MongoDB – Complex Queries

Mongo DB Exercises - With the Restaurants Data Set

1. Download the restaurants.zip file

2. Unzip the file, you will see restaurants.json file

3. Run the mongod server

4. Run the following command to import the json file provided. It will load the json file into the mongodb with database name - restaurants, collections name - addresses mongoimport --db restaurants --collection addresses --file restaurants.json

5. Run mongo shell command

6. show databases

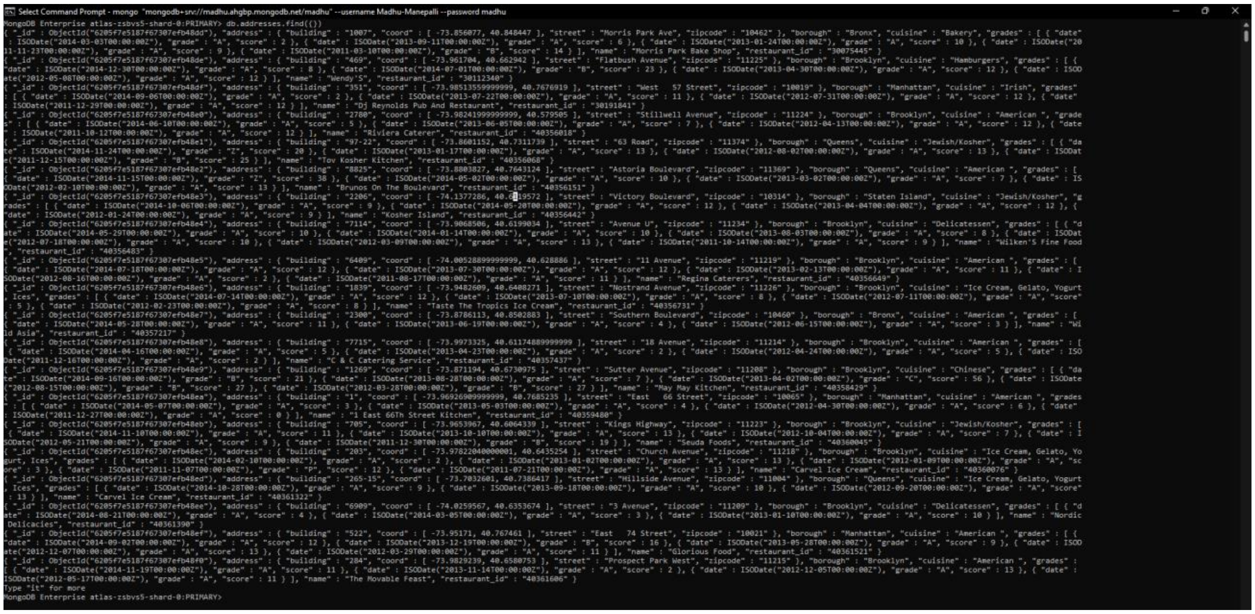
7. use restaurants

8. db.addresses.find() should print entire json data

9. Then start working on the following exercises and submit your queries as the answers to the questions

Exercise Questions

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



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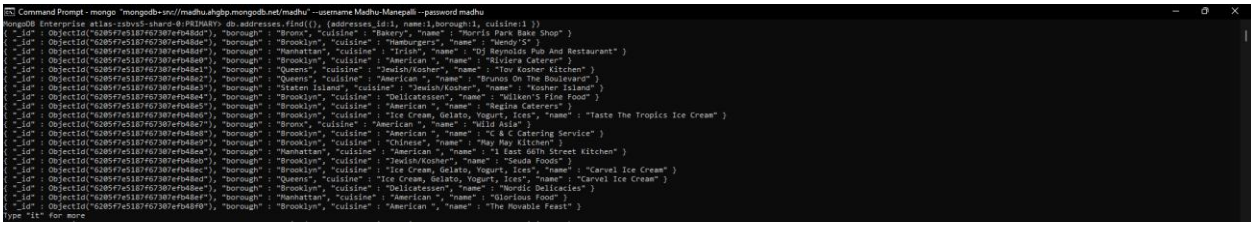
Select Command Prompt - mongo "mongodb+srv://madhu.ahgbp.mongodb.net/madhu" --username Madhu-Manepalli --password madhu
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({})
{ "_id" : ObjectId("6205f7e5187f67307efb48dd"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "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("20
11-11-23T00:00:00Z"), "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("6205f7e5187f67307efb48de"), "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" : ISOD
ate("2012-05-08T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Wendy'S", "restaurant_id" : "30112340" }
{ "_id" : ObjectId("6205f7e5187f67307efb48df"), "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("6205f7e5187f67307efb48e0"), "address" : { "building" : "2780", "coord" : [ -73.98241999999999, 40.579505 ], "street" : "Stillwell Avenue", "zipcode" : "11224" }, "borough" : "Brooklyn", "cuisine" : "American ", "grade
s" : [ { "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("6205f7e5187f67307efb48e1"), "address" : { "building" : "97-22", "coord" : [ -73.8601152, 40.7311739 ], "street" : "63 Road", "zipcode" : "11374" }, "borough" : "Queens", "cuisine" : "Jewish/Kosher", "grades" : [ { "da
te" : 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" : ISODat
e("2011-12-15T00:00:00Z"), "grade" : "B", "score" : 25 } ], "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e2"), "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" : IS
ODate("2012-02-10T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e3"), "address" : { "building" : "2206", "coord" : [ -74.1377286, 40.6119572 ], "street" : "Victory Boulevard", "zipcode" : "10314" }, "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "g
rades" : [ { "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-05-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-04T00:00:00Z"), "grade" : "A", "score" : 12 }, {
"date" : ISODate("2012-01-24T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Kosher Island", "restaurant_id" : "40356442" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e4"), "address" : { "building" : "7114", "coord" : [ -73.9068506, 40.6199034 ], "street" : "Avenue U", "zipcode" : "11234" }, "borough" : "Brooklyn", "cuisine" : "Delicatessen", "grades" : [ { "d
ate" : 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" : ISODat
e("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("6205f7e5187f67307efb48e5"), "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" : I
SODate("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("6205f7e5187f67307efb48e6"), "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("6205f7e5187f67307efb48e7"), "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" : "Wi
ld Asia", "restaurant_id" : "40357217" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e8"), "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" : ISO
Date("2011-12-16T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "C & C Catering Service", "restaurant_id" : "40357437" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e9"), "address" : { "building" : "1269", "coord" : [ -73.871194, 40.6730975 ], "street" : "Sutter Avenue", "zipcode" : "11208" }, "borough" : "Brooklyn", "cuisine" : "Chinese", "grades" : [ { "da
te" : 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("6205f7e5187f67307efb48ea"), "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("6205f7e5187f67307efb48eb"), "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" : I
SODate("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("6205f7e5187f67307efb48ec"), "address" : { "building" : "203", "coord" : [ -73.97822040000001, 40.6435254 ], "street" : "Church Avenue", "zipcode" : "11218" }, "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yo
gurt, 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", "sc
ore" : 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("6205f7e5187f67307efb48ed"), "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("6205f7e5187f67307efb48ee"), "address" : { "building" : "6909", "coord" : [ -74.0259567, 40.6353674 ], "street" : "3 Avenue", "zipcode" : "11209" }, "borough" : "Brooklyn", "cuisine" : "Delicatessen", "grades" : [ { "d
ate" : 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("6205f7e5187f67307efb48ef"), "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" : ISOD
ate("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("6205f7e5187f67307efb48f0"), "address" : { "building" : "284", "coord" : [ -73.9829239, 40.6580753 ], "street" : "Prospect Park West", "zipcode" : "11215" }, "borough" : "Brooklyn", "cuisine" : "American ", "grades" :
[ { "date" : ISODate("2014-11-19T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-11-14T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2012-12-05T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" :
ISODate("2012-05-17T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "The Movable Feast", "restaurant_id" : "40361606" }
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
```

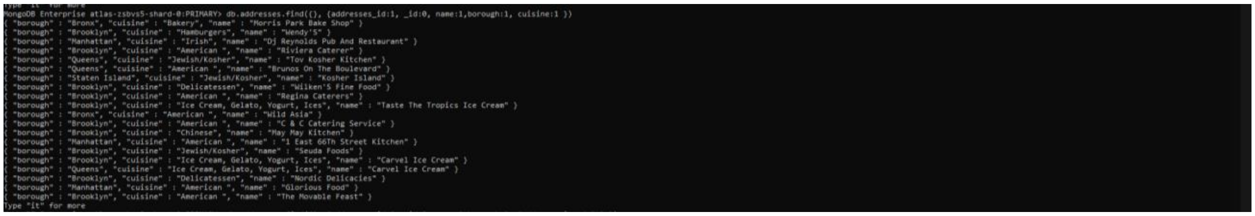
2. Write a MongoDB query to display the fields restaurant_id, name, borough and cuisine for all the documents in the collection restaurant.



Command Prompt - mongo "mongodb+srv://madhu.ahgbp.mongodb.net/madhu" --username Madhu-Manepalli --password madhu

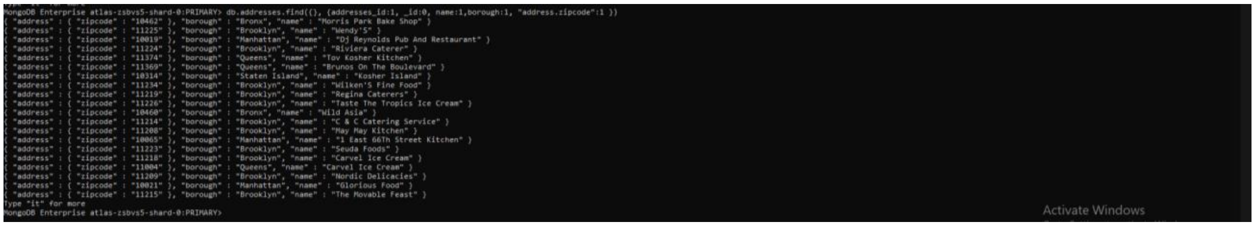
```
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({}, {addresses_id:1, name:1,borough:1, cuisine:1 })
{ "_id" : ObjectId("6205f7e5187f67307efb48dd"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop" }
{ "_id" : ObjectId("6205f7e5187f67307efb48de"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S" }
{ "_id" : ObjectId("6205f7e5187f67307efb48df"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e0"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e1"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e2"), "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e3"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e4"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e5"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e6"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e7"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e8"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e9"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ea"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen" }
{ "_id" : ObjectId("6205f7e5187f67307efb48eb"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ec"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ed"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ee"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ef"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f0"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "The Movable Feast" }
Type "it" for more
```

3. 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.



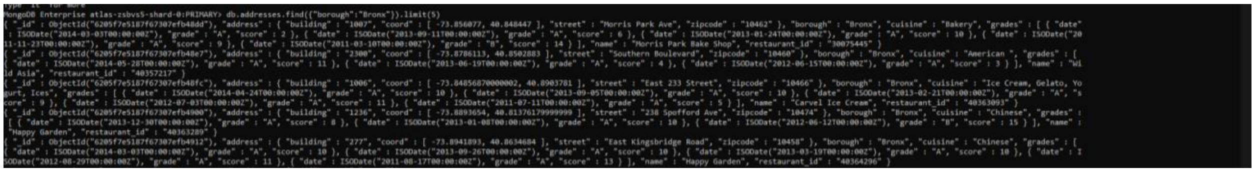
```
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({}, {addresses_id:1, _id:0, name:1,borough:1, cuisine:1 })
{ "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop" }
{ "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S" }
{ "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant" }
