

```
logonID Enterprise all-site-afvfr6-shed-0:PRIMARYDB.ad.addresses.find(
  "id": "ObjectID(60aa18613bb922388d56f5b)", "address": { "building": "1807", "coord": { "-73.856977, 40.848447", "street": "Morris Park Ave", "zipcode": "10462", "borough": "Bronx", "cuisine": "Bake"}, "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": 9 }, { "date": ISOdate("2012-03-10T00:00:00Z", "grade": "B", "score": 14 } ], "name": "Morris Park Bake Shop", "restaurant_id": "3807545" },
  "id": "ObjectID(60aa18613bb922388d56f5b)", "address": { "building": "469", "coord": { "-73.961704, 40.662942", "street": "Flatbush Avenue", "zipcode": "11225", "borough": "Brooklyn", "cuisine": "Ma"}, "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": 10 }, { "date": ISOdate("2012-03-10T00:00:00Z", "grade": "A", "score": 12 } ], "name": "Flatbush Avenue Restaurant", "restaurant_id": "3807545" },
  "id": "ObjectID(60aa18613bb922388d56f5c)", "address": { "building": "351", "coord": { "-73.98515599999999, 40.767619", "street": "West 57 Street", "zipcode": "10019", "borough": "Manhattan", "cuisine": "Irish"}, "grades": [ { "date": ISOdate("2014-06-07T00:00:00Z", "grade": "A", "score": 2 }, { "date": ISOdate("2013-07-27T00:00:00Z", "grade": "A", "score": 11 }, { "date": ISOdate("2012-07-31T00:00:00Z", "grade": "A", "score": 12 }, { "date": ISOdate("2012-03-10T00:00:00Z", "grade": "A", "score": 20 } ], "name": "Reynolds Park Restaurant", "restaurant_id": "3807545" },
  "id": "ObjectID(60aa18613bb922388d56f5d)", "address": { "building": "780", "coord": { "-73.98241999999999, 40.759565", "street": "East 112th Avenue", "zipcode": "11224", "borough": "Brooklyn", "cuisine": "American"}, "grades": [ { "date": ISOdate("2014-06-10T00:00:00Z", "grade": "A", "score": 5 }, { "date": ISOdate("2013-06-05T00:00:00Z", "grade": "A", "score": 7 }, { "date": ISOdate("2012-04-13T00:00:00Z", "grade": "A", "score": 12 }, { "date": ISOdate("2011-12-10T00:00:00Z", "grade": "B", "score": 20 }, { "date": ISOdate("2011-03-07T00:00:00Z", "grade": "A", "score": 12 } ], "name": "Riviera Caterers", "restaurant_id": "40356018" },
  "id": "ObjectID(60aa18613bb922388d56f5e)", "address": { "building": "8025", "coord": { "-73.880387, 40.764131", "street": "Astoria Boulevard", "zipcode": "11369", "borough": "Queens", "cuisine": "Jewish/K"}, "grades": [ { "date": ISOdate("2014-11-24T00:00:00Z", "grade": "Z", "score": 20 }, { "date": ISOdate("2013-01-17T00:00:00Z", "grade": "A", "score": 11 }, { "date": ISOdate("2012-08-07T00:00:00Z", "grade": "A", "score": 13 }, { "date": ISOdate("2011-12-15T00:00:00Z", "grade": "B", "score": 25 } ], "name": "Tov Kosher Kitchen", "restaurant_id": "40356048" },
  "id": "ObjectID(60aa18613bb922388d56f5f)", "address": { "building": "8025", "coord": { "-73.880387, 40.764131", "street": "Astoria Boulevard", "zipcode": "11369", "borough": "Queens", "cuisine": "American"}, "grades": [ { "date": ISOdate("2014-11-24T00:00:00Z", "grade": "Z", "score": 20 }, { "date": ISOdate("2013-01-17T00:00:00Z", "grade": "A", "score": 10 }, { "date": ISOdate("2012-08-07T00:00:00Z", "grade": "A", "score": 7 }, { "date": ISOdate("2011-12-15T00:00:00Z", "grade": "B", "score": 13 } ], "name": "Brunos On The Boulevard", "restaurant_id": "40356151" },
  "id": "ObjectID(60aa18613bb922388d56f60)", "address": { "building": "7206", "coord": { "-74.1377286, 40.619572", "street": "Victory Boulevard", "zipcode": "10314", "borough": "Staten Island", "cuisine": "Jewish/Kosher"}, "grades": [ { "date": ISOdate("2014-06-10T00:00:00Z", "grade": "A", "score": 12 }, { "date": ISOdate("2014-04-14T00:00:00Z", "grade": "A", "score": 12 }, { "date": ISOdate("2013-03-10T00:00:00Z", "grade": "A", "score": 9 }, { "date": ISOdate("2012-03-10T00:00:00Z", "grade": "A", "score": 12 } ], "name": "Kosherland", "restaurant_id": "40356442" },
  "id": "ObjectID(60aa18613bb922388d56f61)", "address": { "building": "7114", "coord": { "-73.9068506, 40.6199304", "street": "Avenue U", "zipcode": "11234", "borough": "Brooklyn", "cuisine": "Delica"}, "grades": [ { "date": ISOdate("2014-05-29T00:00:00Z", "grade": "A", "score": 10 }, { "date": ISOdate("2014-01-14T00:00:00Z", "grade": "A", "score": 10 }, { "date": ISOdate("2013-08-03T00:00:00Z", "grade": "A", "score": 13 }, { "date": ISOdate("2013-03-10T00:00:00Z", "grade": "A", "score": 9 }, { "date": ISOdate("2012-03-10T00:00:00Z", "grade": "A", "score": 10 } ], "name": "Wilken's Fine Food", "restaurant_id": "40356483" }
```

[illegible]

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({}, { _id: 0, 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 exclude the field _id for all the documents in the collections restaurants

