-10-25T14:14:34.383+0530 3772 document(s) imported successfully. 0 document(s) failed to import.

**Run mongo shell command, show databases, use restaurants, db.addresses.find() should print entire json data**

> show dbs

admin 0.000GB

config 0.000GB

local 0.000GB

mongo\_practice 0.000GB

population 0.004GB

populationnew 0.002GB

restaurants 0.001GB

test 0.000GB

> use restaurants

switched to db restaurants

> show collections

addresses

> db.addresses.find().pretty()

{

"\_id" : ObjectId("61766e728e75bbdce8dbfb4a"),

"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("61766e728e75bbdce8dbfb4b"),

"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("61766e728e75bbdce8dbfb4c"),

"address" : {

"building" : "7114",

"coord" : [

-73.9068506,

40.6199034

],

"street" : "Avenue U",

"zipcode" : "11234"

},

"borough" : "Brooklyn",

"cuisine" : "Delicatessen",

"grades" : [

{

"date" : ISODate("2014-05-29T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

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

"grade" : "A",

"score" : 10

},

{

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

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2012-07-18T00:00:00Z"),

"grade" : "A",

"score" : 10

},

{

"date" : ISODate("2012-03-09T00:00:00Z"),

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2011-10-14T00:00:00Z"),

"grade" : "A",

"score" : 9

}

],

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

"restaurant\_id" : "40356483"

}

{

"\_id" : ObjectId("61766e728e75bbdce8dbfb4d"),

"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("61766e728e75bbdce8dbfb4e"),

"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("61766e728e75bbdce8dbfb4f"),

"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("61766e728e75bbdce8dbfb50"),

"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("61766e728e75bbdce8dbfb51"),

"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("61766e728e75bbdce8dbfb52"),

"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("61766e728e75bbdce8dbfb53"),

"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("61766e728e75bbdce8dbfb54"),

"address" : {

"building" : "1",

"coord" : [

-73.96926909999999,

40.7685235

],

"street" : "East 66 Street",

"zipcode" : "10065"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-05-07T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2013-05-03T00:00:00Z"),

"grade" : "A",

"score" : 4

},

{

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

"grade" : "A",

"score" : 6

},

{

"date" : ISODate("2011-12-27T00:00:00Z"),

"grade" : "A",

"score" : 0

}

],

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

"restaurant\_id" : "40359480"

}

{

"\_id" : ObjectId("61766e728e75bbdce8dbfb55"),

"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("61766e728e75bbdce8dbfb56"),

"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("61766e728e75bbdce8dbfb57"),

"address" : {

"building" : "705",

"coord" : [

-73.9653967,

40.6064339

],

"street" : "Kings Highway",

"zipcode" : "11223"

},

"borough" : "Brooklyn",

"cuisine" : "Jewish/Kosher",

"grades" : [

{

"date" : ISODate("2014-11-10T00:00:00Z"),

"grade" : "A",

"score" : 11

},

{

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

"grade" : "A",

"score" : 13

},

{

"date" : ISODate("2012-10-04T00:00:00Z"),

"grade" : "A",

"score" : 7

},

{

"date" : ISODate("2012-05-21T00:00:00Z"),

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2011-12-30T00:00:00Z"),

"grade" : "B",

"score" : 19

}

],

"name" : "Seuda Foods",

"restaurant\_id" : "40360045"

}

{

"\_id" : ObjectId("61766e728e75bbdce8dbfb58"),

"address" : {

"building" : "2780",

"coord" : [

-73.98241999999999,

40.579505

],

"street" : "Stillwell Avenue",

"zipcode" : "11224"

},

"borough" : "Brooklyn",

"cuisine" : "American ",

"grades" : [

{

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

"grade" : "A",

"score" : 5

},

{

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

"grade" : "A",

"score" : 7

},

{

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

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2011-10-12T00:00:00Z"),

"grade" : "A",

"score" : 12

}

],

"name" : "Riviera Caterer",

"restaurant\_id" : "40356018"

}

{

"\_id" : ObjectId("61766e728e75bbdce8dbfb59"),

"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("61766e728e75bbdce8dbfb5a"),

"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("61766e728e75bbdce8dbfb5b"),

"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("61766e728e75bbdce8dbfb5c"),

"address" : {

"building" : "3406",

"coord" : [

-73.94024739999999,

40.7623288

],

"street" : "10 Street",

"zipcode" : "11106"

},

"borough" : "Queens",

"cuisine" : "Delicatessen",

"grades" : [

{

"date" : ISODate("2014-03-19T00:00:00Z"),

"grade" : "A",

"score" : 3

},

{

"date" : ISODate("2013-03-13T00:00:00Z"),

"grade" : "A",

"score" : 12

},

{

"date" : ISODate("2012-03-27T00:00:00Z"),

"grade" : "A",

"score" : 8

},

{

"date" : ISODate("2011-04-05T00:00:00Z"),

"grade" : "A",

"score" : 7

}

],

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

"restaurant\_id" : "40361998"

}

{

"\_id" : ObjectId("61766e728e75bbdce8dbfb5d"),

"address" : {

"building" : "730",

"coord" : [

-73.96805719999999,

40.7925587

],

"street" : "Columbus Avenue",

"zipcode" : "10025"

},

"borough" : "Manhattan",

"cuisine" : "American ",

"grades" : [

{

"date" : ISODate("2014-09-12T00:00:00Z"),

"grade" : "B",

"score" : 26

},

{

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

"grade" : "A",

"score" : 9

},

{

"date" : ISODate("2013-03-25T00:00:00Z"),

"grade" : "B",

"score" : 20

},

{

"date" : ISODate("2012-02-14T00:00:00Z"),

"grade" : "A",

"score" : 12

}

],

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

"restaurant\_id" : "40362264"

}

Type "it" for more

**Write a MongoDB query to display all the documents in the collection restaurants**

db.addresses.find().pretty()

**Write a MongoDB query to display the fields restaurant\_id, name, borough and cuisine for all the documents in the collection restaurant.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4a"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4b"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant\_id" : "30112340" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4c"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4d"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant\_id" : "30191841" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4e"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4f"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb50"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant\_id" : "40356068" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb51"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb52"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb53"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb54"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb55"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb56"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb57"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb58"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb59"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5a"), "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard", "restaurant\_id" : "40356151" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5b"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food", "restaurant\_id" : "40361521" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5c"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5d"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "P & S Deli Grocery", "restaurant\_id" : "40362264" }

Type "it" for more

**Write a MongoDB query to display the fields restaurant\_id, name, borough and cuisine, but exclude the field \_id for all the documents in the collection restaurant.**

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

{ "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

{ "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant\_id" : "30112340" }

{ "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant\_id" : "30191841" }

{ "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant\_id" : "40356068" }

{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

{ "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

{ "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

{ "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard", "restaurant\_id" : "40356151" }

{ "borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food", "restaurant\_id" : "40361521" }

{ "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "borough" : "Manhattan", "cuisine" : "American ", "name" : "P & S Deli Grocery", "restaurant\_id" : "40362264" }

Type "it" for more

**Write a MongoDB query to display the fields restaurant\_id, name, borough and zip code, but exclude the field \_id for all the documents in the collection restaurant.**

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

{ "address" : { "zipcode" : "10462" }, "borough" : "Bronx", "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

{ "address" : { "zipcode" : "11225" }, "borough" : "Brooklyn", "name" : "Wendy'S", "restaurant\_id" : "30112340" }

{ "address" : { "zipcode" : "11234" }, "borough" : "Brooklyn", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "address" : { "zipcode" : "10019" }, "borough" : "Manhattan", "name" : "Dj Reynolds Pub And Restaurant", "restaurant\_id" : "30191841" }

{ "address" : { "zipcode" : "11226" }, "borough" : "Brooklyn", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "address" : { "zipcode" : "10460" }, "borough" : "Bronx", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "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" : "11214" }, "borough" : "Brooklyn", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "address" : { "zipcode" : "11208" }, "borough" : "Brooklyn", "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

{ "address" : { "zipcode" : "10065" }, "borough" : "Manhattan", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "address" : { "zipcode" : "11004" }, "borough" : "Queens", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

{ "address" : { "zipcode" : "11218" }, "borough" : "Brooklyn", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "address" : { "zipcode" : "11223" }, "borough" : "Brooklyn", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "address" : { "zipcode" : "11224" }, "borough" : "Brooklyn", "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

{ "address" : { "zipcode" : "11209" }, "borough" : "Brooklyn", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "address" : { "zipcode" : "11369" }, "borough" : "Queens", "name" : "Brunos On The Boulevard", "restaurant\_id" : "40356151" }

{ "address" : { "zipcode" : "10021" }, "borough" : "Manhattan", "name" : "Glorious Food", "restaurant\_id" : "40361521" }

{ "address" : { "zipcode" : "11106" }, "borough" : "Queens", "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "address" : { "zipcode" : "10025" }, "borough" : "Manhattan", "name" : "P & S Deli Grocery", "restaurant\_id" : "40362264" }

Type "it" for more

**Write a MongoDB query to display all the restaurants which is in the borough Bronx**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4a"), "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("61766e728e75bbdce8dbfb4f"), "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("61766e728e75bbdce8dbfb69"), "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("61766e728e75bbdce8dbfb6c"), "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" } Type “it” for more

**Write a MongoDB query to display the first 5 restaurant which is in the borough Bronx**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4a"), "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("61766e728e75bbdce8dbfb4f"), "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("61766e728e75bbdce8dbfb69"), "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("61766e728e75bbdce8dbfb6c"), "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("61766e728e75bbdce8dbfb7b"), "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" }