{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer" }
{ "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen" }
{ "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard" }
{ "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island" }
{ "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food" }
{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers" }
{ "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream" }
{ "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia" }
{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service" }
{ "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen" }
{ "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen" }
{ "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods" }
{ "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream" }
{ "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream" }
{ "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies" }
{ "borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food" }
{ "borough" : "Brooklyn", "cuisine" : "American ", "name" : "The Movable Feast" }
Type "it" for more
```

4. 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.



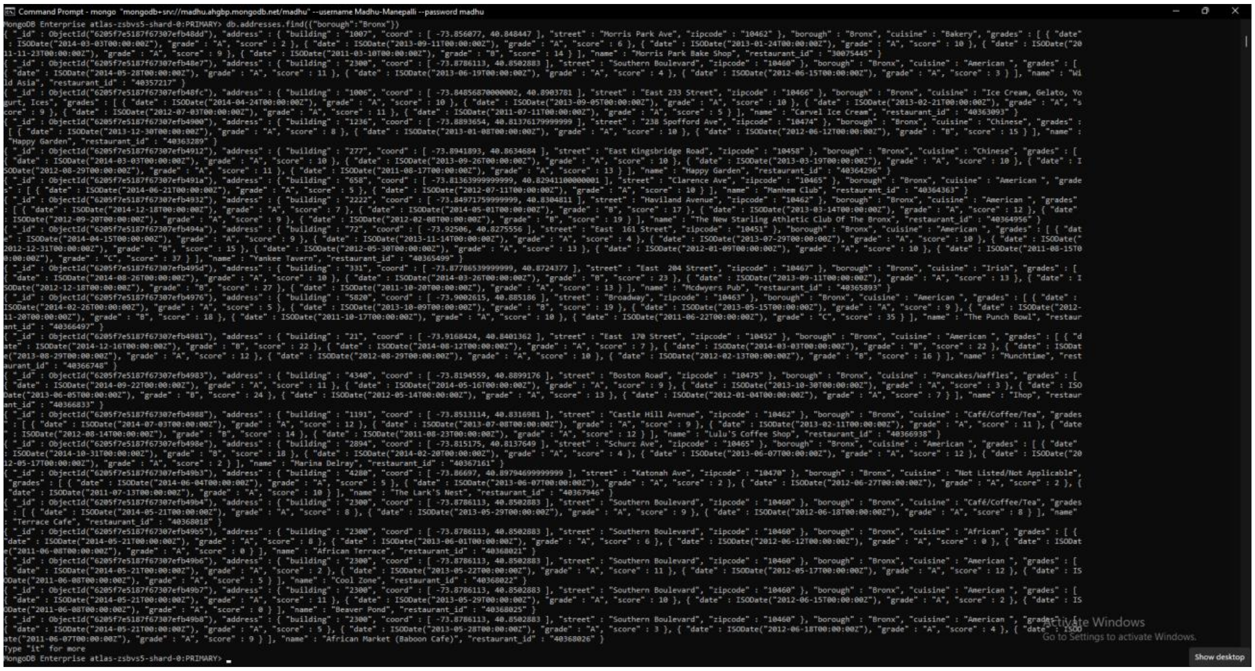
```
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({}, {addresses_id:1, _id:0, name:1,borough:1, "address.zipcode":1 })
{ "address" : { "zipcode" : "10462" }, "borough" : "Bronx", "name" : "Morris Park Bake Shop" }
{ "address" : { "zipcode" : "11225" }, "borough" : "Brooklyn", "name" : "Wendy'S" }
{ "address" : { "zipcode" : "10019" }, "borough" : "Manhattan", "name" : "Dj Reynolds Pub And Restaurant" }
{ "address" : { "zipcode" : "11224" }, "borough" : "Brooklyn", "name" : "Riviera Caterer" }
{ "address" : { "zipcode" : "11374" }, "borough" : "Queens", "name" : "Tov Kosher Kitchen" }
{ "address" : { "zipcode" : "11369" }, "borough" : "Queens", "name" : "Brunos On The Boulevard" }
{ "address" : { "zipcode" : "10314" }, "borough" : "Staten Island", "name" : "Kosher Island" }
{ "address" : { "zipcode" : "11234" }, "borough" : "Brooklyn", "name" : "Wilken'S Fine Food" }
{ "address" : { "zipcode" : "11219" }, "borough" : "Brooklyn", "name" : "Regina Caterers" }
{ "address" : { "zipcode" : "11226" }, "borough" : "Brooklyn", "name" : "Taste The Tropics Ice Cream" }
{ "address" : { "zipcode" : "10460" }, "borough" : "Bronx", "name" : "Wild Asia" }
{ "address" : { "zipcode" : "11214" }, "borough" : "Brooklyn", "name" : "C & C Catering Service" }
{ "address" : { "zipcode" : "11208" }, "borough" : "Brooklyn", "name" : "May May Kitchen" }
{ "address" : { "zipcode" : "10065" }, "borough" : "Manhattan", "name" : "1 East 66Th Street Kitchen" }
{ "address" : { "zipcode" : "11223" }, "borough" : "Brooklyn", "name" : "Seuda Foods" }
{ "address" : { "zipcode" : "11218" }, "borough" : "Brooklyn", "name" : "Carvel Ice Cream" }
{ "address" : { "zipcode" : "11004" }, "borough" : "Queens", "name" : "Carvel Ice Cream" }
{ "address" : { "zipcode" : "11209" }, "borough" : "Brooklyn", "name" : "Nordic Delicacies" }
{ "address" : { "zipcode" : "10021" }, "borough" : "Manhattan", "name" : "Glorious Food" }
{ "address" : { "zipcode" : "11215" }, "borough" : "Brooklyn", "name" : "The Movable Feast" }
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
```

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



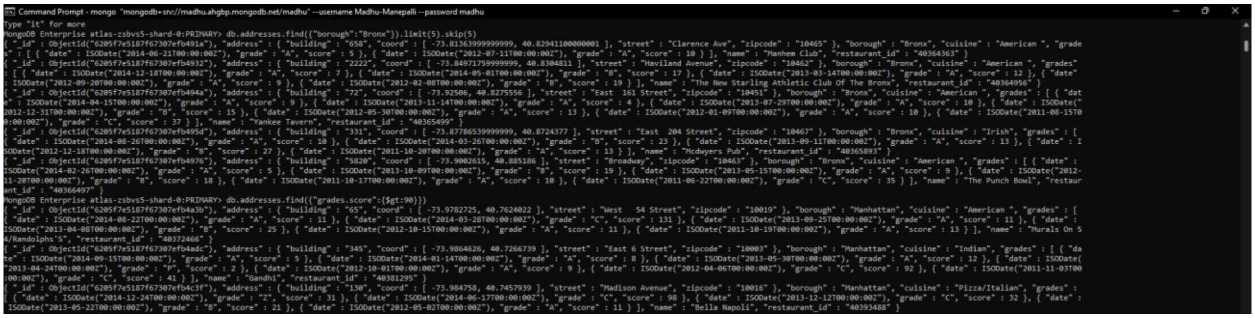
```
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"borough":"Bronx"}).limit(5)
{ "_id" : ObjectId("6205f7e5187f67307efb48dd"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10462" }, "borough" : "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("20
11-11-23T00:00:00Z"), "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("6205f7e5187f67307efb48e7"), "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" : "Wi
ld Asia", "restaurant_id" : "40357217" }
{ "_id" : ObjectId("6205f7e5187f67307efb48fc"), "address" : { "building" : "1006", "coord" : [ -73.84856870000002, 40.8903781 ], "street" : "East 233 Street", "zipcode" : "10466" }, "borough" : "Bronx", "cuisine" : "Ice Cream, Gelato, Yo
gurt, 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", "s
core" : 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("6205f7e5187f67307efb4900"), "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("6205f7e5187f67307efb4912"), "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" : I
SODate("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" }
```

6. Write a MongoDB query to display all the restaurant which is in the borough Bronx.



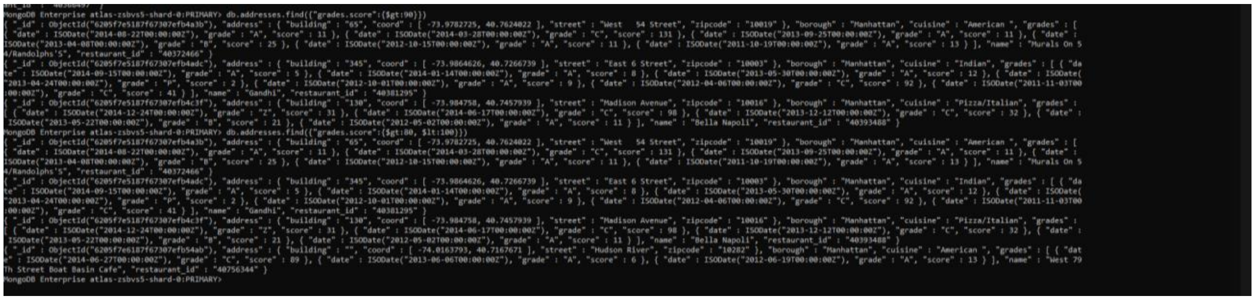
```
Command Prompt - mongo "mongodb+srv://madhu.ahgbp.mongodb.net/madhu" --username Madhu-Manepalli --password madhu
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"borough":"Bronx"})
{ "_id" : ObjectId("6205f7e5187f67307efb48dd"), "address" : { "building" : "1007", "coord" : [ -73.856077, 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("20
11-11-23T00:00:00Z"), "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("6205f7e5187f67307efb48e7"), "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" : "Wi
ld Asia", "restaurant_id" : "40357217" }
{ "_id" : ObjectId("6205f7e5187f67307efb48fc"), "address" : { "building" : "1006", "coord" : [ -73.84856870000002, 40.8903781 ], "street" : "East 233 Street", "zipcode" : "10466" }, "borough" : "Bronx", "cuisine" : "Ice Cream, Gelato, Yo
gurt, 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", "s
core" : 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("6205f7e5187f67307efb4900"), "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("6205f7e5187f67307efb4912"), "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" : I
SODate("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("6205f7e5187f67307efb491a"), "address" : { "building" : "658", "coord" : [ -73.81363999999999, 40.82941100000001 ], "street" : "Clarence Ave", "zipcode" : "10465" }, "borough" : "Bronx", "cuisine" : "American ", "grade
s" : [ { "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("6205f7e5187f67307efb4932"), "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("6205f7e5187f67307efb494a"), "address" : { "building" : "72", "coord" : [ -73.92506, 40.8275556 ], "street" : "East  161 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "dat
e" : 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("2011-08-15T0
0:00:00Z"), "grade" : "C", "score" : 37 } ], "name" : "Yankee Tavern", "restaurant_id" : "40365499" }
{ "_id" : ObjectId("6205f7e5187f67307efb495d"), "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" : I
SODate("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("6205f7e5187f67307efb4976"), "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", "restaur
ant_id" : "40366497" }
{ "_id" : ObjectId("6205f7e5187f67307efb4981"), "address" : { "building" : "21", "coord" : [ -73.9168424, 40.8401362 ], "street" : "East  170 Street", "zipcode" : "10452" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "d
ate" : ISODate("2014-12-16T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2014-08-12T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODat
e("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-02-13T00:00:00Z"), "grade" : "B", "score" : 16 } ], "name" : "Munchtime", "rest
aurant_id" : "40366748" }
{ "_id" : ObjectId("6205f7e5187f67307efb4983"), "address" : { "building" : "4340", "coord" : [ -73.8194559, 40.8899176 ], "street" : "Boston Road", "zipcode" : "10475" }, "borough" : "Bronx", "cuisine" : "Pancakes/Waffles", "grades" : [
{ "date" : ISODate("2014-09-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2014-05-16T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-10-30T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISO
Date("2013-06-05T00:00:00Z"), "grade" : "B", "score" : 24 }, { "date" : ISODate("2012-05-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-04T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Ihop", "restaur
ant_id" : "40366833" }