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({}, {_id:0,name:1,borough:1,cuisine:1,"address.zipcode":1})
{"address": {"zipcode": "10462"}, "borough": "Bronx", "cuisine": "Bakery", "name": "Morris Park Bake Shop" }
{"address": {"zipcode": "11225"}, "borough": "Brooklyn", "cuisine": "Hamburgers", "name": "Wendy'S" }
{"address": {"zipcode": "10019"}, "borough": "Manhattan", "cuisine": "Irish", "name": "Dj Reynolds Pub And Restaurant" }
{"address": {"zipcode": "11224"}, "borough": "Brooklyn", "cuisine": "American ", "name": "Riviera Caterer" }
{"address": {"zipcode": "11374"}, "borough": "Queens", "cuisine": "Jewish/Kosher", "name": "Tov Kosher Kitchen" }
{"address": {"zipcode": "11369"}, "borough": "Queens", "cuisine": "American ", "name": "Brunos On The Boulevard" }
{"address": {"zipcode": "10314"}, "borough": "Staten Island", "cuisine": "Jewish/Kosher", "name": "Kosher Island" }
{"address": {"zipcode": "11234"}, "borough": "Brooklyn", "cuisine": "Delicatessen", "name": "Wilken'S Fine Food" }
{"address": {"zipcode": "11219"}, "borough": "Brooklyn", "cuisine": "American ", "name": "Regina Caterers" }
{"address": {"zipcode": "11226"}, "borough": "Brooklyn", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "name": "Taste The Tropics Ice Cream" }
{"address": {"zipcode": "10460"}, "borough": "Bronx", "cuisine": "American ", "name": "Wild Asia" }
{"address": {"zipcode": "11214"}, "borough": "Brooklyn", "cuisine": "American ", "name": "C & C Catering Service" }
{"address": {"zipcode": "11208"}, "borough": "Brooklyn", "cuisine": "Chinese", "name": "May May Kitchen" }
{"address": {"zipcode": "10065"}, "borough": "Manhattan", "cuisine": "American ", "name": "1 East 66Th Street Kitchen" }
{"address": {"zipcode": "11223"}, "borough": "Brooklyn", "cuisine": "Jewish/Kosher", "name": "Seuda Foods" }
{"address": {"zipcode": "11218"}, "borough": "Brooklyn", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "name": "Carvel Ice Cream" }
{"address": {"zipcode": "11004"}, "borough": "Queens", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "name": "Carvel Ice Cream" }
{"address": {"zipcode": "11209"}, "borough": "Brooklyn", "cuisine": "Delicatessen", "name": "Nordic Delicacies" }
{"address": {"zipcode": "10021"}, "borough": "Manhattan", "cuisine": "American ", "name": "Glorious Food" }
{"address": {"zipcode": "11215"}, "borough": "Brooklyn", "cuisine": "American ", "name": "The Movable Feast" }
Type "it" for more
```

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

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"borough":"Bronx"})
{"_id": ObjectId("60aa18613bb9e22388d56f5a"), "address": {"building": "1007", "coord": [ -73.856077, 40.848447 ], "street": "Morris Park Ave", "zipcode": "10462"}, "borough": "Bronx", "cuisine": "Bakery", "grades": [ { "date": ISODate("2014-03-03T00:00:00Z"), "grade": "A", "score": 2 }, { "date": ISODate("2013-09-11T00:00:00Z"), "grade": "A", "score": 6 }, { "date": ISODate("2013-01-24T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2011-11-23T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2011-03-10T00:00:00Z"), "grade": "B", "score": 14 } ], "name": "Morris Park Bake Shop", "restaurant_id": "28075445" }
{"_id": ObjectId("60aa18613bb9e22388d56f64"), "address": {"building": "2300", "coord": [ -73.8786113, 40.8502883 ], "street": "Southern Boulevard", "zipcode": "10460"}, "borough": "Bronx", "cuisine": "American ", "grades": [ { "date": ISODate("2014-05-28T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2013-06-19T00:00:00Z"), "grade": "A", "score": 4 }, { "date": ISODate("2012-06-15T00:00:00Z"), "grade": "A", "score": 3 } ], "name": "Wild Asia", "restaurant_id": "40357217" }
{"_id": ObjectId("60aa18613bb9e22388d56f79"), "address": {"building": "1000", "coord": [ -73.84856870000002, 40.8993781 ], "street": "East 233 Street", "zipcode": "10466"}, "borough": "Bronx", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "grades": [ { "date": ISODate("2014-04-24T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-09-05T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-02-11T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2012-07-03T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2011-07-11T00:00:00Z"), "grade": "A", "score": 5 } ], "name": "Carvel Ice Cream", "restaurant_id": "40363093" }
{"_id": ObjectId("60aa18613bb9e22388d56f7d"), "address": {"building": "1236", "coord": [ -73.8893654, 40.81367199999999 ], "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("60aa18613bb9e22388d56f8f"), "address": {"building": "277", "coord": [ -73.8941893, 40.8634684 ], "street": "East Kingsbridge Road", "zipcode": "10458"}, "borough": "Bronx", "cuisine": "Chinese", "grades": [ { "date": ISODate("2014-03-03T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-09-26T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-03-19T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2012-08-29T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2011-08-17T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "Happy Garden", "restaurant_id": "40364296" }
{"_id": ObjectId("60aa18613bb9e22388d56f97"), "address": {"building": "658", "coord": [ -73.81363999999999, 40.82941100000001 ], "street": "Clarence Ave", "zipcode": "10465"}, "borough": "Bronx", "cuisine": "American ", "grades": [ { "date": ISODate("2014-06-21T00:00:00Z"), "grade": "A", "score": 5 }, { "date": ISODate("2012-07-11T00:00:00Z"), "grade": "A", "score": 10 } ], "name": "Manhem Club", "restaurant_id": "40364363" }
{"_id": ObjectId("60aa18613bb9e22388d56f9a"), "address": {"building": "2222", "coord": [ -73.86971599999999, 40.8180411 ], "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("60aa18613bb9e22388d56fc7"), "address": {"building": "72", "coord": [ -73.92506, 40.8275556 ], "street": "East 161 Street", "zipcode": "10451"}, "borough": "Bronx", "cuisine": "American ", "grades": [ { "date": ISODate("2014-04-15T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2013-11-14T00:00:00Z"), "grade": "A", "score": 4 }, { "date": ISODate("2013-07-29T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2012-12-31T00:00:00Z"), "grade": "B", "score": 15 }, { "date": ISODate("2012-02-30T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-01-09T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2011-08-15T00:00:00Z"), "grade": "C", "score": 37 } ], "name": "Yankee Tavern", "restaurant_id": "40365499" }
{"_id": ObjectId("60aa18613bb9e22388d56fd4"), "address": {"building": "331", "coord": [ -73.87786539999999, 40.8724377 ], "street": "East 204 Street", "zipcode": "10467"}, "borough": "Bronx", "cuisine": "Irish", "grades": [ { "date": ISODate("2014-08-26T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2014-03-26T00:00:00Z"), "grade": "B", "score": 23 }, { "date": ISODate("2013-09-11T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-12-18T00:00:00Z"), "grade": "B", "score": 27 }, { "date": ISODate("2011-10-20T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "McDoyers Pub", "restaurant_id": "40365893" }
```