**Write a MongoDB query to display the next 5 restaurants after skipping first 5 which are in the borough Bronx.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb83"), "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("61766e728e75bbdce8dbfb9e"), "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("61766e728e75bbdce8dbfbc0"), "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("61766e728e75bbdce8dbfbc4"), "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("61766e728e75bbdce8dbfbdf"), "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" }

**Write a MongoDB query to find the restaurants who achieved a score more than 90.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfcaa"), "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("61766e728e75bbdce8dbfd4a"), "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("61766e728e75bbdce8dbfeac"), "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" }

**Write a MongoDB query to find the restaurants that achieved a score, more than 80 but less than 100**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfcaa"), "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("61766e728e75bbdce8dbfd4a"), "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("61766e728e75bbdce8dbfeac"), "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" }

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfd4a"), "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("61766e728e75bbdce8dbfeac"), "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("61766e728e75bbdce8dc0717"), "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" }

**Write a MongoDB query to find the restaurants which locate in latitude value less than -95.754168**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dc0192"), "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("61766e728e75bbdce8dc04f8"), "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("61766e728e75bbdce8dc09a9"), "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" }

**Write a MongoDB query to find the restaurants that do not prepare any cuisine of 'American' and their grade score more than 70 and latitude less than -65.754168.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfcaa"), "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("61766e728e75bbdce8dbfd4a"), "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("61766e728e75bbdce8dbfdd4"), "address" : { "building" : "14", "coord" : [ -73.9883909, 40.740735 ], "street" : "East 23 Street", "zipcode" : "10010" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-10-28T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-04-10T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-08-08T00:00:00Z"), "grade" : "C", "score" : 58 }, { "date" : ISODate("2013-02-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-06-15T00:00:00Z"), "grade" : "C", "score" : 71 } ], "name" : "Live Bait Bar & Restaurant", "restaurant\_id" : "40387237" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfeac"), "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("61766e728e75bbdce8dbfeb7"), "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("61766e728e75bbdce8dc0003"), "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("61766e728e75bbdce8dc05b3"), "address" : { "building" : "243", "coord" : [ -73.9889479, 40.7568894 ], "street" : "West 42 Street", "zipcode" : "10036" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-10-31T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-16T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-11-19T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-03-25T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-09-05T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2012-04-10T00:00:00Z"), "grade" : "C", "score" : 49 }, { "date" : ISODate("2011-11-21T00:00:00Z"), "grade" : "C", "score" : 80 } ], "name" : "B.B. Kings", "restaurant\_id" : "40704853" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0630"), "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" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0717"), "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" }

**Write a MongoDB query to 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.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfcaa"), "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("61766e728e75bbdce8dbfd4a"), "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("61766e728e75bbdce8dbfdd4"), "address" : { "building" : "14", "coord" : [ -73.9883909, 40.740735 ], "street" : "East 23 Street", "zipcode" : "10010" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-10-28T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-04-10T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-08-08T00:00:00Z"), "grade" : "C", "score" : 58 }, { "date" : ISODate("2013-02-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-06-15T00:00:00Z"), "grade" : "C", "score" : 71 } ], "name" : "Live Bait Bar & Restaurant", "restaurant\_id" : "40387237" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfeac"), "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("61766e728e75bbdce8dbfeb7"), "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("61766e728e75bbdce8dc0003"), "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("61766e728e75bbdce8dc05b3"), "address" : { "building" : "243", "coord" : [ -73.9889479, 40.7568894 ], "street" : "West 42 Street", "zipcode" : "10036" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-10-31T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-16T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-11-19T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-03-25T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-09-05T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2012-04-10T00:00:00Z"), "grade" : "C", "score" : 49 }, { "date" : ISODate("2011-11-21T00:00:00Z"), "grade" : "C", "score" : 80 } ], "name" : "B.B. Kings", "restaurant\_id" : "40704853" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0630"), "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" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0717"), "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" }

**Write a MongoDB query to find the restaurants which do not prepare any cuisine of 'American ' and achieved a grade point 'A' not belongs to the borough Brooklyn. The document must be displayed according to the cuisine in descending order**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dc0255"), "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("61766e728e75bbdce8dc030c"), "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("61766e728e75bbdce8dc06f9"), "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("61766e728e75bbdce8dbfdf7"), "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("61766e728e75bbdce8dbffb0"), "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("61766e728e75bbdce8dc0113"), "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("61766e728e75bbdce8dc01b5"), "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("61766e728e75bbdce8dc0458"), "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("61766e728e75bbdce8dc047b"), "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("61766e728e75bbdce8dc0905"), "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("61766e728e75bbdce8dbfb64"), "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("61766e728e75bbdce8dbffbd"), "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("61766e728e75bbdce8dc0250"), "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("61766e728e75bbdce8dc0254"), "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("61766e728e75bbdce8dc03eb"), "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("61766e728e75bbdce8dc04f7"), "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("61766e728e75bbdce8dc06f3"), "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("61766e728e75bbdce8dc080f"), "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("61766e728e75bbdce8dbfcc6"), "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("61766e728e75bbdce8dbfe8e"), "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

**Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which contain 'Wil' as first three letters for its name.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4c"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4f"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0959"), "borough" : "Bronx", "cuisine" : "Pizza", "name" : "Wilbel Pizza", "restaurant\_id" : "40871979" }

**Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which contain 'ces' as last three letters for its name.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbffdb"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Pieces", "restaurant\_id" : "40399910" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc009c"), "borough" : "Queens", "cuisine" : "American ", "name" : "S.M.R Restaurant Services", "restaurant\_id" : "40403857" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc00a1"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Good Shepherd Services", "restaurant\_id" : "40403989" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0552"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "The Ice Box-Ralph'S Famous Italian Ices", "restaurant\_id" : "40690899" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc075f"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Alices", "restaurant\_id" : "40782042" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0970"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Re: Sources", "restaurant\_id" : "40876068" }

**Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which contain 'Reg' as three letters somewhere in its name.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb51"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc54"), "borough" : "Manhattan", "cuisine" : "Café/Coffee/Tea", "name" : "Caffe Reggio", "restaurant\_id" : "40369418" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfd5a"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Regency Hotel", "restaurant\_id" : "40382679" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc007b"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Regency Whist Club", "restaurant\_id" : "40402377" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc015e"), "borough" : "Queens", "cuisine" : "American ", "name" : "Rego Park Cafe", "restaurant\_id" : "40523342" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc07c6"), "borough" : "Queens", "cuisine" : "Pizza", "name" : "Regina Pizza", "restaurant\_id" : "40801325" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09e2"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Regal Entertainment Group", "restaurant\_id" : "40891782" }

**Write a MongoDB query to find the restaurants which belong to the borough Bronx and prepared either American or Chinese dish.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb6c"), "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("61766e728e75bbdce8dbfb7b"), "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("61766e728e75bbdce8dc00f3"), "address" : { "building" : "2459", "coord" : [ -73.8929629, 40.8601605 ], "street" : "Webster Avenue", "zipcode" : "10458" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-23T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-01-07T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-12-28T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "China Wok Ii", "restaurant\_id" : "40510328" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0183"), "address" : { "building" : "2102", "coord" : [ -73.82609699999999, 40.8687177 ], "street" : "Bartow Ave", "zipcode" : "10475" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-08-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-02-21T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-05-30T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Dragon City", "restaurant\_id" : "40529203" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc022e"), "address" : { "building" : "3511", "coord" : [ -73.9100876, 40.8860444 ], "street" : "Johnson Avenue", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-07-02T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-11-06T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-03-29T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2012-06-20T00:00:00Z"), "grade" : "B", "score" : 27 } ], "name" : "Hunan Balcony", "restaurant\_id" : "40551996" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0232"), "address" : { "building" : "732", "coord" : [ -73.883128, 40.85353 ], "street" : "East 187 Street", "zipcode" : "10458" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-11-07T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-15T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-11-18T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-06-10T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-09-17T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Great Wall Restaurant", "restaurant\_id" : "40552226" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc02c2"), "address" : { "building" : "202", "coord" : [ -73.9164504, 40.8341845 ], "street" : "East 167 Street", "zipcode" : "10456" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-10T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-12-12T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-01T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-03-13T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Lucky House Restaurant", "restaurant\_id" : "40571587" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc02d0"), "address" : { "building" : "1474", "coord" : [ -73.88122729999999, 40.8281391 ], "street" : "Westchester Avenue", "zipcode" : "10472" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-13T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-01-08T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "New Wah Kitchen", "restaurant\_id" : "40573101" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc058f"), "address" : { "building" : "1702", "coord" : [ -73.9137269, 40.8482958 ], "street" : "Grand Avenue", "zipcode" : "10453" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-04-16T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-04-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-03-14T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2011-09-22T00:00:00Z"), "grade" : "B", "score" : 17 } ], "name" : "New Hing Restaurant", "restaurant\_id" : "40701165" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc074c"), "address" : { "building" : "1811", "coord" : [ -73.8518311, 40.8504655 ], "street" : "Williamsbridge Road", "zipcode" : "10461" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-03-26T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-05T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-09-12T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-04-17T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-11-03T00:00:00Z"), "grade" : "A", "score" : 4 } ], "name" : "Hong Kong Restaurant", "restaurant\_id" : "40765358" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc07db"), "address" : { "building" : "796", "coord" : [ -73.91637759999999, 40.8226814 ], "street" : "Courtlandt Avenue", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-08-15T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-08-27T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-03-06T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-08-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-03-21T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2011-10-24T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Kristy'S Restaurant", "restaurant\_id" : "40804049" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0851"), "address" : { "building" : "1634", "coord" : [ -73.8306577, 40.8450232 ], "street" : "Crosby Avenue", "zipcode" : "10461" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-08-08T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-23T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-25T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2011-10-03T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "East Dynasty", "restaurant\_id" : "40827529" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0895"), "address" : { "building" : "2461", "coord" : [ -73.9041182, 40.8644648 ], "street" : "University Avenue", "zipcode" : "10468" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-04-10T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-03-27T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-10-25T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-11T00:00:00Z"), "grade" : "P", "score" : 2 }, { "date" : ISODate("2011-11-01T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-04-20T00:00:00Z"), "grade" : "B", "score" : 17 } ], "name" : "Lin Home Chinese Restaura", "restaurant\_id" : "40842437" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc08b4"), "address" : { "building" : "70", "coord" : [ -73.9066601, 40.8592187 ], "street" : "West 183 Street", "zipcode" : "10453" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-01T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2014-07-02T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2014-01-23T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-07-24T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-01-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-07-19T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2011-12-21T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Peacock Restaurant", "restaurant\_id" : "40849313" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc08e7"), "address" : { "building" : "317", "coord" : [ -73.909629, 40.837446 ], "street" : "East 170 Street", "zipcode" : "10456" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-03T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-04-26T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-11-19T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-05-06T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-09-11T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-17T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Lin'S Garden", "restaurant\_id" : "40857406" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09fe"), "address" : { "building" : "3906", "coord" : [ -73.8612466, 40.8858379 ], "street" : "White Plains Road", "zipcode" : "10466" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-05-12T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-10-07T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-10-05T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-06-30T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "New Rainbow Restaurant", "restaurant\_id" : "40899178" }

**Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which belong to the borough Staten Island or Queens or Bronxor Brooklyn**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb6c"), "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("61766e728e75bbdce8dbfb7b"), "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("61766e728e75bbdce8dc00f3"), "address" : { "building" : "2459", "coord" : [ -73.8929629, 40.8601605 ], "street" : "Webster Avenue", "zipcode" : "10458" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-23T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-01-07T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-12-28T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "China Wok Ii", "restaurant\_id" : "40510328" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0183"), "address" : { "building" : "2102", "coord" : [ -73.82609699999999, 40.8687177 ], "street" : "Bartow Ave", "zipcode" : "10475" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-08-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-02-21T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-05-30T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Dragon City", "restaurant\_id" : "40529203" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc022e"), "address" : { "building" : "3511", "coord" : [ -73.9100876, 40.8860444 ], "street" : "Johnson Avenue", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-07-02T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-11-06T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-03-29T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2012-06-20T00:00:00Z"), "grade" : "B", "score" : 27 } ], "name" : "Hunan Balcony", "restaurant\_id" : "40551996" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0232"), "address" : { "building" : "732", "coord" : [ -73.883128, 40.85353 ], "street" : "East 187 Street", "zipcode" : "10458" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-11-07T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-15T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-11-18T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-06-10T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-09-17T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Great Wall Restaurant", "restaurant\_id" : "40552226" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc02c2"), "address" : { "building" : "202", "coord" : [ -73.9164504, 40.8341845 ], "street" : "East 167 Street", "zipcode" : "10456" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-10T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-12-12T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-01T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-03-13T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Lucky House Restaurant", "restaurant\_id" : "40571587" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc02d0"), "address" : { "building" : "1474", "coord" : [ -73.88122729999999, 40.8281391 ], "street" : "Westchester Avenue", "zipcode" : "10472" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-13T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-01-08T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "New Wah Kitchen", "restaurant\_id" : "40573101" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc058f"), "address" : { "building" : "1702", "coord" : [ -73.9137269, 40.8482958 ], "street" : "Grand Avenue", "zipcode" : "10453" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-04-16T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-04-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-03-14T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2011-09-22T00:00:00Z"), "grade" : "B", "score" : 17 } ], "name" : "New Hing Restaurant", "restaurant\_id" : "40701165" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc074c"), "address" : { "building" : "1811", "coord" : [ -73.8518311, 40.8504655 ], "street" : "Williamsbridge Road", "zipcode" : "10461" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-03-26T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-05T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-09-12T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-04-17T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-11-03T00:00:00Z"), "grade" : "A", "score" : 4 } ], "name" : "Hong Kong Restaurant", "restaurant\_id" : "40765358" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc07db"), "address" : { "building" : "796", "coord" : [ -73.91637759999999, 40.8226814 ], "street" : "Courtlandt Avenue", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-08-15T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-08-27T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-03-06T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-08-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-03-21T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2011-10-24T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Kristy'S Restaurant", "restaurant\_id" : "40804049" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0851"), "address" : { "building" : "1634", "coord" : [ -73.8306577, 40.8450232 ], "street" : "Crosby Avenue", "zipcode" : "10461" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-08-08T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-23T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-25T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2011-10-03T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "East Dynasty", "restaurant\_id" : "40827529" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0895"), "address" : { "building" : "2461", "coord" : [ -73.9041182, 40.8644648 ], "street" : "University Avenue", "zipcode" : "10468" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-04-10T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-03-27T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-10-25T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-11T00:00:00Z"), "grade" : "P", "score" : 2 }, { "date" : ISODate("2011-11-01T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-04-20T00:00:00Z"), "grade" : "B", "score" : 17 } ], "name" : "Lin Home Chinese Restaura", "restaurant\_id" : "40842437" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc08b4"), "address" : { "building" : "70", "coord" : [ -73.9066601, 40.8592187 ], "street" : "West 183 Street", "zipcode" : "10453" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-01T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2014-07-02T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2014-01-23T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-07-24T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-01-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-07-19T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2011-12-21T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Peacock Restaurant", "restaurant\_id" : "40849313" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc08e7"), "address" : { "building" : "317", "coord" : [ -73.909629, 40.837446 ], "street" : "East 170 Street", "zipcode" : "10456" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-03T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-04-26T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-11-19T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-05-06T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-09-11T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-17T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Lin'S Garden", "restaurant\_id" : "40857406" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09fe"), "address" : { "building" : "3906", "coord" : [ -73.8612466, 40.8858379 ], "street" : "White Plains Road", "zipcode" : "10466" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-05-12T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-10-07T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-10-05T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-06-30T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "New Rainbow Restaurant", "restaurant\_id" : "40899178" }

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4a"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4b"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant\_id" : "30112340" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4c"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4e"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4f"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb50"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant\_id" : "40356068" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb51"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb52"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb53"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb55"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb56"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb57"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb58"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb59"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5a"), "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard", "restaurant\_id" : "40356151" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5c"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb60"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb61"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "The Movable Feast", "restaurant\_id" : "40361606" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb63"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle", "restaurant\_id" : "40362344" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb65"), "borough" : "Queens", "cuisine" : "Chinese", "name" : "Ho Mei Restaurant", "restaurant\_id" : "40362432" }

Type "it" for more

**Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which are not belonging to the borough Staten Island or Queens or Bronxor Brooklyn.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb6c"), "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("61766e728e75bbdce8dbfb7b"), "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("61766e728e75bbdce8dc00f3"), "address" : { "building" : "2459", "coord" : [ -73.8929629, 40.8601605 ], "street" : "Webster Avenue", "zipcode" : "10458" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-23T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-01-07T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-12-28T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "China Wok Ii", "restaurant\_id" : "40510328" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0183"), "address" : { "building" : "2102", "coord" : [ -73.82609699999999, 40.8687177 ], "street" : "Bartow Ave", "zipcode" : "10475" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-08-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-02-21T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-05-30T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Dragon City", "restaurant\_id" : "40529203" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc022e"), "address" : { "building" : "3511", "coord" : [ -73.9100876, 40.8860444 ], "street" : "Johnson Avenue", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-07-02T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-11-06T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-03-29T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2012-06-20T00:00:00Z"), "grade" : "B", "score" : 27 } ], "name" : "Hunan Balcony", "restaurant\_id" : "40551996" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0232"), "address" : { "building" : "732", "coord" : [ -73.883128, 40.85353 ], "street" : "East 187 Street", "zipcode" : "10458" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-11-07T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-15T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-11-18T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-06-10T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-09-17T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Great Wall Restaurant", "restaurant\_id" : "40552226" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc02c2"), "address" : { "building" : "202", "coord" : [ -73.9164504, 40.8341845 ], "street" : "East 167 Street", "zipcode" : "10456" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-10T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-12-12T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-01T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-03-13T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Lucky House Restaurant", "restaurant\_id" : "40571587" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc02d0"), "address" : { "building" : "1474", "coord" : [ -73.88122729999999, 40.8281391 ], "street" : "Westchester Avenue", "zipcode" : "10472" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-13T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-01-08T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "New Wah Kitchen", "restaurant\_id" : "40573101" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc058f"), "address" : { "building" : "1702", "coord" : [ -73.9137269, 40.8482958 ], "street" : "Grand Avenue", "zipcode" : "10453" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-04-16T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-04-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-03-14T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2011-09-22T00:00:00Z"), "grade" : "B", "score" : 17 } ], "name" : "New Hing Restaurant", "restaurant\_id" : "40701165" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc074c"), "address" : { "building" : "1811", "coord" : [ -73.8518311, 40.8504655 ], "street" : "Williamsbridge Road", "zipcode" : "10461" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-03-26T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-05T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-09-12T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-04-17T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-11-03T00:00:00Z"), "grade" : "A", "score" : 4 } ], "name" : "Hong Kong Restaurant", "restaurant\_id" : "40765358" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc07db"), "address" : { "building" : "796", "coord" : [ -73.91637759999999, 40.8226814 ], "street" : "Courtlandt Avenue", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-08-15T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-08-27T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-03-06T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-08-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-03-21T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2011-10-24T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Kristy'S Restaurant", "restaurant\_id" : "40804049" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0851"), "address" : { "building" : "1634", "coord" : [ -73.8306577, 40.8450232 ], "street" : "Crosby Avenue", "zipcode" : "10461" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-08-08T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-23T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-25T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2011-10-03T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "East Dynasty", "restaurant\_id" : "40827529" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0895"), "address" : { "building" : "2461", "coord" : [ -73.9041182, 40.8644648 ], "street" : "University Avenue", "zipcode" : "10468" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-04-10T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-03-27T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-10-25T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-11T00:00:00Z"), "grade" : "P", "score" : 2 }, { "date" : ISODate("2011-11-01T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-04-20T00:00:00Z"), "grade" : "B", "score" : 17 } ], "name" : "Lin Home Chinese Restaura", "restaurant\_id" : "40842437" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc08b4"), "address" : { "building" : "70", "coord" : [ -73.9066601, 40.8592187 ], "street" : "West 183 Street", "zipcode" : "10453" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-01T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2014-07-02T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2014-01-23T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-07-24T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-01-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-07-19T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2011-12-21T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Peacock Restaurant", "restaurant\_id" : "40849313" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc08e7"), "address" : { "building" : "317", "coord" : [ -73.909629, 40.837446 ], "street" : "East 170 Street", "zipcode" : "10456" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-03T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-04-26T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-11-19T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-05-06T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-09-11T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-17T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Lin'S Garden", "restaurant\_id" : "40857406" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09fe"), "address" : { "building" : "3906", "coord" : [ -73.8612466, 40.8858379 ], "street" : "White Plains Road", "zipcode" : "10466" }, "borough" : "Bronx", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-05-12T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-10-07T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-10-05T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-06-30T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "New Rainbow Restaurant", "restaurant\_id" : "40899178" }