{ "_id" : ObjectId("6205f7e5187f67307efb4988"), "address" : { "building" : "1191", "coord" : [ -73.8513114, 40.8316981 ], "street" : "Castle Hill Avenue", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "Café/Coffee/Tea", "grades
" : [ { "date" : ISODate("2014-07-03T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-07-08T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-02-11T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date
" : ISODate("2012-08-14T00:00:00Z"), "grade" : "B", "score" : 14 }, { "date" : ISODate("2011-08-23T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Lulu'S Coffee Shop", "restaurant_id" : "40366938" }
{ "_id" : ObjectId("6205f7e5187f67307efb498e"), "address" : { "building" : "2894", "coord" : [ -73.815175, 40.8137649 ], "street" : "Schurz Ave", "zipcode" : "10465" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "date"
: ISODate("2014-10-31T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-06-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("20
12-05-17T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "Marina Delray", "restaurant_id" : "40367161" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b3"), "address" : { "building" : "4280", "coord" : [ -73.86697, 40.89794699999999 ], "street" : "Katonah Ave", "zipcode" : "10470" }, "borough" : "Bronx", "cuisine" : "Not Listed/Not Applicable",
 "grades" : [ { "date" : ISODate("2014-06-04T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-07T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2012-06-27T00:00:00Z"), "grade" : "A", "score" : 2 }, {
 "date" : ISODate("2011-07-13T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "The Lark'S Nest", "restaurant_id" : "40367946" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b4"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "Café/Coffee/Tea", "grades
" : [ { "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-05-29T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-06-18T00:00:00Z"), "grade" : "A", "score" : 8 } ], "name"
: "Terrace Cafe", "restaurant_id" : "40368018" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b5"), "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" : ISODat
e("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "African Terrace", "restaurant_id" : "40368021" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b6"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [
{ "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-05-17T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : IS
ODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 5 } ], "name" : "Cool Zone", "restaurant_id" : "40368022" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b7"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [
{ "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-06-15T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : IS
ODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "Beaver Pond", "restaurant_id" : "40368025" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b8"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [
{ "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-05-28T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-06-18T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISOD
ate("2011-06-07T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "African Market (Baboon Cafe)", "restaurant_id" : "40368026" }
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
```

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



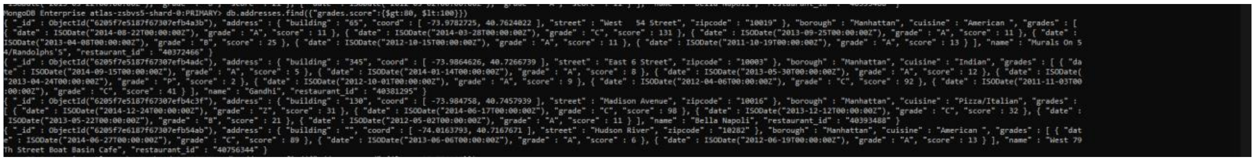
```
Command Prompt - mongo "mongodb+srv://madhu.ahgbp.mongodb.net/madhu" --username Madhu-Manepalli --password madhu
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"borough":"Bronx"}).limit(5).skip(5)
{ "_id" : ObjectId("6205f7e5187f67307efb491a"), "address" : { "building" : "658", "coord" : [ -73.81363999999999, 40.82941100000001 ], "street" : "Clarence Ave", "zipcode" : "10465" }, "borough" : "Bronx", "cuisine" : "American ", "grade
s" : [ { "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("6205f7e5187f67307efb4932"), "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("6205f7e5187f67307efb494a"), "address" : { "building" : "72", "coord" : [ -73.92506, 40.8275556 ], "street" : "East  161 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "dat
e" : 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("2011-08-15T0
0:00:00Z"), "grade" : "C", "score" : 37 } ], "name" : "Yankee Tavern", "restaurant_id" : "40365499" }
{ "_id" : ObjectId("6205f7e5187f67307efb495d"), "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" : I
SODate("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("6205f7e5187f67307efb4976"), "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", "restaur
ant_id" : "40366497" }
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"grades.score":{$gt:90}})
{ "_id" : ObjectId("6205f7e5187f67307efb4a3b"), "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 5
4/Randolphs'S", "restaurant_id" : "40372466" }
{ "_id" : ObjectId("6205f7e5187f67307efb4adc"), "address" : { "building" : "345", "coord" : [ -73.9864626, 40.7266739 ], "street" : "East 6 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Indian", "grades" : [ { "da
te" : 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("6205f7e5187f67307efb4c3f"), "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" }
```

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



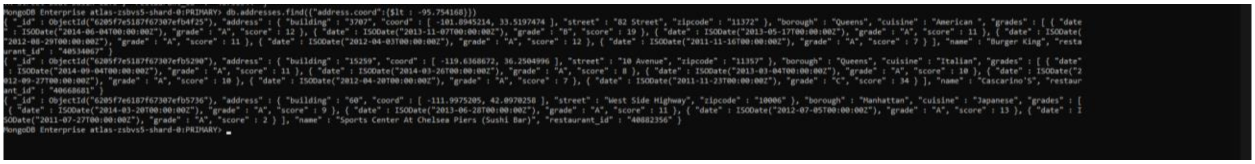
```
ant_id" : "40366497" }
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"grades.score":{$gt:90}})
{ "_id" : ObjectId("6205f7e5187f67307efb4a3b"), "address" : { "building" : "65", "coord" : [ -73.9782725, 40.7624022 ], "street" : "West   54 Street", "zipcode" : "10019" }, "borough" : "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 5
4/Randolphs'S", "restaurant_id" : "40372466" }
{ "_id" : ObjectId("6205f7e5187f67307efb4adc"), "address" : { "building" : "345", "coord" : [ -73.9864626, 40.7266739 ], "street" : "East 6 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Indian", "grades" : [ { "da
te" : 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("6205f7e5187f67307efb4c3f"), "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" }
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"grades.score":{$gt:80, $lt:100}})
{ "_id" : ObjectId("6205f7e5187f67307efb4a3b"), "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 5
4/Randolphs'S", "restaurant_id" : "40372466" }
{ "_id" : ObjectId("6205f7e5187f67307efb4adc"), "address" : { "building" : "345", "coord" : [ -73.9864626, 40.7266739 ], "street" : "East 6 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Indian", "grades" : [ { "da
te" : 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("6205f7e5187f67307efb4c3f"), "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("6205f7e6187f67307efb54ab"), "address" : { "building" : "", "coord" : [ -74.0163793, 40.7167671 ], "street" : "Hudson River", "zipcode" : "10282" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "dat
e" : 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 79
Th Street Boat Basin Cafe", "restaurant_id" : "40756344" }
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
```

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



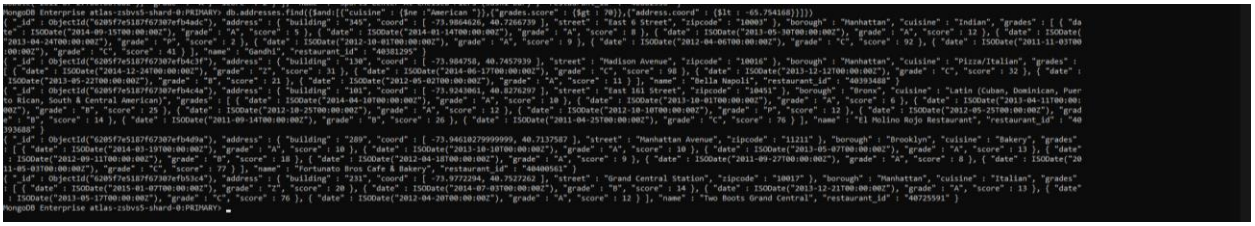
```
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"grades.score":{$gt:80, $lt:100}})
{ "_id" : ObjectId("6205f7e5187f67307efb4a3b"), "address" : { "building" : "65", "coord" : [ -73.9782725, 40.7624022 ], "street" : "West   54 Street", "zipcode" : "10019" }, "borough" : "Manhattan", "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 5
4/Randolphs'S", "restaurant_id" : "40372466" }
{ "_id" : ObjectId("6205f7e5187f67307efb4adc"), "address" : { "building" : "345", "coord" : [ -73.9864626, 40.7266739 ], "street" : "East 6 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Indian", "grades" : [ { "da
te" : 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("6205f7e5187f67307efb4c3f"), "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("6205f7e6187f67307efb54ab"), "address" : { "building" : "", "coord" : [ -74.0163793, 40.7167671 ], "street" : "Hudson River", "zipcode" : "10282" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "dat