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

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"borough":"Bronx"}).limit(5)
{"_id": ObjectId("60aa18613bb9e22388d56f5a"), "address": {"building": "1007", "coord": [ -73.856077, 40.848447 ], "street": "Morris Park Ave", "zipcode": "10462"}, "borough": "Bronx", "cuisine": "Bakery", "grades": [ { "date": ISODate("2014-03-03T00:00:00Z"), "grade": "A", "score": 2 }, { "date": ISODate("2013-09-11T00:00:00Z"), "grade": "A", "score": 6 }, { "date": ISODate("2013-01-24T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2011-11-23T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2011-03-10T00:00:00Z"), "grade": "B", "score": 14 } ], "name": "Morris Park Bake Shop", "restaurant_id": "28075445" }
{"_id": ObjectId("60aa18613bb9e22388d56f64"), "address": {"building": "2300", "coord": [ -73.8786113, 40.8502883 ], "street": "Southern Boulevard", "zipcode": "10460"}, "borough": "Bronx", "cuisine": "American ", "grades": [ { "date": ISODate("2014-05-28T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2013-06-19T00:00:00Z"), "grade": "A", "score": 4 }, { "date": ISODate("2012-06-15T00:00:00Z"), "grade": "A", "score": 3 } ], "name": "Wild Asia", "restaurant_id": "40357217" }
{"_id": ObjectId("60aa18613bb9e22388d56f79"), "address": {"building": "1000", "coord": [ -73.84856870000002, 40.8993781 ], "street": "East 233 Street", "zipcode": "10466"}, "borough": "Bronx", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "grades": [ { "date": ISODate("2014-04-24T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-09-05T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-02-11T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2012-07-03T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2011-07-11T00:00:00Z"), "grade": "A", "score": 5 } ], "name": "Carvel Ice Cream", "restaurant_id": "40363093" }
{"_id": ObjectId("60aa18613bb9e22388d56f7d"), "address": {"building": "1236", "coord": [ -73.8893654, 40.81367199999999 ], "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("60aa18613bb9e22388d56f8f"), "address": {"building": "277", "coord": [ -73.8941893, 40.8634684 ], "street": "East Kingsbridge Road", "zipcode": "10458"}, "borough": "Bronx", "cuisine": "Chinese", "grades": [ { "date": ISODate("2014-03-03T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-09-26T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-03-19T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2012-08-29T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2011-08-17T00:00:00Z"), "grade": "A", "score": 13 } ], "name": "Happy Garden", "restaurant_id": "40364296" }
```

7) Write a MongoDB query to display the next 5 restaurant the borough Bronx

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"borough":"Bronx"}).skip(5).limit(5)
{"_id": "ObjectID('60aa18613bb9e22388d56f97')", "address": {"building": "658", "coord": [-73.81639999999999, 40.82841000000001], "street": "Clarence Ave", "zipcode": "10465"}, "borough": "Bronx", "cuisine": "American", "grades": [{"date": ISODate("2014-06-21T00:00:00Z"), "grade": "A", "score": 5}, {"date": ISODate("2012-07-11T00:00:00Z"), "grade": "A", "score": 10}], "name": "Manhzen Club", "restaurant_id": "40364363"}
{"_id": "ObjectID('60aa18613bb9e22388d56faf')", "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("2013-03-14T08:00:00Z"), "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('60aa18613bb9e22388d56fc7')", "address": {"building": "72", "coord": [-73.92506, 40.8275556], "street": "East 161 Street", "zipcode": "10451"}, "borough": "Bronx", "cuisine": "American", "grades": [{"date": ISODate("2014-04-15T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2013-11-14T00:00:00Z"), "grade": "A", "score": 4}, {"date": ISODate("2013-07-29T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2012-12-31T00:00:00Z"), "grade": "B", "score": 15}, {"date": ISODate("2012-05-30T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2012-01-09T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2011-08-15T00:00:00Z"), "grade": "C", "score": 37}], "name": "Mankee Tavern", "restaurant_id": "40365409"}
{"_id": "ObjectID('60aa18613bb9e22388d56fda')", "address": {"building": "331", "coord": [-73.87785399999999, 40.8724377], "street": "East 284 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("2013-09-11T00:09:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2012-12-18T00:00:00Z"), "grade": "B", "score": 27}, {"date": ISODate("2011-10-20T00:00:00Z"), "grade": "A", "score": 13}], "name": "McDoyers Pub", "restaurant_id": "40365803"}
{"_id": "ObjectID('60aa18613bb9e22388d56fc3')", "address": {"building": "5820", "coord": [-73.9802615, 40.885186], "street": "Broadway", "zipcode": "10463"}, "borough": "Bronx", "cuisine": "American", "grades": [{"date": ISODate("2014-02-26T00:00:00Z"), "grade": "A", "score": 5}, {"date": ISODate("2013-10-09T00:00:00Z"), "grade": "B", "score": 19}, {"date": ISODate("2013-05-15T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2012-11-20T00:00:00Z"), "grade": "B", "score": 18}, {"date": ISODate("2011-10-17T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2011-06-22T00:00:00Z"), "grade": "C", "score": 35}], "name": "The Punch Bowl", "restaurant_id": "40366497"}
```