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4a"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4b"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant\_id" : "30112340" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4c"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4e"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4f"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb50"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant\_id" : "40356068" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb51"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb52"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb53"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant\_id" : "40358429" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb55"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb56"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb57"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb58"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb59"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5a"), "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard", "restaurant\_id" : "40356151" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5c"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb60"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant\_id" : "40356442" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb61"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "The Movable Feast", "restaurant\_id" : "40361606" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb63"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle", "restaurant\_id" : "40362344" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb65"), "borough" : "Queens", "cuisine" : "Chinese", "name" : "Ho Mei Restaurant", "restaurant\_id" : "40362432" }

Type "it" for more

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4d"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant\_id" : "30191841" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb54"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5b"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food", "restaurant\_id" : "40361521" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5d"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "P & S Deli Grocery", "restaurant\_id" : "40362264" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5e"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Angelika Film Center", "restaurant\_id" : "40362274" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5f"), "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet'S Kitchen", "restaurant\_id" : "40362098" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb62"), "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully'S Deli", "restaurant\_id" : "40361708" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb64"), "borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe", "restaurant\_id" : "40362715" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb66"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Downtown Deli", "restaurant\_id" : "40363021" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb6b"), "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Olive'S", "restaurant\_id" : "40363151" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb6f"), "borough" : "Manhattan", "cuisine" : "Sandwiches/Salads/Mixed Buffet", "name" : "Lexler Deli", "restaurant\_id" : "40363426" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb70"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Cafe Metro", "restaurant\_id" : "40363298" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb72"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Berkely", "restaurant\_id" : "40363685" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb76"), "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza", "restaurant\_id" : "40363945" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb79"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Spoon Bread Catering", "restaurant\_id" : "40364179" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb7d"), "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza", "restaurant\_id" : "40363644" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb7f"), "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Texas Rotisserie", "restaurant\_id" : "40364304" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb82"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Metropolitan Club", "restaurant\_id" : "40364347" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb84"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "21 Club", "restaurant\_id" : "40364362" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb85"), "borough" : "Manhattan", "cuisine" : "Continental", "name" : "Lorenzo & Maria'S", "restaurant\_id" : "40363630" }

Type "it" for more

**Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which achieved a score which is not more than 10.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb52"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb54"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb59"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb63"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle", "restaurant\_id" : "40362344" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb71"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Sonny'S Heros", "restaurant\_id" : "40363744" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb83"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Manhem Club", "restaurant\_id" : "40364363" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb95"), "borough" : "Staten Island", "cuisine" : "American ", "name" : "Great Kills Yacht Club", "restaurant\_id" : "40364610" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb9c"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Serendipity 3", "restaurant\_id" : "40364863" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfba0"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "White Horse Tavern", "restaurant\_id" : "40364958" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfba6"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dorrian'S Red Hand Restaurant", "restaurant\_id" : "40365239" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfbf5"), "borough" : "Manhattan", "cuisine" : "Mexican", "name" : "Mexico Lindo Restaurant", "restaurant\_id" : "40367038" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc19"), "borough" : "Brooklyn", "cuisine" : "Greek", "name" : "El Greco Diner", "restaurant\_id" : "40367795" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc1d"), "borough" : "Bronx", "cuisine" : "African", "name" : "African Terrace", "restaurant\_id" : "40368021" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc1f"), "borough" : "Bronx", "cuisine" : "Not Listed/Not Applicable", "name" : "The Lark'S Nest", "restaurant\_id" : "40367946" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc22"), "borough" : "Bronx", "cuisine" : "Café/Coffee/Tea", "name" : "Terrace Cafe", "restaurant\_id" : "40368018" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc24"), "borough" : "Bronx", "cuisine" : "American ", "name" : "African Market (Baboon Cafe)", "restaurant\_id" : "40368026" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc26"), "borough" : "Staten Island", "cuisine" : "Italian", "name" : "Roadhouse Restaurant", "restaurant\_id" : "40368034" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc47"), "borough" : "Manhattan", "cuisine" : "French", "name" : "Pergola Des Artistes", "restaurant\_id" : "40369139" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc51"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Mcdonald'S", "restaurant\_id" : "40369535" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc5c"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle", "restaurant\_id" : "40369676" }

Type "it" for more

**Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which prepared dish except 'American' and 'Chinees' or restaurant's name begins with letter 'Wil'.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4a"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant\_id" : "30075445" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4b"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant\_id" : "30112340" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4c"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4d"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant\_id" : "30191841" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4e"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant\_id" : "40356731" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4f"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant\_id" : "40357217" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb50"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant\_id" : "40356068" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb51"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant\_id" : "40356649" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb52"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant\_id" : "40357437" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb54"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb55"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40361322" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb56"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant\_id" : "40360076" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb57"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb58"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb59"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant\_id" : "40361390" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5a"), "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard", "restaurant\_id" : "40356151" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5b"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food", "restaurant\_id" : "40361521" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5c"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5d"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "P & S Deli Grocery", "restaurant\_id" : "40362264" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5e"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Angelika Film Center", "restaurant\_id" : "40362274" }

Type "it" for more

**Write a MongoDB query to 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.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfbc1"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-22T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-07-02T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-02-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-24T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Neary'S Pub", "restaurant\_id" : "40365871" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfca1"), "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" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbff68"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-25T00:00:00Z"), "grade" : "C", "score" : 2 }, { "date" : ISODate("2012-10-23T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-04-16T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-11-15T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Mustang Sally'S Restaurant", "restaurant\_id" : "40397374" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc016f"), "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" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc026a"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2014-01-09T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2013-06-11T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-10-09T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-05-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Marino'S Pizza & Restaurant", "restaurant\_id" : "40560917" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc041c"), "grades" : [ { "date" : ISODate("2015-01-05T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2013-09-13T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-01-16T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Gene'S Coffee Shop", "restaurant\_id" : "40614916" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0580"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-03-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-11-18T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "P", "score" : 4 } ], "name" : "Union Cafe Restaurant", "restaurant\_id" : "40698823" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09eb"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-09-05T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-08-25T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Jojo'S Pizza", "restaurant\_id" : "40892913" }

**Write a MongoDB query to 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"**

> db.addresses.find({"grades.date": ISODate("2014-08-11T00:00:00Z"),"grades.grade":"A","grades.score":9}, {"restaurant\_id" :1, "name":1,"grades":1});

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb9c"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-14T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-01-16T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-07-12T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Serendipity 3", "restaurant\_id" : "40364863" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfbc1"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-22T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-07-02T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-02-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-24T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Neary'S Pub", "restaurant\_id" : "40365871" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfca1"), "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" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfd4c"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2014-02-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-06-25T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-23T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-12-27T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-30T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Pietros", "restaurant\_id" : "40381595" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfe06"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-08-16T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-08-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-04-04T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-11-15T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "The Cornell Center Of New York", "restaurant\_id" : "40388640" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbff85"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2014-02-06T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-11T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-27T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Paddy Quinns", "restaurant\_id" : "40398138" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0024"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-01-09T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-05-13T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2012-09-04T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2012-02-06T00:00:00Z"), "grade" : "B", "score" : 27 } ], "name" : "Naim Kosher Pizza", "restaurant\_id" : "40401060" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc00ad"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-31T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Mutual Of America", "restaurant\_id" : "40404069" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc016f"), "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" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc020e"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2014-03-13T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-02-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-01-23T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "Roy Rogers", "restaurant\_id" : "40547249" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc026a"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2014-01-09T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2013-06-11T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-10-09T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-05-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Marino'S Pizza & Restaurant", "restaurant\_id" : "40560917" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc041c"), "grades" : [ { "date" : ISODate("2015-01-05T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2013-09-13T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-01-16T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Gene'S Coffee Shop", "restaurant\_id" : "40614916" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0974"), "grades" : [ { "date" : ISODate("2015-01-10T00:00:00Z"), "grade" : "Z", "score" : 20 }, { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2014-03-24T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-08-22T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-03-19T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-07-23T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Cafe Angelique", "restaurant\_id" : "40875888" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09ba"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2014-03-20T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-08-20T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2013-02-25T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-02-08T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-09-28T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Roca Tone Seafood Restaurant", "restaurant\_id" : "40885478" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09eb"), "grades" : [ { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-09-05T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-08-25T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Jojo'S Pizza", "restaurant\_id" : "40892913" }