e" : 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 79
Th Street Boat Basin Cafe", "restaurant_id" : "40756344" }
```

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



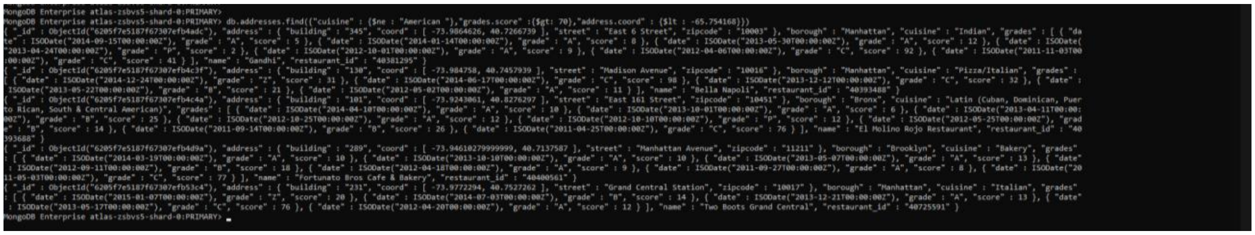
```
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"address.coord":{$lt : -95.754168}})
{ "_id" : ObjectId("6205f7e5187f67307efb4f25"), "address" : { "building" : "3707", "coord" : [ -101.8945214, 33.5197474 ], "street" : "82 Street", "zipcode" : "11372" }, "borough" : "Queens", "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", "resta
urant_id" : "40534067" }
{ "_id" : ObjectId("6205f7e5187f67307efb5290"), "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("2
012-09-27T00:00:00Z"), "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", "restaur
ant_id" : "40668681" }
{ "_id" : ObjectId("6205f7e6187f67307efb5736"), "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" : I
SODate("2011-07-27T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "Sports Center At Chelsea Piers (Sushi Bar)", "restaurant_id" : "40882356" }
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> _
```

11. 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.



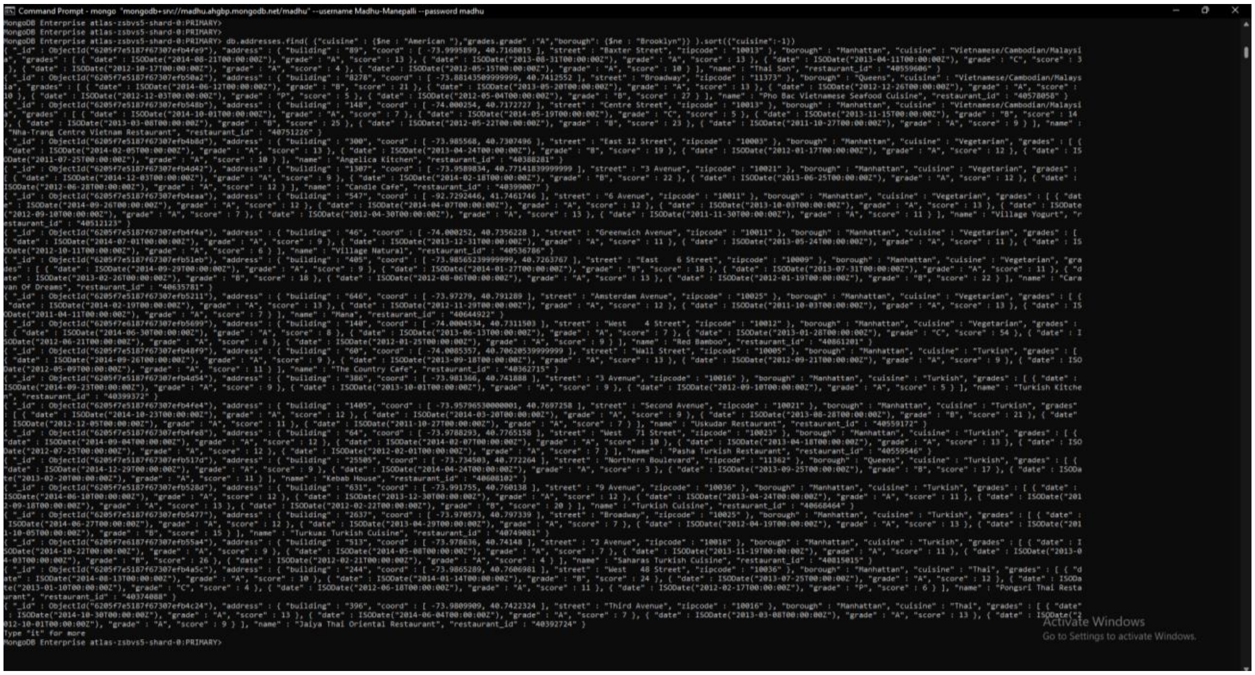
```
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({$and:[{"cuisine" : {$ne :"American "}},{"grades.score" : {$gt : 70}},{"address.coord" : {$lt : -65.754168}}]})
{ "_id" : ObjectId("6205f7e5187f67307efb4adc"), "address" : { "building" : "345", "coord" : [ -73.9864626, 40.7266739 ], "street" : "East 6 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Indian", "grades" : [ { "da
te" : 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("6205f7e5187f67307efb4c3f"), "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("6205f7e5187f67307efb4c4a"), "address" : { "building" : "101", "coord" : [ -73.9243061, 40.8276297 ], "street" : "East 161 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "Latin (Cuban, Dominican, Puer
to 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"), "grad
e" : "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" : "40
393688" }
{ "_id" : ObjectId("6205f7e5187f67307efb4d9a"), "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("20
11-05-03T00:00:00Z"), "grade" : "C", "score" : 77 } ], "name" : "Fortunato Bros Cafe & Bakery", "restaurant_id" : "40400561" }
{ "_id" : ObjectId("6205f7e5187f67307efb53c4"), "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" }
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> _
```

12. 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.



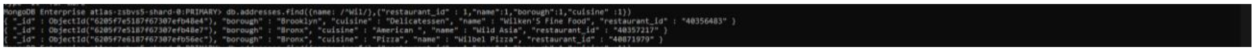
```
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"cuisine" : {$ne : "American "},"grades.score" :{$gt: 70},"address.coord" : {$lt : -65.754168}})
{ "_id" : ObjectId("6205f7e5187f67307efb4adc"), "address" : { "building" : "345", "coord" : [ -73.9864626, 40.7266739 ], "street" : "East 6 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Indian", "grades" : [ { "da
te" : 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("6205f7e5187f67307efb4c3f"), "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("6205f7e5187f67307efb4c4a"), "address" : { "building" : "101", "coord" : [ -73.9243061, 40.8276297 ], "street" : "East 161 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "Latin (Cuban, Dominican, Puer
to 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"), "grad
e" : "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" : "40
393688" }
{ "_id" : ObjectId("6205f7e5187f67307efb4d9a"), "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("20
11-05-03T00:00:00Z"), "grade" : "C", "score" : 77 } ], "name" : "Fortunato Bros Cafe & Bakery", "restaurant_id" : "40400561" }
{ "_id" : ObjectId("6205f7e5187f67307efb53c4"), "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" }
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> _
```

13. 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.


Command Prompt - mongo "mongodb+srv://madhu.ahgbp.mongodb.net/madhu" --username Madhu-Manepalli --password madhu
Activate Windows
Go to Settings to activate Windows.

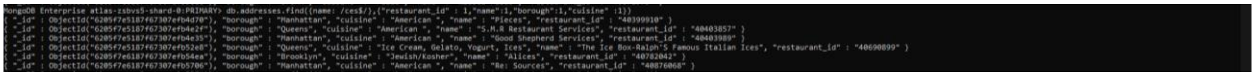
```
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find( {"cuisine" : {$ne : "American "},"grades.grade" :"A","borough": {$ne : "Brooklyn"}} ).sort({"cuisine":-1})
{ "_id" : ObjectId("6205f7e5187f67307efb4fe9"), "address" : { "building" : "89", "coord" : [ -73.9995899, 40.7168015 ], "street" : "Baxter Street", "zipcode" : "10013" }, "borough" : "Manhattan", "cuisine" : "Vietnamese/Cambodian/Malaysi
a", "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("6205f7e5187f67307efb50a2"), "address" : { "building" : "8278", "coord" : [ -73.88143509999999, 40.7412552 ], "street" : "Broadway", "zipcode" : "11373" }, "borough" : "Queens", "cuisine" : "Vietnamese/Cambodian/Malays
ia", "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("6205f7e5187f67307efb548b"), "address" : { "building" : "148", "coord" : [ -74.000254, 40.7172727 ], "street" : "Centre Street", "zipcode" : "10013" }, "borough" : "Manhattan", "cuisine" : "Vietnamese/Cambodian/Malaysi
a", "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("6205f7e5187f67307efb4b8d"), "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" : IS
ODate("2011-07-25T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Angelica Kitchen", "restaurant_id" : "40388281" }
{ "_id" : ObjectId("6205f7e5187f67307efb4d42"), "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("6205f7e5187f67307efb4eaa"), "address" : { "building" : "547", "coord" : [ -92.7292446, 41.7461746 ], "street" : "6 Avenue", "zipcode" : "10011" }, "borough" : "Manhattan", "cuisine" : "Vegetarian", "grades" : [ { "dat
e" : 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", "r
estaurant_id" : "40512123" }
{ "_id" : ObjectId("6205f7e5187f67307efb4f4a"), "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" : IS
ODate("2012-10-11T00:00:00Z"), "grade" : "A", "score" : 6 } ], "name" : "Village Natural", "restaurant_id" : "40536786" }
{ "_id" : ObjectId("6205f7e5187f67307efb51eb"), "address" : { "building" : "405", "coord" : [ -73.98565239999999, 40.7263767 ], "street" : "East    6 Street", "zipcode" : "10009" }, "borough" : "Manhattan", "cuisine" : "Vegetarian", "gra
des" : [ { "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 }, { "d
ate" : 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" : "Cara
van Of Dreams", "restaurant_id" : "40635781" }
{ "_id" : ObjectId("6205f7e5187f67307efb5211"), "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" : IS
ODate("2011-04-11T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Mana", "restaurant_id" : "40644922" }
{ "_id" : ObjectId("6205f7e6187f67307efb5699"), "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" : I
SODate("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("6205f7e5187f67307efb48f9"), "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" : ISO
Date("2012-05-09T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "The Country Cafe", "restaurant_id" : "40362715" }
{ "_id" : ObjectId("6205f7e5187f67307efb4d54"), "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 Kitche
n", "restaurant_id" : "40399372" }
{ "_id" : ObjectId("6205f7e5187f67307efb4fe4"), "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("6205f7e5187f67307efb4fe8"), "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" : ISO
Date("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("6205f7e5187f67307efb517d"), "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" : ISODa
te("2013-02-20T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Kebab House", "restaurant_id" : "40608102" }
{ "_id" : ObjectId("6205f7e5187f67307efb528d"), "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("201
2-09-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-02-22T00:00:00Z"), "grade" : "B", "score" : 20 } ], "name" : "Turkish Cuisine", "restaurant_id" : "40668464" }