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

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"grades.score":{"$gt":90}})
{"_id": "ObjectID('60aa18613bb9e22388d56b8a')", "address": {"building": "65", "coord": [-73.978725, 40.7648022], "street": "West 54 Street", "zipcode": "10019"}, "borough": "Manhattan", "cuisine": "American", "grades": [{"date": ISODate("2014-08-22T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2014-03-28T00:00:00Z"), "grade": "C", "score": 131}, {"date": ISODate("2013-09-25T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2013-04-08T00:00:00Z"), "grade": "B", "score": 25}, {"date": ISODate("2012-10-15T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2011-10-19T00:00:00Z"), "grade": "A", "score": 13}], "name": "Murals On 54/Randolphs'S", "restaurant_id": "40372466"}
{"_id": "ObjectID('60aa18613bb9e22388d57159')", "address": {"building": "345", "coord": [-73.9864626, 40.7266739], "street": "East 6 Street", "zipcode": "10003"}, "borough": "Manhattan", "cuisine": "Indian", "grades": [{"date": ISODate("2014-09-15T00:00:00Z"), "grade": "A", "score": 5}, {"date": ISODate("2014-01-14T00:00:00Z"), "grade": "A", "score": 8}, {"date": ISODate("2013-05-30T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2013-04-24T00:00:00Z"), "grade": "P", "score": 2}, {"date": ISODate("2012-10-01T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2012-04-06T00:00:00Z"), "grade": "C", "score": 92}, {"date": ISODate("2011-11-03T00:00:00Z"), "grade": "C", "score": 41}], "name": "Gandhi", "restaurant_id": "40381295"}
{"_id": "ObjectID('60aa18613bb9e22388d572bc')", "address": {"building": "130", "coord": [-73.984758, 40.7457939], "street": "Madison Avenue", "zipcode": "10016"}, "borough": "Manhattan", "cuisine": "Pizzeria/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"}
```

9) Write a MongoDB query to find the restaurants who achieved a score more than 80 but less than 100

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({'$and': {'grades.score':{'$gt':80},{'grades.score':{'$lt':100}}})
uncaught exception: SyntaxError: expected property name, got '{'
@shell:1:53
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({'$and': [{'grades.score':{'$gt':80},{'grades.score':{'$lt':100}}]})
{"_id": "ObjectID('60aa18613bb9e22388d5708a')", "address": {"building": "65", "coord": [-73.978725, 40.7648022], "street": "West 54 Street", "zipcode": "10019"}, "borough": "Manhattan", "cuisine": "American", "grades": [{"date": ISODate("2014-08-22T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2014-03-28T00:00:00Z"), "grade": "C", "score": 131}, {"date": ISODate("2013-09-25T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2013-04-08T00:00:00Z"), "grade": "B", "score": 25}, {"date": ISODate("2012-10-15T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2011-10-19T00:00:00Z"), "grade": "A", "score": 13}], "name": "Murals On 54/Randolphs'S", "restaurant_id": "40372466"}
{"_id": "ObjectID('60aa18613bb9e22388d57159')", "address": {"building": "345", "coord": [-73.9864626, 40.7266739], "street": "East 6 Street", "zipcode": "10003"}, "borough": "Manhattan", "cuisine": "Indian", "grades": [{"date": ISODate("2014-09-15T00:00:00Z"), "grade": "A", "score": 5}, {"date": ISODate("2014-01-14T00:00:00Z"), "grade": "A", "score": 8}, {"date": ISODate("2013-05-30T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2013-04-24T00:00:00Z"), "grade": "P", "score": 2}, {"date": ISODate("2012-10-01T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2012-04-06T00:00:00Z"), "grade": "C", "score": 92}, {"date": ISODate("2011-11-03T00:00:00Z"), "grade": "C", "score": 41}], "name": "Gandhi", "restaurant_id": "40381295"}
{"_id": "ObjectID('60aa18613bb9e22388d572bc')", "address": {"building": "130", "coord": [-73.984758, 40.7457939], "street": "Madison Avenue", "zipcode": "10016"}, "borough": "Manhattan", "cuisine": "Pizzeria/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('60aa18613bb9e22388d57b28')", "address": {"building": "", "coord": [-74.0163793, 40.7167671], "street": "Hudson River", "zipcode": "10282"}, "borough": "Manhattan", "cuisine": "American", "grades": [{"date": ISODate("2014-06-27T00:00:00Z"), "grade": "C", "score": 89}, {"date": ISODate("2013-06-06T00:00:00Z"), "grade": "A", "score": 6}, {"date": ISODate("2012-06-19T00:00:00Z"), "grade": "A", "score": 13}], "name": "West 79th Street Boat Basin Cafe", "restaurant_id": "40756344"}
```

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

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"address.coord":{"$lt":-95.754168}})
{"_id": "ObjectID('60aa18623bb9e22388d579a2')", "address": {"building": "7307", "coord": [-101.8945214, 33.5197474], "street": "82 Street", "zipcode": "11372"}, "borough": "Queens", "cuisine": "American", "grades": [{"date": ISODate("2014-06-04T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2013-11-07T00:00:00Z"), "grade": "B", "score": 19}, {"date": ISODate("2013-05-17T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2012-08-29T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2012-04-03T00:00:00Z"), "grade": "A", "score": 12}, {"date": ISODate("2011-11-16T00:00:00Z"), "grade": "A", "score": 7}], "name": "Burger King", "restaurant_id": "40534067"}
{"_id": "ObjectID('60aa18623bb9e22388d579bd')", "address": {"building": "15259", "coord": [-119.6368672, 36.2504096], "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": 0}, {"date": ISODate("2013-03-04T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2012-09-27T00:00:00Z"), "grade": "A", "score": 10}, {"date": ISODate("2012-04-20T00:00:00Z"), "grade": "A", "score": 7}, {"date": ISODate("2011-11-23T00:00:00Z"), "grade": "C", "score": 34}], "name": "Casciarino'S", "restaurant_id": "40668681"}
{"_id": "ObjectID('60aa18633bb9e22388d57db3')", "address": {"building": "60", "coord": [-111.9975205, 42.0970258], "street": "West Side Highway", "zipcode": "10006"}, "borough": "Manhattan", "cuisine": "Japanese", "grades": [{"date": ISODate("2014-03-26T00:00:00Z"), "grade": "A", "score": 9}, {"date": ISODate("2013-06-28T00:00:00Z"), "grade": "A", "score": 11}, {"date": ISODate("2012-07-05T00:00:00Z"), "grade": "A", "score": 13}, {"date": ISODate("2011-07-27T00:00:00Z"), "grade": "A", "score": 2}], "name": "Sports Center At Chelsea Piers (Sushi Bar)", "restaurant_id": "40882356"}
```


11) Write a MongoDB query to find the restaurants that latitude less than -65.754168.