**Write a MongoDB query to 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 upto 52.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfdea"), "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("61766e728e75bbdce8dbfe16"), "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("61766e728e75bbdce8dc0076"), "address" : { "building" : "3000", "coord" : [ -87.86567699999999, 42.61150920000001 ], "street" : "47 Avenue", "zipcode" : "11101" }, "name" : "Di Luvio'S Deli", "restaurant\_id" : "40402284" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc02aa"), "address" : { "building" : "21972199", "coord" : [ -78.589606, 42.8912372 ], "street" : "Broadway", "zipcode" : "10024" }, "name" : "La Caridad 78", "restaurant\_id" : "40568285" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0976"), "address" : { "building" : "7981", "coord" : [ -84.9751215, 45.4713351 ], "street" : "Hoyt Street", "zipcode" : "11201" }, "name" : "Bijan'S", "restaurant\_id" : "40876618" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc098e"), "address" : { "building" : "0", "coord" : [ -88.0778799, 42.4154769 ], "street" : "& Grand Central", "zipcode" : "10017" }, "name" : "Hyatt, Ny Central/Room Service", "restaurant\_id" : "40879243" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09a9"), "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" }

**Write a MongoDB query to arrange the name of the restaurants in ascending order along with all the columns.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfdea"), "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("61766e728e75bbdce8dbfe16"), "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("61766e728e75bbdce8dc0076"), "address" : { "building" : "3000", "coord" : [ -87.86567699999999, 42.61150920000001 ], "street" : "47 Avenue", "zipcode" : "11101" }, "name" : "Di Luvio'S Deli", "restaurant\_id" : "40402284" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc02aa"), "address" : { "building" : "21972199", "coord" : [ -78.589606, 42.8912372 ], "street" : "Broadway", "zipcode" : "10024" }, "name" : "La Caridad 78", "restaurant\_id" : "40568285" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0976"), "address" : { "building" : "7981", "coord" : [ -84.9751215, 45.4713351 ], "street" : "Hoyt Street", "zipcode" : "11201" }, "name" : "Bijan'S", "restaurant\_id" : "40876618" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc098e"), "address" : { "building" : "0", "coord" : [ -88.0778799, 42.4154769 ], "street" : "& Grand Central", "zipcode" : "10017" }, "name" : "Hyatt, Ny Central/Room Service", "restaurant\_id" : "40879243" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09a9"), "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" }

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

{ "\_id" : ObjectId("61766e728e75bbdce8dc07d9"), "address" : { "building" : "129", "coord" : [ -73.962943, 40.685007 ], "street" : "Gates Avenue", "zipcode" : "11238" }, "borough" : "Brooklyn", "cuisine" : "Italian", "grades" : [ { "date" : ISODate("2014-03-06T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-03-08T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-06-27T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-11-17T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "(Lewis Drug Store) Locanda Vini E Olii", "restaurant\_id" : "40804423" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb54"), "address" : { "building" : "1", "coord" : [ -73.96926909999999, 40.7685235 ], "street" : "East 66 Street", "zipcode" : "10065" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-05-07T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-05-03T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-04-30T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2011-12-27T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0368"), "address" : { "building" : "10016", "coord" : [ -73.8216636, 40.5838155 ], "street" : "Rockaway Beach Boulevard", "zipcode" : "11694" }, "borough" : "Queens", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-01-28T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-08-20T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-19T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-06T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-03-01T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "101 Deli", "restaurant\_id" : "40591271" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc025e"), "address" : { "building" : "10018", "coord" : [ -74.0343092, 40.6125569 ], "street" : "4 Avenue", "zipcode" : "11209" }, "borough" : "Brooklyn", "cuisine" : "Italian", "grades" : [ { "date" : ISODate("2014-12-01T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-11-29T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-06-03T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-06-05T00:00:00Z"), "grade" : "B", "score" : 15 }, { "date" : ISODate("2012-01-10T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "101 Restaurant And Bar", "restaurant\_id" : "40560108" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0027"), "address" : { "building" : "1020", "coord" : [ -73.96396419999999, 40.8032642 ], "street" : "Amsterdam Avenue", "zipcode" : "10025" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-06-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-06-19T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-27T00:00:00Z"), "grade" : "C", "score" : 38 } ], "name" : "1020 Bar", "restaurant\_id" : "40401104" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0460"), "address" : { "building" : "10401", "coord" : [ -73.9004264, 40.6520939 ], "street" : "Foster Avenue", "zipcode" : "11236" }, "borough" : "Brooklyn", "cuisine" : "Café/Coffee/Tea", "grades" : [ { "date" : ISODate("2014-12-08T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2014-04-08T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2013-03-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "104-01 Foster Avenue Coffee Shop(Ups)", "restaurant\_id" : "40639261" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc050f"), "address" : { "building" : "256", "coord" : [ -73.998993, 40.74718060000001 ], "street" : "10Th Ave Bet 24 & 25 St )", "zipcode" : "10001" }, "borough" : "Manhattan", "cuisine" : "Pizza", "grades" : [ { "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-10-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-05-31T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-12-14T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-07-09T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-02-03T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "10Th Avenue Pizza & Cafe", "restaurant\_id" : "40673117" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc09af"), "address" : { "building" : "0", "coord" : [ -73.7889689, 40.6433507 ], "street" : "Central Taxi Hold", "zipcode" : "11430" }, "borough" : "Queens", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-03-06T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-09-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-21T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-02-06T00:00:00Z"), "grade" : "B", "score" : 15 } ], "name" : "111 Restaurant", "restaurant\_id" : "40884354" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0586"), "address" : { "building" : "15", "coord" : [ -73.9921155, 40.7364657 ], "street" : "East 15 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Japanese", "grades" : [ { "date" : ISODate("2014-06-28T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-10-22T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-03-22T00:00:00Z"), "grade" : "C", "score" : 64 }, { "date" : ISODate("2012-07-05T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-02-03T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-06-30T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "15 East Restaurant", "restaurant\_id" : "40698892" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfd9d"), "address" : { "building" : "200", "coord" : [ -73.9804898, 40.6768216 ], "street" : "5 Avenue", "zipcode" : "11217" }, "borough" : "Brooklyn", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-07-03T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2013-10-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-03-21T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-08-07T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-03-09T00:00:00Z"), "grade" : "C", "score" : 42 }, { "date" : ISODate("2011-10-13T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "200 Fifth Avenue Restaurant & Sports Bar", "restaurant\_id" : "40385555" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb84"), "address" : { "building" : "21", "coord" : [ -73.9774394, 40.7604522 ], "street" : "West 52 Street", "zipcode" : "10019" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-05-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-08-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-04-04T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "21 Club", "restaurant\_id" : "40364362" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfe0c"), "address" : { "building" : "25", "coord" : [ -73.9860427, 40.7229989 ], "street" : "Avenue A", "zipcode" : "10009" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2013-10-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-10-27T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2011-10-18T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-06-23T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "2A", "restaurant\_id" : "40388784" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0375"), "address" : { "building" : "133", "coord" : [ -73.9702969, 40.75983919999999 ], "street" : "East 55 Street", "zipcode" : "10022" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-04-03T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-03-27T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-10-17T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-04-27T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-06T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-07-18T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "3 Deli & Grill", "restaurant\_id" : "40592296" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfe64"), "address" : { "building" : "1381", "coord" : [ -73.9538783, 40.787312 ], "street" : "Madison Avenue", "zipcode" : "10029" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-08-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-04-18T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2013-03-12T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-10-11T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-05-10T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-12-15T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "3 Guys", "restaurant\_id" : "40391339" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0467"), "address" : { "building" : "1232", "coord" : [ -73.957787, 40.782685 ], "street" : "Madison Avenue", "zipcode" : "10128" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-11-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-11-07T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-05-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-12-17T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-06-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-02-01T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "3 Guys Resturant", "restaurant\_id" : "40640495" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc03db"), "address" : { "building" : "647", "coord" : [ -74.0001028, 40.7619413 ], "street" : "West 42 Street", "zipcode" : "10036" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-11-24T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2014-06-04T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-11-20T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-03-20T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-12-22T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "42Nd Street Pizza Diner", "restaurant\_id" : "40605319" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0800"), "address" : { "building" : "622", "coord" : [ -73.9942049, 40.7610193 ], "street" : "10 Avenue", "zipcode" : "10036" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-12-22T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2014-06-19T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-11-26T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-06-08T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-10-24T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-04-18T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "44 & X Hell'S Kitchen", "restaurant\_id" : "40809948" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc057e"), "address" : { "building" : "621", "coord" : [ -73.992069, 40.759761 ], "street" : "9 Avenue", "zipcode" : "10036" }, "borough" : "Manhattan", "cuisine" : "Italian", "grades" : [ { "date" : ISODate("2014-04-30T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-11-19T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-03-04T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-07-21T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-14T00:00:00Z"), "grade" : "B", "score" : 16 } ], "name" : "44 Sw Ristorante & Bar", "restaurant\_id" : "40698807" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfe36"), "address" : { "building" : "7205", "coord" : [ -73.8424017, 40.7194513 ], "street" : "Austin Street", "zipcode" : "11375" }, "borough" : "Queens", "cuisine" : "Mexican", "grades" : [ { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-02-25T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-12-08T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-05-23T00:00:00Z"), "grade" : "B", "score" : 18 } ], "name" : "5 Burro Cafe", "restaurant\_id" : "40390163" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc07dd"), "address" : { "building" : "525", "coord" : [ -73.9728136, 40.75546629999999 ], "street" : "Lexington Ave", "zipcode" : "10017" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-07-22T00:00:00Z"), "grade" : "C", "score" : 41 }, { "date" : ISODate("2014-01-24T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-05-15T00:00:00Z"), "grade" : "B", "score" : 24 }, { "date" : ISODate("2012-09-12T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-12T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-10-24T00:00:00Z"), "grade" : "C", "score" : 33 } ], "name" : "525 Lex Restaurant & Bar", "restaurant\_id" : "40806489" }