{ "_id" : ObjectId("6205f7e5187f67307efb5477"), "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("201
1-10-05T00:00:00Z"), "grade" : "B", "score" : 15 } ], "name" : "Turkuaz Turkish Cuisine", "restaurant_id" : "40749081" }
{ "_id" : ObjectId("6205f7e6187f67307efb55a4"), "address" : { "building" : "513", "coord" : [ -73.978636, 40.74148 ], "street" : "2 Avenue", "zipcode" : "10016" }, "borough" : "Manhattan", "cuisine" : "Turkish", "grades" : [ { "date" : I
SODate("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("2013-0
4-03T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2012-02-21T00:00:00Z"), "grade" : "A", "score" : 4 } ], "name" : "Saharas Turkish Cuisine", "restaurant_id" : "40815015" }
{ "_id" : ObjectId("6205f7e5187f67307efb4a5c"), "address" : { "building" : "244", "coord" : [ -73.9865289, 40.7606981 ], "street" : "West   48 Street", "zipcode" : "10036" }, "borough" : "Manhattan", "cuisine" : "Thai", "grades" : [ { "d
ate" : 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" : ISODa
te("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 Resta
urant", "restaurant_id" : "40374088" }
{ "_id" : ObjectId("6205f7e5187f67307efb4c24"), "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("2
012-10-01T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Jaiya Thai Oriental Restaurant", "restaurant_id" : "40392724" }
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
```

14. 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.



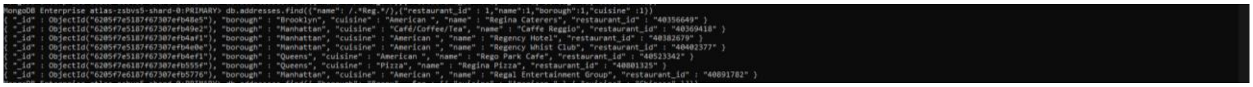
```
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({name: /^Wil/},{"restaurant_id" : 1,"name":1,"borough":1,"cuisine" :1})
{ "_id" : ObjectId("6205f7e5187f67307efb48e4"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e7"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant_id" : "40357217" }
{ "_id" : ObjectId("6205f7e6187f67307efb56ec"), "borough" : "Bronx", "cuisine" : "Pizza", "name" : "Wilbel Pizza", "restaurant_id" : "40871979" }
```

15. 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.



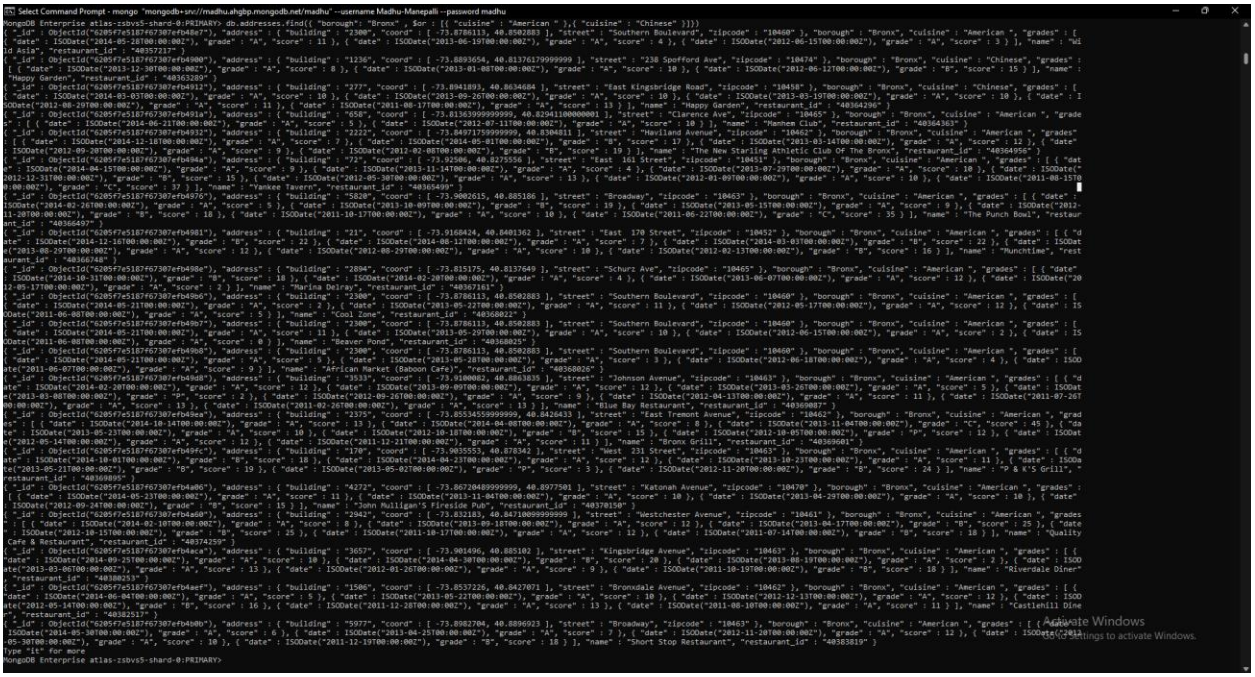
```
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({name: /ces$/},{"restaurant_id" : 1,"name":1,"borough":1,"cuisine" :1})
{ "_id" : ObjectId("6205f7e5187f67307efb4d70"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Pieces", "restaurant_id" : "40399910" }
{ "_id" : ObjectId("6205f7e5187f67307efb4e2f"), "borough" : "Queens", "cuisine" : "American ", "name" : "S.M.R Restaurant Services", "restaurant_id" : "40403857" }
{ "_id" : ObjectId("6205f7e5187f67307efb4e35"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Good Shepherd Services", "restaurant_id" : "40403989" }
{ "_id" : ObjectId("6205f7e5187f67307efb52e8"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "The Ice Box-Ralph'S Famous Italian Ices", "restaurant_id" : "40690899" }
{ "_id" : ObjectId("6205f7e6187f67307efb54ea"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Alices", "restaurant_id" : "40782042" }
{ "_id" : ObjectId("6205f7e6187f67307efb5706"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Re: Sources", "restaurant_id" : "40876068" }
```

16. 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.



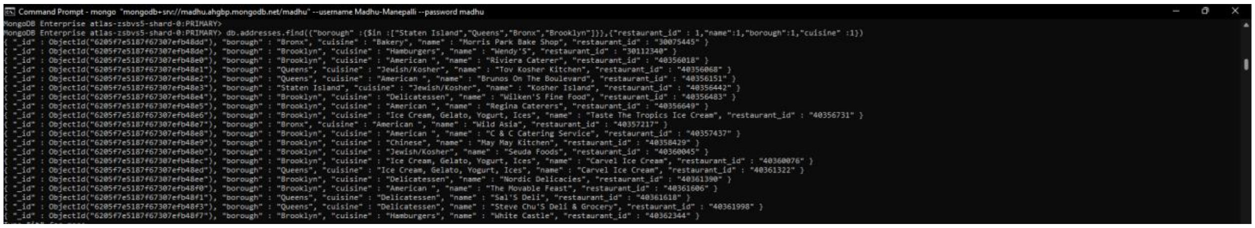
```
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"name": /.*Reg.*/},{"restaurant_id" : 1,"name":1,"borough":1,"cuisine" :1})
{ "_id" : ObjectId("6205f7e5187f67307efb48e5"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant_id" : "40356649" }
{ "_id" : ObjectId("6205f7e5187f67307efb49e2"), "borough" : "Manhattan", "cuisine" : "Café/Coffee/Tea", "name" : "Caffe Reggio", "restaurant_id" : "40369418" }
{ "_id" : ObjectId("6205f7e5187f67307efb4af1"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Regency Hotel", "restaurant_id" : "40382679" }
{ "_id" : ObjectId("6205f7e5187f67307efb4e0e"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Regency Whist Club", "restaurant_id" : "40402377" }
{ "_id" : ObjectId("6205f7e5187f67307efb4ef1"), "borough" : "Queens", "cuisine" : "American ", "name" : "Rego Park Cafe", "restaurant_id" : "40523342" }
{ "_id" : ObjectId("6205f7e6187f67307efb555f"), "borough" : "Queens", "cuisine" : "Pizza", "name" : "Regina Pizza", "restaurant_id" : "40801325" }
{ "_id" : ObjectId("6205f7e6187f67307efb5776"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Regal Entertainment Group", "restaurant_id" : "40891782" }
```

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



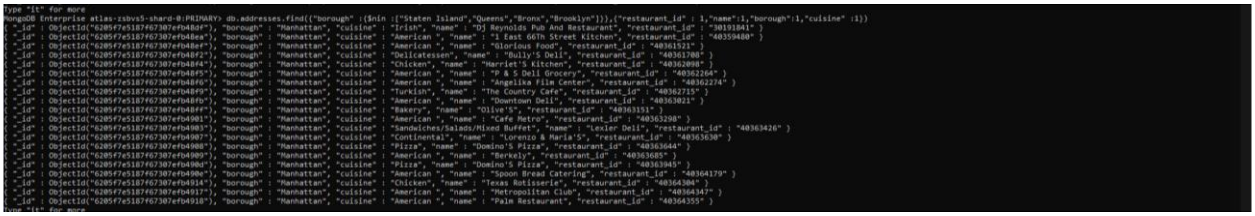
```
Select Command Prompt - mongo  "mongodb+srv://madhu.ahgbp.mongodb.net/madhu" --username Madhu-Manepalli --password madhu
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({ "borough": "Bronx" , $or : [{ "cuisine" : "American " },{ "cuisine" : "Chinese" }]})
{ "_id" : ObjectId("6205f7e5187f67307efb48e7"), "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" : "Wi
ld Asia", "restaurant_id" : "40357217" }
{ "_id" : ObjectId("6205f7e5187f67307efb4900"), "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("6205f7e5187f67307efb4912"), "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" : I
SODate("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("6205f7e5187f67307efb491a"), "address" : { "building" : "658", "coord" : [ -73.81363999999999, 40.82941100000001 ], "street" : "Clarence Ave", "zipcode" : "10465" }, "borough" : "Bronx", "cuisine" : "American ", "grade
s" : [ { "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("6205f7e5187f67307efb4932"), "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("6205f7e5187f67307efb494a"), "address" : { "building" : "72", "coord" : [ -73.92506, 40.8275556 ], "street" : "East  161 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "dat
e" : 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("2011-08-15T0
0:00:00Z"), "grade" : "C", "score" : 37 } ], "name" : "Yankee Tavern", "restaurant_id" : "40365499" }
{ "_id" : ObjectId("6205f7e5187f67307efb4976"), "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", "restaur
ant_id" : "40366497" }
{ "_id" : ObjectId("6205f7e5187f67307efb4981"), "address" : { "building" : "21", "coord" : [ -73.9168424, 40.8401362 ], "street" : "East  170 Street", "zipcode" : "10452" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "d
ate" : ISODate("2014-12-16T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2014-08-12T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODat
e("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-02-13T00:00:00Z"), "grade" : "B", "score" : 16 } ], "name" : "Munchtime", "rest
aurant_id" : "40366748" }
{ "_id" : ObjectId("6205f7e5187f67307efb498e"), "address" : { "building" : "2894", "coord" : [ -73.815175, 40.8137649 ], "street" : "Schurz Ave", "zipcode" : "10465" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "date"
: ISODate("2014-10-31T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-06-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("20
12-05-17T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "Marina Delray", "restaurant_id" : "40367161" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b6"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [
{ "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-05-17T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : IS
ODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 5 } ], "name" : "Cool Zone", "restaurant_id" : "40368022" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b7"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [
{ "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-06-15T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : IS
ODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "Beaver Pond", "restaurant_id" : "40368025" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b8"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [
{ "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-05-28T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-06-18T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISOD
ate("2011-06-07T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "African Market (Baboon Cafe)", "restaurant_id" : "40368026" }