```

mongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({'$and: [{'cuisine': {'$ne: "American"}}, {'grades.score': {'$gt: 70}}, {'address.coord': {'$lt: -65.754168}}]}).pretty()
{
  "_id" : ObjectId("60aa18613bb9e22388d570b8"),
  "address" : {
    "building" : "65",
    "coord" : [
      -73.9782725,
      40.7624022
    ],
    "street" : "West 54 Street",
    "zipcode" : "10019"
  },
  "borough" : "Manhattan",
  "cuisine" : "American ",
  "grades" : [
    {
      "date" : ISODate("2014-08-22T00:00:00Z"),
      "grade" : "A",
      "score" : 11
    },
    {
      "date" : ISODate("2014-03-28T00:00:00Z"),
      "grade" : "C",
      "score" : 131
    },
    {
      "date" : ISODate("2013-09-25T00:00:00Z"),
      "grade" : "A",
      "score" : 11
    },
    {
      "date" : ISODate("2013-04-08T00:00:00Z"),
      "grade" : "B",
      "score" : 25
    },
    {
      "date" : ISODate("2012-10-15T00:00:00Z"),
      "grade" : "A",
      "score" : 11
    },
    {
      "date" : ISODate("2011-10-19T00:00:00Z"),
      "grade" : "A",
      "score" : 13
    }
  ],
  "name" : "Murals On 54/Randolphs'S",
  "restaurant_id" : "40372466"
}

```

12) Write a MongoDB query to find the restaurants which longitude less than -65.754168.

```

{"_id": "ObjectID('60aa18623b9c2238857666')", "address": "(\"building\": \"89\", \"coord\": [ -73.9995899, 40.7168915 ], \"street\": \"Baxter Street\", \"zipcode\": \"10013\", \"borough\": \"Manhattan\", \"cuisine\": \"Vi  
etnamese(Cambodian/Malaysia)\", \"grades\": [ { \"date\": ISODate(\"2014-08-21T00:00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2013-08-31T00:00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate  
(\"2013-04-01T00:00:00Z\"), \"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 }, { \"nam  
e\": \"Thai\" } ]", "building": "89", "coord": [ -73.9995899, 40.7168915 ], "street": "Baxter Street", "zipcode": "10013", "borough": "Manhattan", "cuisine": "Vi  
etnamese(Cambodian/Malaysia)", "grades": [ { \"date\": ISODate(\"2014-08-21T00:00:00Z\"), \"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\": \"B\", \"score\": 5 }, { \"date\": ISODate(\"2012-05-04T00:00:00Z\"), \"grade\": \"B\", \"score\": 27 } ], \"name  
\": \"Pho Bac Vietnam Restaurant\", \"restaurant_id\": \"40951205\"},  
{"_id": "ObjectID('60aa18623b9c2238857666')", "address": "(\"building\": \"148\", \"coord\": [ -74.000254, 40.717277 ], \"street\": \"Centre Street\", \"zipcode\": \"10013\", \"borough\": \"Manhattan\", \"cuisine\": \"Vi  
etnamese(Cambodian/Malaysia)\", \"grades\": [ { \"date\": ISODate(\"2014-10-01T00:00:00Z\"), \"grade\": \"A\", \"score\": 7 }, { \"date\": ISODate(\"2014-05-19T00:00:00Z\"), \"grade\": \"C\", \"score\": 5 }, { \"date\": ISODate(\"  
2013-11-15T00:00:00Z\"), \"grade\": \"B\", \"score\": 14 }, { \"date\": ISODate(\"2013-03-08T00:00:00Z\"), \"grade\": \"B\", \"score\": 25 }, { \"date\": ISODate(\"2012-05-22T00:00:00Z\"), \"grade\": \"B\", \"score\": 23 }, { \"dat  
e\": ISODate(\"2012-01-27T00:00:00Z\"), \"grade\": \"A\", \"score\": 9 }, { \"name\": \"Mha Trang Centre Vietnam Restaurant\", \"restaurant_id\": \"40951205\" } ],  
{"_id": "ObjectID('60aa18623b9c2238857666')", "address": "(\"building\": \"148\", \"coord\": [ -74.000254, 40.717277 ], \"street\": \"Centre Street\", \"zipcode\": \"10013\", \"borough\": \"Manhattan\", \"cuisine\": \"Vi  
etnamese(Cambodian/Malaysia)\", \"grades\": [ { \"date\": ISODate(\"2014-02-05T00:00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2013-04-24T00:00:00Z\"), \"grade\": \"B\", \"score\": 10 }, { \"date\": ISODate(\"2012-01-17T00:00:  
00Z\"), \"grade\": \"A\", \"score\": 22 }, { \"date\": ISODate(\"2011-07-25T00:00:00Z\"), \"grade\": \"A\", \"score\": 10 }, { \"name\": \"Angelica Kitchen\", \"restaurant_id\": \"40388281\" } ],  
{"_id": "ObjectID('60aa18623b9c2238857666')", "address": "(\"building\": \"130\", \"coord\": [ -73.9588384, 40.724193999999999 ], \"street\": \"Avenue\", \"zipcode\": \"10021\", \"borough\": \"Manhattan\", \"cuisine\": \"  
Vietnamese(Cambodian/Malaysia)\", \"grades\": [ { \"date\": ISODate(\"2014-02-05T00:00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2013-02-08T00:00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2012-06-25T00:  
00:00Z\"), \"grade\": \"A\", \"score\": 12 }, { \"date\": ISODate(\"2012-06-27T00:00:00Z\"), \"grade\": \"A\", \"score\": 12 }, { \"name\": \"Candle Cafe\", \"restaurant_id\": \"40399607\" } ],  
{"_id": "ObjectID('60aa18623b9c2238857527')", "address": "(\"building\": \"547\", \"coord\": [ -72.922464, 41.7461746 ], \"street\": \"6 Avenue\", \"zipcode\": \"10011\", \"borough\": \"Manhattan\", \"cuisine\": \"Vegeta  
lian\", \"grades\": [ { \"date\": ISODate(\"2014-06-26T00:00:00Z\"), \"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\": 12 }, { \"date\": ISODate(\"2012-04-30T00:00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2011-11-03T00:00:00Z\"), \"grade\": \"A\", \"score\": 11 }, { \"name\": \"Village Yogurt\", \"restaurant_id\":  
\"40512123\" } ],  
{"_id": "ObjectID('60aa18623b9c2238857527')", "address": "(\"building\": \"46\", \"coord\": [ -74.000522, 40.7356228 ], \"street\": \"Greenwich Avenue\", \"zipcode\": \"10011\", \"borough\": \"Manhattan\", \"cuisine\": \"Vi  
etnamese(Cambodian/Malaysia)\", \"grades\": [ { \"date\": ISODate(\"2014-07-01T00:00:00Z\"), \"grade\": \"A\", \"score\": 9 }, { \"date\": ISODate(\"2013-12-31T00:00:00Z\"), \"grade\": \"A\", \"score\": 11 }, { \"date\": ISODate(\"2013-05-24T00:00:  
00Z\"), \"grade\": \"A\", \"score\": 11 }, { \"date\": ISODate(\"2012-10-17T00:00:00Z\"), \"grade\": \"A\", \"score\": 6 }, { \"name\": \"Village Universal\", \"restaurant_id\": \"40267605\" } ],  
{"_id": "ObjectID('60aa18623b9c2238857868')", "address": "(\"building\": \"405\", \"coord\": [ -73.956523999999999, 40.7263767 ], \"street\": \"East 6 Street\", \"zipcode\": \"10009\", \"borough\": \"Manhattan\", \"cui  
sine\": \"Vegetarian\", \"grades\": [ { \"date\": ISODate(\"2014-09-29T00:00:00Z\"), \"grade\": \"A\", \"score\": 9 }, { \"date\": ISODate(\"2014-01-27T00:00:00Z\"), \"grade\": \"B\", \"score\": 18 }, { \"date\": ISODate(\"2013-07-  
31T00:00:00Z\"), \"grade\": \"A\", \"score\": 11 }, { \"date\": ISODate(\"2013-02-06T00:00:00Z\"), \"grade\": \"B\", \"score\": 18 }, { \"date\": ISODate(\"2012-08-01T00:00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2012-07-03T00:  
00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"name\": \"East 6 Street\", \"restaurant_id\": \"40399607\" } ],  
{"_id": "ObjectID('60aa18623b9c223885788c')", "address": "(\"building\": \"646\", \"coord\": [ -73.97279, 40.71929 ], \"street\": \"Amsterdam Avenue\", \"zipcode\": \"10025\", \"borough\": \"Manhattan\", \"cuisine\": \"Vie  
tnamese(Cambodian/Malaysia)\", \"grades\": [ { \"date\": ISODate(\"2014-02-19T00:00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2012-11-29T00:00:00Z\"), \"grade\": \"A\", \"score\": 12 }, { \"date\": ISODate(\"2011-10-03T00:00:  
00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2011-04-11T00:00:00Z\"), \"grade\": \"A\", \"score\": 7 }, { \"name\": \"Mama\", \"restaurant_id\": \"4064922\" } ],  
{"_id": "ObjectID('60aa18623b9c223885788c')", "address": "(\"building\": \"646\", \"coord\": [ -73.97279, 40.71929 ], \"street\": \"Amsterdam Avenue\", \"zipcode\": \"10025\", \"borough\": \"Manhattan\", \"cuisine\": \"Vie  
tnamese(Cambodian/Malaysia)\", \"grades\": [ { \"date\": ISODate(\"2014-02-19T00:00:00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2012-11-29T00:00:00Z\"), \"grade\": \"A\", \"score\": 12 }, { \"date\": ISODate(\"2011-10-03T00:00:  
00Z\"), \"grade\": \"A\", \"score\": 13 }, { \"date\": ISODate(\"2011-04-11T00:00:00Z\"), \"grade\": \"A\", \"score\": 7 }, { \"name\": \"Mama\", \"restaurant_id\": \"4064922\" } ],  
{"_id": "ObjectID('60aa18623b9c223885788c')", "address": "(\"building\": \"386\", \"coord\": [ -73.981366, 40.741888 ], \"street\": \"3 Avenue\", \"zipcode\": \"10016\", \"borough\": \"Manhattan\", \"cuisine\": \"Turkish\"  
\", \"grades\": [ { \"date\": ISODate(\"2014-06-26T00:00:00Z\"), \"grade\": \"A\", \"score\": 8 }, { \"date\": ISODate(\"2014-06-27T00:00:00Z\"), \"grade\": \"A\", \"score\": 8 }, { \"date\": ISODate(\"2013-06-13T00:00:00Z\"), \"grade\": \"A\", \"score\": 7 }, { \"date\": ISODate(\"2013-01-28T00:00:  
00:00Z\"), \"grade\": \"C\", \"score\": 54 }, { \"date\": ISODate(\"2012-06-21T00:00:00Z\"), \"grade\": \"A\", \"score\": 6 }, { \"date\": ISODate(\"2012-01-25T00:00:00Z\"), \"grade\": \"A\", \"score\": 9 }, { \"name\": \"Red Bamboo  
\", \"restaurant_id\": \"40861201\" } ],  
{"_id": "ObjectID('60aa18623b9c2238857676')", "address": "(\"building\": \"60\", \"coord\": [ -74.008537, 40.762603999999999 ], \"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:  
00:00Z\"), \"grade\": \"A\", \"score\": 9 }, { \"date\": ISODate(\"2012-05-09T00:00:00Z\"), \"grade\": \"A\", \"score\": 11 }, { \"name\": \"The Country Cafe\", \"restaurant_id\": \"40632
```

13) Write a MongoDB query to find the restaurants which the cuisine in descending order.

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"name":{"regex:/Wil/}}, {_id:0, restaurant_id:1, name:1, borough:1})
{ "borough": "Brooklyn", "name": "Wilken'S Fine Food", "restaurant_id": "40356483" }
{ "borough": "Bronx", "name": "Wild Asia", "restaurant_id": "40357217" }
{ "borough": "Bronx", "name": "The Williamsbridge Tavern", "restaurant_id": "40852754" }
{ "borough": "Bronx", "name": "Wilbel Pizza", "restaurant_id": "40871979" }
```