Type "it" for more

**Write a MongoDB query to arrange the name of the restaurants in descending along with all the columns.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc06"), "address" : { "building" : "6946", "coord" : [ -73.8811834, 40.7017759 ], "street" : "Myrtle Avenue", "zipcode" : "11385" }, "borough" : "Queens", "cuisine" : "German", "grades" : [ { "date" : ISODate("2014-09-24T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2014-04-17T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-03-12T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-02T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-05-09T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-28T00:00:00Z"), "grade" : "B", "score" : 24 } ], "name" : "Zum Stammtisch", "restaurant\_id" : "40367377" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc074a"), "address" : { "building" : "107109", "coord" : [ -73.9744668, 40.731155 ], "street" : "Avenue C", "zipcode" : "10009" }, "borough" : "Manhattan", "cuisine" : "German", "grades" : [ { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-08-21T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-02-27T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-06-05T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-12-20T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-07-15T00:00:00Z"), "grade" : "A", "score" : 6 } ], "name" : "Zum Schneider", "restaurant\_id" : "40763382" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc097a"), "address" : { "building" : "2905", "coord" : [ -73.91337299999999, 40.775064 ], "street" : "23 Avenue", "zipcode" : "11105" }, "borough" : "Queens", "cuisine" : "Greek", "grades" : [ { "date" : ISODate("2014-09-29T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-04-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-03-19T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-10-03T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2012-05-07T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Zorba'S", "restaurant\_id" : "40877247" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc07c1"), "address" : { "building" : "305", "coord" : [ -73.94830499999999, 40.781662 ], "street" : "East 92 Street", "zipcode" : "10128" }, "borough" : "Manhattan", "cuisine" : "Brazilian", "grades" : [ { "date" : ISODate("2015-01-09T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-07-16T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-04-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-04-21T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Zebu Grill", "restaurant\_id" : "40800325" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbff80"), "address" : { "building" : "29", "coord" : [ -73.86119219999999, 40.8338023 ], "street" : "Hugh Grant Circle", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-08-27T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-09-10T00:00:00Z"), "grade" : "A", "score" : 0 }, { "date" : ISODate("2013-05-07T00:00:00Z"), "grade" : "C", "score" : 2 }, { "date" : ISODate("2013-03-23T00:00:00Z"), "grade" : "P", "score" : 13 }, { "date" : ISODate("2012-10-24T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-11-01T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Zaro'S Bread Basket", "restaurant\_id" : "40397863" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc00fb"), "address" : { "building" : "1", "coord" : [ -76.878256, 40.26205 ], "street" : "Pennsylvania Station (Amtrack)", "zipcode" : "10001" }, "borough" : "Manhattan", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-02-07T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-02-11T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2012-09-18T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-05T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2011-11-17T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-07-05T00:00:00Z"), "grade" : "A", "score" : 4 } ], "name" : "Zaro'S Bread Basket", "restaurant\_id" : "40510389" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0122"), "address" : { "building" : "89", "coord" : [ -73.97729919999999, 40.7524958 ], "street" : "East 42 Street", "zipcode" : "10017" }, "borough" : "Manhattan", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-12-23T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2014-01-13T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-01-23T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2012-08-20T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-03-30T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Zaro'S Bread Basket", "restaurant\_id" : "40512617" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0342"), "address" : { "building" : "89", "coord" : [ -73.97729919999999, 40.7524958 ], "street" : "East 42 Street", "zipcode" : "10017" }, "borough" : "Manhattan", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-12-11T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2014-07-17T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-06-26T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-01-29T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2012-07-16T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Zaro'S Bread Basket", "restaurant\_id" : "40586000" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc06f6"), "address" : { "building" : "2", "coord" : [ -73.992255, 40.749712 ], "street" : "Penn Plaza", "zipcode" : "10121" }, "borough" : "Manhattan", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-02-18T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-01-22T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-03-21T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-09T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-07-25T00:00:00Z"), "grade" : "B", "score" : 18 } ], "name" : "Zaro'S Bread Basket", "restaurant\_id" : "40750766" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc00bc"), "address" : { "building" : "89", "coord" : [ -73.97729919999999, 40.7524958 ], "street" : "East 42 Street", "zipcode" : "10017" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-09-29T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-09-14T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Zaro'S Bakery", "restaurant\_id" : "40423705" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0546"), "address" : { "building" : "370", "coord" : [ -73.9768121, 40.7507385 ], "street" : "Lexington Avenue", "zipcode" : "10017" }, "borough" : "Manhattan", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-09-18T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-09-09T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-08T00:00:00Z"), "grade" : "B", "score" : 14 }, { "date" : ISODate("2012-10-15T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-05-24T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-10-31T00:00:00Z"), "grade" : "B", "score" : 25 } ], "name" : "Zaro'S Bakery", "restaurant\_id" : "40686674" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfca6"), "address" : { "building" : "500", "coord" : [ -73.9828058, 40.7150766 ], "street" : "Grand Street", "zipcode" : "10002" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-03-20T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-03-13T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-10-19T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-25T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "Zafi'S Luncheonette", "restaurant\_id" : "40371718" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc096b"), "address" : { "building" : "301", "coord" : [ -73.9465592, 40.8165415 ], "street" : "West 135 Street", "zipcode" : "10030" }, "borough" : "Manhattan", "cuisine" : "Caribbean", "grades" : [ { "date" : ISODate("2014-01-08T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-12T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-01-30T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-06T00:00:00Z"), "grade" : "C", "score" : 11 }, { "date" : ISODate("2012-02-28T00:00:00Z"), "grade" : "B", "score" : 16 } ], "name" : "Yvonne Yvonne Restaurant", "restaurant\_id" : "40875849" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc048a"), "address" : { "building" : "1292", "coord" : [ -73.9563202, 40.7846507 ], "street" : "Madison Avenue", "zipcode" : "10128" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2015-01-05T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-08-08T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-12-17T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-07-10T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-08T00:00:00Z"), "grade" : "C", "score" : 41 } ], "name" : "Yura & Company On Madison", "restaurant\_id" : "40646987" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0742"), "address" : { "building" : "9021", "coord" : [ -73.87785749999999, 40.760312 ], "street" : "31 Avenue", "zipcode" : "11369" }, "borough" : "Queens", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-12-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2014-06-12T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-11-12T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-04-10T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2012-10-17T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2012-05-23T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-12-22T00:00:00Z"), "grade" : "P", "score" : 6 } ], "name" : "Yummy Kitchen", "restaurant\_id" : "40763160" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0188"), "address" : { "building" : "518", "coord" : [ -74.02590599999999, 40.6209702 ], "street" : "86 Street", "zipcode" : "11209" }, "borough" : "Brooklyn", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-05-01T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-04-25T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-11-19T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2011-11-04T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Your Bakery", "restaurant\_id" : "40529415" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc01e2"), "address" : { "building" : "137", "coord" : [ -73.9901259, 40.7231435 ], "street" : "East Houston Street", "zipcode" : "10002" }, "borough" : "Manhattan", "cuisine" : "Eastern European", "grades" : [ { "date" : ISODate("2014-06-23T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-06-03T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-25T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-01-31T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-30T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Yonah Shimmels Knishes", "restaurant\_id" : "40544576" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0389"), "address" : { "building" : "292", "coord" : [ -73.9218923, 40.8169858 ], "street" : "East 149 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "Pizza/Italian", "grades" : [ { "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-05-20T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-03-25T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-09-20T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Yolanda Pizzeria Restaurant", "restaurant\_id" : "40594879" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfdf0"), "address" : { "building" : "1290", "coord" : [ -73.9788903, 40.7605367 ], "street" : "Avenue Of Americas", "zipcode" : "10119" }, "borough" : "Manhattan", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-09-23T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-12-11T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-09T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "B", "score" : 23 }, { "date" : ISODate("2012-05-07T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-20T00:00:00Z"), "grade" : "B", "score" : 22 } ], "name" : "Yip'S", "restaurant\_id" : "40388209" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfea1"), "address" : { "building" : "404", "coord" : [ -73.97635439999999, 40.6438997 ], "street" : "Church Avenue", "zipcode" : "11218" }, "borough" : "Brooklyn", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-10-29T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2014-03-24T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-25T00:00:00Z"), "grade" : "C", "score" : 3 }, { "date" : ISODate("2012-10-01T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-05-09T00:00:00Z"), "grade" : "C", "score" : 2 } ], "name" : "Yen Yen Restaurant", "restaurant\_id" : "40393181" }