{ "_id" : ObjectId("6205f7e5187f67307efb49d8"), "address" : { "building" : "3533", "coord" : [ -73.9100082, 40.8863835 ], "street" : "Johnson Avenue", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "d
ate" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-09-09T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-03-26T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODat
e("2013-03-08T00:00:00Z"), "grade" : "P", "score" : 2 }, { "date" : ISODate("2012-09-26T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-07-26T
00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-02-26T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Blue Bay Restaurant", "restaurant_id" : "40369087" }
{ "_id" : ObjectId("6205f7e5187f67307efb49ea"), "address" : { "building" : "2375", "coord" : [ -73.85534559999999, 40.8426433 ], "street" : "East Tremont Avenue", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "American ", "grad
es" : [ { "date" : ISODate("2014-10-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2014-04-08T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-11-04T00:00:00Z"), "grade" : "C", "score" : 45 }, { "da
te" : ISODate("2013-05-23T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-10-18T00:00:00Z"), "grade" : "B", "score" : 15 }, { "date" : ISODate("2012-10-05T00:00:00Z"), "grade" : "P", "score" : 12 }, { "date" : ISODat
e("2012-05-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-12-21T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Bronx Grill", "restaurant_id" : "40369601" }
{ "_id" : ObjectId("6205f7e5187f67307efb49fc"), "address" : { "building" : "170", "coord" : [ -73.9035553, 40.878342 ], "street" : "West  231 Street", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "d
ate" : ISODate("2014-10-01T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2014-04-23T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-10-23T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODa
te("2013-05-21T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2013-05-02T00:00:00Z"), "grade" : "P", "score" : 3 }, { "date" : ISODate("2012-11-20T00:00:00Z"), "grade" : "B", "score" : 24 } ], "name" : "P & K'S Grill", "
restaurant_id" : "40369895" }
{ "_id" : ObjectId("6205f7e5187f67307efb4a06"), "address" : { "building" : "4272", "coord" : [ -73.86720489999999, 40.8977501 ], "street" : "Katonah Avenue", "zipcode" : "10470" }, "borough" : "Bronx", "cuisine" : "American ", "grades" :
 [ { "date" : ISODate("2014-05-23T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-11-04T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-04-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date"
: ISODate("2012-09-24T00:00:00Z"), "grade" : "B", "score" : 15 } ], "name" : "John Mulligan'S Fireside Pub", "restaurant_id" : "40370150" }
{ "_id" : ObjectId("6205f7e5187f67307efb4a60"), "address" : { "building" : "2942", "coord" : [ -73.832183, 40.84710099999999 ], "street" : "Westchester Avenue", "zipcode" : "10461" }, "borough" : "Bronx", "cuisine" : "American ", "grades
" : [ { "date" : ISODate("2014-02-10T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-09-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-17T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date
" : ISODate("2012-10-15T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date" : ISODate("2011-10-17T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-07-14T00:00:00Z"), "grade" : "B", "score" : 18 } ], "name" : "Quality
 Cafe & Restaurant", "restaurant_id" : "40374259" }
{ "_id" : ObjectId("6205f7e5187f67307efb4aca"), "address" : { "building" : "3657", "coord" : [ -73.901496, 40.885102 ], "street" : "Kingsbridge Avenue", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ {
"date" : ISODate("2014-09-25T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-04-30T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2013-08-19T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISOD
ate("2013-03-06T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-26T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-10-19T00:00:00Z"), "grade" : "B", "score" : 18 } ], "name" : "Riverdale Diner"
, "restaurant_id" : "40380253" }
{ "_id" : ObjectId("6205f7e5187f67307efb4aef"), "address" : { "building" : "1506", "coord" : [ -73.8537226, 40.8427071 ], "street" : "Bronxdale Avenue", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ {
"date" : ISODate("2014-06-04T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-12-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISOD
ate("2012-05-14T00:00:00Z"), "grade" : "B", "score" : 16 }, { "date" : ISODate("2011-12-28T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-08-10T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Castlehill Dine
r", "restaurant_id" : "40382517" }
{ "_id" : ObjectId("6205f7e5187f67307efb4b0b"), "address" : { "building" : "5977", "coord" : [ -73.8982704, 40.8896923 ], "street" : "Broadway", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "date" :
 ISODate("2014-05-30T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-04-25T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-11-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013
-05-30T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-12-19T00:00:00Z"), "grade" : "B", "score" : 18 } ], "name" : "Short Stop Restaurant", "restaurant_id" : "40383819" }
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
```

18. 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.



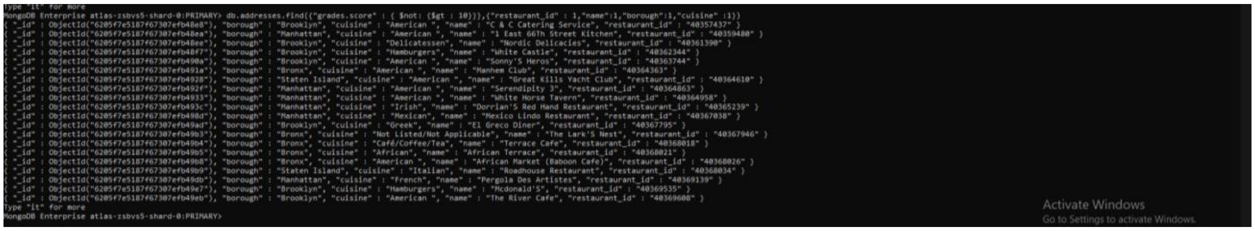
```
Command Prompt - mongo  "mongodb+srv://madhu.ahgbp.mongodb.net/madhu" --username Madhu-Manepalli --password madhu
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"borough" :{$in :["Staten Island","Queens","Bronx","Brooklyn"]}},{"restaurant_id" : 1,"name":1,"borough":1,"cuisine" :1})
{ "_id" : ObjectId("6205f7e5187f67307efb48dd"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
{ "_id" : ObjectId("6205f7e5187f67307efb48de"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant_id" : "30112340" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e0"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer", "restaurant_id" : "40356018" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e1"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e2"), "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e3"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant_id" : "40356442" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e4"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e5"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant_id" : "40356649" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e6"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e7"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant_id" : "40357217" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e8"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant_id" : "40357437" }
{ "_id" : ObjectId("6205f7e5187f67307efb48e9"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant_id" : "40358429" }
{ "_id" : ObjectId("6205f7e5187f67307efb48eb"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant_id" : "40360045" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ec"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40360076" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ed"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40361322" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ee"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f0"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "The Movable Feast", "restaurant_id" : "40361606" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f1"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Sal'S Deli", "restaurant_id" : "40361618" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f3"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant_id" : "40361998" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f7"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle", "restaurant_id" : "40362344" }
```

19. 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.