14) Write a MongoDB query to contain 'Wil' as first three letters for its name.

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"name":{"regex:/.*ces$/}}, {_id:0, restaurant_id:1, name:1, borough:1, cuisine:1})
{ "borough": "Manhattan", "cuisine": "American", "name": "Pieces", "restaurant_id": "40399910" }
{ "borough": "Queens", "cuisine": "American", "name": "S.M.R Restaurant Services", "restaurant_id": "40403857" }
{ "borough": "Manhattan", "cuisine": "American", "name": "Good Shepherd Services", "restaurant_id": "40403989" }
{ "borough": "Queens", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "name": "The Ice Box-Ralph'S Famous Italian Ices", "restaurant_id": "40690899" }
{ "borough": "Brooklyn", "cuisine": "Jewish/Kosher", "name": "Alices", "restaurant_id": "40782042" }
{ "borough": "Manhattan", "cuisine": "American", "name": "Re: Sources", "restaurant_id": "40876068" }
```

15) Write a MongoDB query to contain 'ces' as last three letters for its name.

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"name":{"regex:/Reg/}}, {_id:0, restaurant_id:1, name:1, borough:1})
{ "borough": "Brooklyn", "name": "Regina Caterers", "restaurant_id": "40356649" }
{ "borough": "Manhattan", "name": "Caffe Reggio", "restaurant_id": "40369418" }
{ "borough": "Manhattan", "name": "Regency Hotel", "restaurant_id": "40382679" }
{ "borough": "Manhattan", "name": "Regency Whist Club", "restaurant_id": "40402377" }
{ "borough": "Queens", "name": "Rego Park Cafe", "restaurant_id": "40523342" }
{ "borough": "Queens", "name": "Regina Pizza", "restaurant_id": "40801325" }
{ "borough": "Manhattan", "name": "Regal Entertainment Group", "restaurant_id": "40891782" }
```

16) Write a MongoDB query to contain 'Reg' as three letters somewhere in its name.