Type "it" for more

**Write a MongoDB query to arranged the name of the cuisine in ascending order and for that same cuisine borough should be in descending order.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dc0236"), "address" : { "building" : "1345", "coord" : [ -73.959249, 40.768076 ], "street" : "2 Avenue", "zipcode" : "10021" }, "borough" : "Manhattan", "cuisine" : "Afghan", "grades" : [ { "date" : ISODate("2014-10-07T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-10-23T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-10-26T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-04-26T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-01-12T00:00:00Z"), "grade" : "P", "score" : 10 } ], "name" : "Afghan Kebab House", "restaurant\_id" : "40552806" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0360"), "address" : { "building" : "34", "coord" : [ -73.9883612, 40.7286391 ], "street" : "St Marks Place", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Afghan", "grades" : [ { "date" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-08-06T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2013-01-31T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-05-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-12-13T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-25T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Khyber Pass", "restaurant\_id" : "40589545" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0416"), "address" : { "building" : "764", "coord" : [ -73.9880435, 40.7641423 ], "street" : "9 Avenue", "zipcode" : "10019" }, "borough" : "Manhattan", "cuisine" : "Afghan", "grades" : [ { "date" : ISODate("2014-12-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2013-02-25T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-08-09T00:00:00Z"), "grade" : "C", "score" : 2 }, { "date" : ISODate("2012-02-16T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Afghan Kebab House #1", "restaurant\_id" : "40616799" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0939"), "address" : { "building" : "787", "coord" : [ -73.9880886, 40.7651331 ], "street" : "9 Avenue", "zipcode" : "10019" }, "borough" : "Manhattan", "cuisine" : "Afghan", "grades" : [ { "date" : ISODate("2014-07-22T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-07-08T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-02-05T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-11-28T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Ariana Kebab House", "restaurant\_id" : "40868400" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc07ad"), "address" : { "building" : "14612", "coord" : [ -73.8057078, 40.6948408 ], "street" : "Liberty Avenue", "zipcode" : "11435" }, "borough" : "Queens", "cuisine" : "African", "grades" : [ { "date" : ISODate("2014-04-16T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-09-16T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2012-08-23T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-02-21T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-06-30T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Africana Restaurant", "restaurant\_id" : "40798504" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc053a"), "address" : { "building" : "195", "coord" : [ -73.9717845, 40.6897199 ], "street" : "Dekalb Avenue", "zipcode" : "11205" }, "borough" : "Brooklyn", "cuisine" : "African", "grades" : [ { "date" : ISODate("2014-08-18T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-01-13T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-12-19T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-08-01T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-12T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-11-01T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Madiba", "restaurant\_id" : "40684161" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc1d"), "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("61766e728e75bbdce8dc0869"), "address" : { "building" : "2364", "coord" : [ -73.9025083, 40.8603246 ], "street" : "Jerome Avenue", "zipcode" : "10468" }, "borough" : "Bronx", "cuisine" : "African", "grades" : [ { "date" : ISODate("2014-04-22T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-10-22T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-09-18T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-10-04T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-05-26T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Ebe Ye Yie African Restaurant", "restaurant\_id" : "40832718" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb95"), "address" : { "building" : "37", "coord" : [ -74.138263, 40.546681 ], "street" : "Mansion Ave", "zipcode" : "10308" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-04-22T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-09-25T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-06-09T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name" : "Great Kills Yacht Club", "restaurant\_id" : "40364610" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfba3"), "address" : { "building" : "390", "coord" : [ -74.07444319999999, 40.6096914 ], "street" : "Hylan Boulevard", "zipcode" : "10305" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-06-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-06-15T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-08-30T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-10-07T00:00:00Z"), "grade" : "B", "score" : 20 } ], "name" : "Labetti'S Post # 2159", "restaurant\_id" : "40365022" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfbaf"), "address" : { "building" : "6736", "coord" : [ -74.2274942, 40.5071996 ], "street" : "Hylan Boulevard", "zipcode" : "10309" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-08-13T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-08-20T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-06-18T00:00:00Z"), "grade" : "A", "score" : 6 } ], "name" : "South Shore Swimming Club", "restaurant\_id" : "40365120" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfbd8"), "address" : { "building" : "3823", "coord" : [ -74.16536339999999, 40.5450793 ], "street" : "Richmond Avenue", "zipcode" : "10312" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-07-15T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2013-04-01T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-03-12T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Joyce'S Tavern", "restaurant\_id" : "40365692" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfbef"), "address" : { "building" : "135", "coord" : [ -74.10465599999999, 40.58834 ], "street" : "Flagg Place", "zipcode" : "10304" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-07-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-11-29T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "B", "score" : 23 }, { "date" : ISODate("2011-08-13T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Richmond County Country Club", "restaurant\_id" : "40366928" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc07"), "address" : { "building" : "17", "coord" : [ -74.1350211, 40.6369042 ], "street" : "Harrison Avenue", "zipcode" : "10302" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-07-22T00:00:00Z"), "grade" : "B", "score" : 15 }, { "date" : ISODate("2013-10-23T00:00:00Z"), "grade" : "B", "score" : 16 }, { "date" : ISODate("2013-04-16T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2012-03-31T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Buddy'S Wonder Bar", "restaurant\_id" : "40367442" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc14"), "address" : { "building" : "697", "coord" : [ -74.11223799999999, 40.629819 ], "street" : "Forest Avenue", "zipcode" : "10310" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-07-17T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date" : ISODate("2013-10-03T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2013-02-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-05T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Li Greci'S Staaten Restaurant", "restaurant\_id" : "40366711" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc2b"), "address" : { "building" : "2001", "coord" : [ -74.099018, 40.58116500000001 ], "street" : "Hylan Boulevard", "zipcode" : "10306" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2014-03-20T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-09-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-04-01T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-03-05T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Colonnade Diner", "restaurant\_id" : "40368291" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc4a"), "address" : { "building" : "372", "coord" : [ -74.1018239, 40.630788 ], "street" : "Forest Avenue", "zipcode" : "10301" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-03-08T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-09-17T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-02-14T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-07-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-07-11T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Jody'S Club", "restaurant\_id" : "40369158" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc84"), "address" : { "building" : "1745", "coord" : [ -74.146976, 40.625178 ], "street" : "Forest Avenue", "zipcode" : "10303" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-11-15T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2014-06-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-08T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-12-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-23T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-24T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Perkins Family Restaurant & Bakery", "restaurant\_id" : "40370910" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc94"), "address" : { "building" : "2055", "coord" : [ -74.1321, 40.61266000000001 ], "street" : "Victory Boulevard", "zipcode" : "10314" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-11-06T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date" : ISODate("2014-05-06T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2013-01-26T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-17T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Schaffer'S Tavern", "restaurant\_id" : "40371771" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc98"), "address" : { "building" : "275", "coord" : [ -74.1235473, 40.6215341 ], "street" : "Martling Ave", "zipcode" : "10314" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-04-09T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-01-16T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-06T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Exclusive Catering", "restaurant\_id" : "40372016" }

Type "it" for more

**Write a MongoDB query to know whether all the addresses contains the street or not.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4a"), "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("61766e728e75bbdce8dbfb4b"), "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("61766e728e75bbdce8dbfb4c"), "address" : { "building" : "7114", "coord" : [ -73.9068506, 40.6199034 ], "street" : "Avenue U", "zipcode" : "11234" }, "borough" : "Brooklyn", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-03T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-09T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-10-14T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4d"), "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("61766e728e75bbdce8dbfb4e"), "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("61766e728e75bbdce8dbfb4f"), "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("61766e728e75bbdce8dbfb50"), "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("61766e728e75bbdce8dbfb51"), "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("61766e728e75bbdce8dbfb52"), "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("61766e728e75bbdce8dbfb53"), "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("61766e728e75bbdce8dbfb54"), "address" : { "building" : "1", "coord" : [ -73.96926909999999, 40.7685235 ], "street" : "East 66 Street", "zipcode" : "10065" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-05-07T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-05-03T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-04-30T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2011-12-27T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb55"), "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("61766e728e75bbdce8dbfb56"), "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("61766e728e75bbdce8dbfb57"), "address" : { "building" : "705", "coord" : [ -73.9653967, 40.6064339 ], "street" : "Kings Highway", "zipcode" : "11223" }, "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-12-30T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb58"), "address" : { "building" : "2780", "coord" : [ -73.98241999999999, 40.579505 ], "street" : "Stillwell Avenue", "zipcode" : "11224" }, "borough" : "Brooklyn", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-06-10T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-05T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb59"), "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("61766e728e75bbdce8dbfb5a"), "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("61766e728e75bbdce8dbfb5b"), "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("61766e728e75bbdce8dbfb5c"), "address" : { "building" : "3406", "coord" : [ -73.94024739999999, 40.7623288 ], "street" : "10 Street", "zipcode" : "11106" }, "borough" : "Queens", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-03-19T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-03-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-03-27T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-04-05T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5d"), "address" : { "building" : "730", "coord" : [ -73.96805719999999, 40.7925587 ], "street" : "Columbus Avenue", "zipcode" : "10025" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-09-12T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-25T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2012-02-14T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "P & S Deli Grocery", "restaurant\_id" : "40362264" }

Type "it" for more

**Write a MongoDB query which will select all documents in the restaurants collection where the coord field value is Double.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4a"), "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("61766e728e75bbdce8dbfb4b"), "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("61766e728e75bbdce8dbfb4c"), "address" : { "building" : "7114", "coord" : [ -73.9068506, 40.6199034 ], "street" : "Avenue U", "zipcode" : "11234" }, "borough" : "Brooklyn", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-03T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-07-18T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-09T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-10-14T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Wilken'S Fine Food", "restaurant\_id" : "40356483" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4d"), "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("61766e728e75bbdce8dbfb4e"), "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("61766e728e75bbdce8dbfb4f"), "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("61766e728e75bbdce8dbfb50"), "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("61766e728e75bbdce8dbfb51"), "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("61766e728e75bbdce8dbfb52"), "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("61766e728e75bbdce8dbfb53"), "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("61766e728e75bbdce8dbfb54"), "address" : { "building" : "1", "coord" : [ -73.96926909999999, 40.7685235 ], "street" : "East 66 Street", "zipcode" : "10065" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-05-07T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-05-03T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-04-30T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2011-12-27T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "1 East 66Th Street Kitchen", "restaurant\_id" : "40359480" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb55"), "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("61766e728e75bbdce8dbfb56"), "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("61766e728e75bbdce8dbfb57"), "address" : { "building" : "705", "coord" : [ -73.9653967, 40.6064339 ], "street" : "Kings Highway", "zipcode" : "11223" }, "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "grades" : [ { "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-12-30T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb58"), "address" : { "building" : "2780", "coord" : [ -73.98241999999999, 40.579505 ], "street" : "Stillwell Avenue", "zipcode" : "11224" }, "borough" : "Brooklyn", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-06-10T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-05T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Riviera Caterer", "restaurant\_id" : "40356018" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb59"), "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("61766e728e75bbdce8dbfb5a"), "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("61766e728e75bbdce8dbfb5b"), "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("61766e728e75bbdce8dbfb5c"), "address" : { "building" : "3406", "coord" : [ -73.94024739999999, 40.7623288 ], "street" : "10 Street", "zipcode" : "11106" }, "borough" : "Queens", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-03-19T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-03-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-03-27T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-04-05T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5d"), "address" : { "building" : "730", "coord" : [ -73.96805719999999, 40.7925587 ], "street" : "Columbus Avenue", "zipcode" : "10025" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-09-12T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-25T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2012-02-14T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "P & S Deli Grocery", "restaurant\_id" : "40362264" }