```
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"borough" :{$nin :["Staten Island","Queens","Bronx","Brooklyn"]}},{"restaurant_id" : 1,"name":1,"borough":1,"cuisine" :1})
{ "_id" : ObjectId("6205f7e5187f67307efb48df"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ea"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant_id" : "40359480" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ef"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Glorious Food", "restaurant_id" : "40361521" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f2"), "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully'S Deli", "restaurant_id" : "40361708" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f4"), "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet'S Kitchen", "restaurant_id" : "40362098" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f5"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "P & S Deli Grocery", "restaurant_id" : "40362264" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f6"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Angelika Film Center", "restaurant_id" : "40362274" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f9"), "borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe", "restaurant_id" : "40362715" }
{ "_id" : ObjectId("6205f7e5187f67307efb48fb"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Downtown Deli", "restaurant_id" : "40363021" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ff"), "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Olive'S", "restaurant_id" : "40363151" }
{ "_id" : ObjectId("6205f7e5187f67307efb4901"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Cafe Metro", "restaurant_id" : "40363298" }
{ "_id" : ObjectId("6205f7e5187f67307efb4903"), "borough" : "Manhattan", "cuisine" : "Sandwiches/Salads/Mixed Buffet", "name" : "Lexler Deli", "restaurant_id" : "40363426" }
{ "_id" : ObjectId("6205f7e5187f67307efb4907"), "borough" : "Manhattan", "cuisine" : "Continental", "name" : "Lorenzo & Maria'S", "restaurant_id" : "40363630" }
{ "_id" : ObjectId("6205f7e5187f67307efb4908"), "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza", "restaurant_id" : "40363644" }
{ "_id" : ObjectId("6205f7e5187f67307efb4909"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Berkely", "restaurant_id" : "40363685" }
{ "_id" : ObjectId("6205f7e5187f67307efb490d"), "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza", "restaurant_id" : "40363945" }
{ "_id" : ObjectId("6205f7e5187f67307efb490e"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Spoon Bread Catering", "restaurant_id" : "40364179" }
{ "_id" : ObjectId("6205f7e5187f67307efb4914"), "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Texas Rotisserie", "restaurant_id" : "40364304" }
{ "_id" : ObjectId("6205f7e5187f67307efb4917"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Metropolitan Club", "restaurant_id" : "40364347" }
{ "_id" : ObjectId("6205f7e5187f67307efb4918"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Palm Restaurant", "restaurant_id" : "40364355" }
Type "it" for more
```

20. 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.