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find((borough:"Bronx", cuisine:{$in:["Chinese","Irish"]}), {_id:0, name:1, restaurant_id:1, cuisine:1, borough:1})
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Happy Garden", "restaurant_id": "40363289" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Happy Garden", "restaurant_id": "40364296" }
{ "borough": "Bronx", "cuisine": "Irish", "name": "McDwyers Pub", "restaurant_id": "40365893" }
{ "borough": "Bronx", "cuisine": "Irish", "name": "Aqueduct North", "restaurant_id": "40379894" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "China Wok II", "restaurant_id": "40510328" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Dragon City", "restaurant_id": "40529203" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Hunan Balcomy", "restaurant_id": "40551996" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Great Wall Restaurant", "restaurant_id": "40552226" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Lucky House Restaurant", "restaurant_id": "40571587" }
{ "borough": "Bronx", "cuisine": "Irish", "name": "Shamrock Inn", "restaurant_id": "40572406" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "New Wah Kitchen", "restaurant_id": "40573101" }
{ "borough": "Bronx", "cuisine": "Irish", "name": "Behan'S Pub", "restaurant_id": "40675225" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "New Hing Restaurant", "restaurant_id": "40701165" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Hong Kong Restaurant", "restaurant_id": "40765358" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Kristy'S Restaurant", "restaurant_id": "40804049" }
{ "borough": "Bronx", "cuisine": "Irish", "name": "Boulevard Tavern", "restaurant_id": "40815627" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "East Dynasty", "restaurant_id": "40827529" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Lin Home Chinese Restaura", "restaurant_id": "40842437" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Peacock Restaurant", "restaurant_id": "40849313" }
{ "borough": "Bronx", "cuisine": "Chinese", "name": "Lin'S Garden", "restaurant_id": "40857406" }
```

17) Write a MongoDB query to prepared either American or Chinese dish.

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find(($or: [{"borough":"Staten Island"}, {"borough":"Queens"}, {"borough":"Bronx or Brooklyn"}]), (restaurant_id:1, name:1, cuisine:1, borough:1))
{ "_id": ObjectID("60aa18613bb9e22388d56f5e"), "borough": "Queens", "cuisine": "Jewish/Kosher", "name": "Tov Kosher Kitchen", "restaurant_id": "40356068" }
{ "_id": ObjectID("60aa18613bb9e22388d56f5f"), "borough": "Queens", "cuisine": "American", "name": "Brunos On The Boulevard", "restaurant_id": "40356151" }
{ "_id": ObjectID("60aa18613bb9e22388d56f60"), "borough": "Staten Island", "cuisine": "Jewish/Kosher", "name": "Kosher Island", "restaurant_id": "40356442" }
{ "_id": ObjectID("60aa18613bb9e22388d56f6a"), "borough": "Queens", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "name": "Carvel Ice Cream", "restaurant_id": "40361322" }
{ "_id": ObjectID("60aa18613bb9e22388d56f6e"), "borough": "Queens", "cuisine": "Delicatessen", "name": "Sal'S Deli", "restaurant_id": "40361618" }
{ "_id": ObjectID("60aa18613bb9e22388d56f70"), "borough": "Queens", "cuisine": "Delicatessen", "name": "Steve Chu'S Deli & Grocery", "restaurant_id": "40361998" }
{ "_id": ObjectID("60aa18613bb9e22388d56f75"), "borough": "Queens", "cuisine": "Chinese", "name": "Ho Mei Restaurant", "restaurant_id": "40362432" }
{ "_id": ObjectID("60aa18613bb9e22388d56f77"), "borough": "Queens", "cuisine": "Delicatessen", "name": "Tony'S Deli", "restaurant_id": "40363333" }
{ "_id": ObjectID("60aa18613bb9e22388d56f81"), "borough": "Staten Island", "cuisine": "Delicatessen", "name": "Bagels N Buns", "restaurant_id": "40363427" }
{ "_id": ObjectID("60aa18613bb9e22388d56f82"), "borough": "Queens", "cuisine": "Bagels/Pretzels", "name": "Hot Bagels", "restaurant_id": "40363565" }
{ "_id": ObjectID("60aa18613bb9e22388d56f83"), "borough": "Queens", "cuisine": "American", "name": "Snack Time Grill", "restaurant_id": "40363590" }
{ "_id": ObjectID("60aa18613bb9e22388d56f88"), "borough": "Staten Island", "cuisine": "Ice Cream, Gelato, Yogurt, Ices", "name": "Carvel Ice Cream", "restaurant_id": "40363834" }
{ "_id": ObjectID("60aa18613bb9e22388d56f8d"), "borough": "Queens", "cuisine": "American", "name": "Terminal Cafe/Yankee Clipper", "restaurant_id": "40364262" }
{ "_id": ObjectID("60aa18613bb9e22388d56f9a"), "borough": "Staten Island", "cuisine": "Delicatessen", "name": "Plaza Bagels & Deli", "restaurant_id": "40364280" }
{ "_id": ObjectID("60aa18613bb9e22388d56f9b"), "borough": "Staten Island", "cuisine": "Delicatessen", "name": "B & W Hot Bagel & Grocery", "restaurant_id": "40364299" }
{ "_id": ObjectID("60aa18613bb9e22388d56f9d"), "borough": "Queens", "cuisine": "German", "name": "Gottscheer Hall", "restaurant_id": "40364440" }
{ "_id": ObjectID("60aa18613bb9e22388d56fa0"), "borough": "Queens", "cuisine": "Jewish/Kosher", "name": "Ben-Best Deli & Restaurant", "restaurant_id": "40364529" }
{ "_id": ObjectID("60aa18613bb9e22388d56fa5"), "borough": "Staten Island", "cuisine": "American", "name": "Great Kills Yacht Club", "restaurant_id": "40364610" }
{ "_id": ObjectID("60aa18613bb9e22388d56faa"), "borough": "Queens", "cuisine": "Pizza/Italian", "name": "New Park Pizzeria & Restaurant", "restaurant_id": "40364744" }
{ "_id": ObjectID("60aa18613bb9e22388d56fab"), "borough": "Queens", "cuisine": "American", "name": "Douglaston Club", "restaurant_id": "40364858" }
```