Type "it" for more

**Write a MongoDB query which will select the restaurant Id, name and grades for those restaurants which returns 0 as a remainder after dividing the score by 7.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb4a"), "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("61766e728e75bbdce8dbfb53"), "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("61766e728e75bbdce8dbfb54"), "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("61766e728e75bbdce8dbfb57"), "grades" : [ { "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-12-30T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Seuda Foods", "restaurant\_id" : "40360045" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb58"), "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("61766e728e75bbdce8dbfb5a"), "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("61766e728e75bbdce8dbfb5c"), "grades" : [ { "date" : ISODate("2014-03-19T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-03-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-03-27T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-04-05T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Steve Chu'S Deli & Grocery", "restaurant\_id" : "40361998" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb5f"), "grades" : [ { "date" : ISODate("2014-09-15T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-01-09T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-15T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Harriet'S Kitchen", "restaurant\_id" : "40362098" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb63"), "grades" : [ { "date" : ISODate("2014-03-18T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-03-18T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-10-10T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-09-22T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "White Castle", "restaurant\_id" : "40362344" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb65"), "grades" : [ { "date" : ISODate("2014-04-21T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-11-12T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-11-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-10-11T00:00:00Z"), "grade" : "P", "score" : 0 }, { "date" : ISODate("2012-05-24T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-08T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-07-20T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Ho Mei Restaurant", "restaurant\_id" : "40362432" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb68"), "grades" : [ { "date" : ISODate("2014-05-13T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-05-08T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-09-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-06-06T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Shashemene Int'L Restaura", "restaurant\_id" : "40362869" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb6b"), "grades" : [ { "date" : ISODate("2014-10-17T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-09-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-04-30T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-20T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-12-19T00:00:00Z"), "grade" : "A", "score" : 3 } ], "name" : "Olive'S", "restaurant\_id" : "40363151" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb6d"), "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("61766e728e75bbdce8dbfb6f"), "grades" : [ { "date" : ISODate("2014-02-21T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-09-13T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-08-28T00:00:00Z"), "grade" : "A", "score" : 0 }, { "date" : ISODate("2011-09-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-05-03T00:00:00Z"), "grade" : "A", "score" : 5 } ], "name" : "Lexler Deli", "restaurant\_id" : "40363426" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb71"), "grades" : [ { "date" : ISODate("2014-02-05T00:00:00Z"), "grade" : "A", "score" : 0 }, { "date" : ISODate("2013-01-29T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2011-12-08T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Sonny'S Heros", "restaurant\_id" : "40363744" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb78"), "grades" : [ { "date" : ISODate("2014-11-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-11-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-24T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-03-20T00:00:00Z"), "grade" : "A", "score" : 5 } ], "name" : "Plaza Bagels & Deli", "restaurant\_id" : "40364286" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb7d"), "grades" : [ { "date" : ISODate("2014-08-05T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2014-03-06T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-07-09T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-01-30T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-01-05T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-09-26T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "Domino'S Pizza", "restaurant\_id" : "40363644" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb7e"), "grades" : [ { "date" : ISODate("2014-02-25T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-06-27T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-03T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-09T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Philadelhia Grille Express", "restaurant\_id" : "40364305" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb7f"), "grades" : [ { "date" : ISODate("2015-01-06T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2014-07-15T00:00:00Z"), "grade" : "C", "score" : 48 }, { "date" : ISODate("2013-05-02T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-09-24T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-04-19T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Texas Rotisserie", "restaurant\_id" : "40364304" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfb81"), "grades" : [ { "date" : ISODate("2014-02-25T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-08-14T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-08-07T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-03-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-04T00:00:00Z"), "grade" : "A", "score" : 0 }, { "date" : ISODate("2011-06-29T00:00:00Z"), "grade" : "A", "score" : 4 } ], "name" : "Snack Time Grill", "restaurant\_id" : "40363590" }

Type "it" for more

**Write a MongoDB query to find the restaurant name, borough, longitude and attitude and cuisine for those restaurants which contains 'mon' as three letters somewhere in its name.**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dbfbe3"), "address" : { "coord" : [ -73.8221418, 40.7272376 ] }, "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Shimons Kosher Pizza" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfbef"), "address" : { "coord" : [ -74.10465599999999, 40.58834 ] }, "borough" : "Staten Island", "cuisine" : "American ", "name" : "Richmond County Country Club" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc13"), "address" : { "coord" : [ -73.98306099999999, 40.7441419 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Desmond'S Tavern" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc20"), "address" : { "coord" : [ -73.9812843, 40.5947365 ] }, "borough" : "Brooklyn", "cuisine" : "Pizza/Italian", "name" : "Lb Spumoni Gardens" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfc70"), "address" : { "coord" : [ -73.951199, 40.7166026 ] }, "borough" : "Brooklyn", "cuisine" : "Italian", "name" : "Bamonte'S Restaurant" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfca9"), "address" : { "coord" : [ -73.924072, 40.76108900000001 ] }, "borough" : "Queens", "cuisine" : "Greek", "name" : "Omonia Cafe" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfcf7"), "address" : { "coord" : [ -74.0023353, 40.7333573 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Manhattan Monster" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfd23"), "address" : { "coord" : [ -74.001094, 40.729583 ] }, "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Monte'S" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfd3e"), "address" : { "coord" : [ -73.9901605, 40.7526176 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Delmonico'S Kitchen" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfd40"), "address" : { "coord" : [ -73.9979536, 40.6914024 ] }, "borough" : "Brooklyn", "cuisine" : "Bottled beverages, including water, sodas, juices, etc.", "name" : "Montero Bar & Grill" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbfec9"), "address" : { "coord" : [ -73.9707505, 40.7635651 ] }, "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Delmonico Gourmet" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbff39"), "address" : { "coord" : [ -73.9760637, 40.7508686 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Delmonico Gourmet" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbff4b"), "address" : { "coord" : [ -73.9705633, 40.7605759 ] }, "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Montebello Restaurant" }

{ "\_id" : ObjectId("61766e728e75bbdce8dbffff"), "address" : { "coord" : [ -74.1914658, 40.55274360000001 ] }, "borough" : "Staten Island", "cuisine" : "Italian", "name" : "Villa Monte Pizzeria" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc008c"), "address" : { "coord" : [ -73.97198209999999, 40.764464 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Harmonie Club" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0151"), "address" : { "coord" : [ -73.79571990000001, 40.7095637 ] }, "borough" : "Queens", "cuisine" : "Bakery", "name" : "Ramona'S Bakery" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0186"), "address" : { "coord" : [ -73.97852100000001, 40.729192 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Mona'S" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc01aa"), "address" : { "coord" : [ -73.98463480000001, 40.7630755 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Neil Simon Theatre" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc01e4"), "address" : { "coord" : [ -73.9938361, 40.6091317 ] }, "borough" : "Brooklyn", "cuisine" : "Bakery", "name" : "Mondial Bakery" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc020d"), "address" : { "coord" : [ -74.028486, 40.630438 ] }, "borough" : "Brooklyn", "cuisine" : "Mediterranean", "name" : "Omonia Cafe" }

Type "it" for more

**Write a MongoDB query to find the restaurant name, borough, longitude and latitude and cuisine for those restaurants which contain 'Mad' as first three letters of its name**

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

{ "\_id" : ObjectId("61766e728e75bbdce8dc0089"), "address" : { "coord" : [ -73.9860597, 40.7431194 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Madison Square" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0155"), "address" : { "coord" : [ -73.98302199999999, 40.742313 ] }, "borough" : "Manhattan", "cuisine" : "Indian", "name" : "Madras Mahal" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc0411"), "address" : { "coord" : [ -74.000002, 40.72735 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Madame X" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc04b0"), "address" : { "coord" : [ -73.98171959999999, 40.7499406 ] }, "borough" : "Manhattan", "cuisine" : "French", "name" : "Madison Bistro" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc053a"), "address" : { "coord" : [ -73.9717845, 40.6897199 ] }, "borough" : "Brooklyn", "cuisine" : "African", "name" : "Madiba" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc083e"), "address" : { "coord" : [ -73.9040753, 40.9069011 ] }, "borough" : "Bronx", "cuisine" : "Italian", "name" : "Madison'S" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc08cb"), "address" : { "coord" : [ -73.9886598, 40.7565811 ] }, "borough" : "Manhattan", "cuisine" : "Hotdogs", "name" : "Madame Tussaud'S" }

{ "\_id" : ObjectId("61766e728e75bbdce8dc08fb"), "address" : { "coord" : [ -73.95623719999999, 40.7761697 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Mad River Bar & Grille" }