```
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY> db.addresses.find({"grades.score" : { $not: {$gt : 10}}},{"restaurant_id" : 1,"name":1,"borough":1,"cuisine" :1})
{ "_id" : ObjectId("6205f7e5187f67307efb48e8"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "C & C Catering Service", "restaurant_id" : "40357437" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ea"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "1 East 66Th Street Kitchen", "restaurant_id" : "40359480" }
{ "_id" : ObjectId("6205f7e5187f67307efb48ee"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }
{ "_id" : ObjectId("6205f7e5187f67307efb48f7"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle", "restaurant_id" : "40362344" }
{ "_id" : ObjectId("6205f7e5187f67307efb490a"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Sonny'S Heros", "restaurant_id" : "40363744" }
{ "_id" : ObjectId("6205f7e5187f67307efb491a"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Manhem Club", "restaurant_id" : "40364363" }
{ "_id" : ObjectId("6205f7e5187f67307efb4928"), "borough" : "Staten Island", "cuisine" : "American ", "name" : "Great Kills Yacht Club", "restaurant_id" : "40364610" }
{ "_id" : ObjectId("6205f7e5187f67307efb492f"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "Serendipity 3", "restaurant_id" : "40364863" }
{ "_id" : ObjectId("6205f7e5187f67307efb4933"), "borough" : "Manhattan", "cuisine" : "American ", "name" : "White Horse Tavern", "restaurant_id" : "40364958" }
{ "_id" : ObjectId("6205f7e5187f67307efb493c"), "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dorrian'S Red Hand Restaurant", "restaurant_id" : "40365239" }
{ "_id" : ObjectId("6205f7e5187f67307efb498d"), "borough" : "Manhattan", "cuisine" : "Mexican", "name" : "Mexico Lindo Restaurant", "restaurant_id" : "40367038" }
{ "_id" : ObjectId("6205f7e5187f67307efb49ad"), "borough" : "Brooklyn", "cuisine" : "Greek", "name" : "El Greco Diner", "restaurant_id" : "40367795" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b3"), "borough" : "Bronx", "cuisine" : "Not Listed/Not Applicable", "name" : "The Lark'S Nest", "restaurant_id" : "40367946" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b4"), "borough" : "Bronx", "cuisine" : "Café/Coffee/Tea", "name" : "Terrace Cafe", "restaurant_id" : "40368018" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b5"), "borough" : "Bronx", "cuisine" : "African", "name" : "African Terrace", "restaurant_id" : "40368021" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b8"), "borough" : "Bronx", "cuisine" : "American ", "name" : "African Market (Baboon Cafe)", "restaurant_id" : "40368026" }
{ "_id" : ObjectId("6205f7e5187f67307efb49b9"), "borough" : "Staten Island", "cuisine" : "Italian", "name" : "Roadhouse Restaurant", "restaurant_id" : "40368034" }
{ "_id" : ObjectId("6205f7e5187f67307efb49db"), "borough" : "Manhattan", "cuisine" : "French", "name" : "Pergola Des Artistes", "restaurant_id" : "40369139" }
{ "_id" : ObjectId("6205f7e5187f67307efb49e7"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Mcdonald'S", "restaurant_id" : "40369535" }
{ "_id" : ObjectId("6205f7e5187f67307efb49eb"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "The River Cafe", "restaurant_id" : "40369608" }
Type "it" for more
MongoDB Enterprise atlas-zsbvs5-shard-0:PRIMARY>
```