18) Write a MongoDB query to find borough Staten Island or Queens or Bronx or Brooklyn.

```
MongoDB Enterprise > db.addresses.find({borough: {$nin: ["Staten Island","Queens","Bronx","Brooklyn"]}}, {_id:0, name:1, borough:1, cuisine:1})
{ "borough" : "Manhattan", "cuisine" : "Irish", "name" : "Dj Reynolds Pub And Restaurant" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "1 East 66Th Street Kitchen" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "Glorious Food" }
{ "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully'S Deli" }
{ "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet'S Kitchen" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "P & S Deli Grocery" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "Angelika Film Center" }
{ "borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "Downtown Deli" }
{ "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Olive'S" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "Cafe Metro" }
{ "borough" : "Manhattan", "cuisine" : "Sandwiches/Salads/Mixed Buffet", "name" : "Lexler Deli" }
{ "borough" : "Manhattan", "cuisine" : "Continental", "name" : "Lorenzo & Maria'S" }
{ "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "Berkely" }
{ "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "Spoon Bread Catering" }
{ "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Texas Rotisserie" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "Metropolitan Club" }
{ "borough" : "Manhattan", "cuisine" : "American", "name" : "Palm Restaurant" }
```

19) Write a MongoDB query not belonging to the borough Staten Island or Queens or Bronx or Brooklyn.

```
MongoDB Enterprise > db.addresses.find({"grades.score":{$lte:10}}, {_id:0, name:1, cuisine:1, borough: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" : "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" }
{ "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Sal'S Deli" }
```

21) Write a MongoDB query or restaurant's name begins with letter 'Wil'

```
MongoDB Enterprise > db.addresses.find({$nor: [{cuisine: {$in: ["Irish","Chinese"]}}, {name: /^Will.*/}],{_id:0,name:1, cuisine:1, borough:1})
{ "borough": "Bronx", "cuisine": "Bakery", "name": "Morris Park Bake Shop" }
{ "borough": "Brooklyn", "cuisine": "Hamburgers", "name": "Wendy'S" }
{ "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": "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" }
{ "borough": "Queens", "cuisine": "Delicatessen", "name": "Sal'S Deli" }
{ "borough": "Manhattan", "cuisine": "Delicatessen", "name": "Bully'S Deli" }
```

22) Write a MongoDB query scored 11 on an ISODate "2014-08-11T00:00:00Z" among many of survey dates

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"grades": {$elemMatch: {"date": ISODate("2014-08-11T00:00:00Z"), "grade": "A", "score": 11}}}, {_id:0, name:1, grades:1, restaurant_id:1})
{"grades": [ { "date": ISODate("2014-08-11T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2013-12-10T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2013-06-10T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2012-06-08T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-01-25T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2011-09-13T00:00:00Z"), "grade": "A", "score": 12 } ], "name": "Don Filippo Restaurant", "restaurant_id": "40372417" }
```

23) Write a MongoDB query and score 9 on an ISODate "2014-08-11T00:00:00Z".

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({$and: [{"grades.grade": "A"}, {"grades.score": 9}, {"grades.date": ISODate("2014-08-11T00:00:00Z")}]}, {_id:0, name:1, grades:1, restaurant_id:1}).pretty()
{
  "grades": [
    {
      "date": ISODate("2014-08-11T00:00:00Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2014-03-14T00:00:00Z"),
      "grade": "A",
      "score": 3
    },
    {
      "date": ISODate("2013-01-16T00:00:00Z"),
      "grade": "A",
      "score": 10
    },
    {
      "date": ISODate("2012-07-12T00:00:00Z"),
      "grade": "A",
      "score": 9
    }
  ],
  "name": "Serendipity 3",
  "restaurant_id": "40364803"
}
```

24) Write a MongoDB query to find contains a value which is more than 42 and upto 52

```
MongoDB Enterprise > db.addresses.find({$and: [{"address.coord": {$gt: 42}}, {"address.coord": {$lt: 52}}]}, {_id:0, name:1, cuisine:1, restaurant_id:1})
MongoDB Enterprise > db.addresses.find({$and: [{"address.coord": {$gt: 42}}, {"address.coord": {$lt: 52}}]}, {_id:0, name:1, cuisine:1, restaurant_id:1})
{ "cuisine": "Steak", "name": "Sammy'S Steakhouse", "restaurant_id": "40368552" }
{ "cuisine": "American ", "name": "T.G.I. Friday'S", "restaurant_id": "40387990" }
{ "cuisine": "American ", "name": "T.G.I. Fridays", "restaurant_id": "40388936" }
{ "cuisine": "Chinese", "name": "Master Wok", "restaurant_id": "40398688" }
{ "cuisine": "American ", "name": "Di Luvio'S Deli", "restaurant_id": "40402284" }
{ "cuisine": "Chinese", "name": "La Caridad 78", "restaurant_id": "40568285" }
{ "cuisine": "American ", "name": "Bijan'S", "restaurant_id": "40876618" }
{ "cuisine": "American ", "name": "Hyatt, Ny Central/Room Service", "restaurant_id": "40879243" }
{ "cuisine": "Japanese", "name": "Sports Center At Chelsea Piers (Sushi Bar)", "restaurant_id": "40882356" }
```

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

```

MongoDB Enterprise > db.addresses.find({}, {_id:0, name:1}).sort({name:1})
{ "name" : "(Lewis Drug Store) Locanda Vini E Olii" }
{ "name" : "1 East 66Th Street Kitchen" }
{ "name" : "101 Deli" }
{ "name" : "101 Restaurant And Bar" }
{ "name" : "1020 Bar" }
{ "name" : "104-01 Foster Avenue Coffee Shop(Ups)" }
{ "name" : "10Th Avenue Pizza & Cafe" }
{ "name" : "111 Restaurant" }
{ "name" : "15 East Restaurant" }
{ "name" : "200 Fifth Avenue Restaurant & Sports Bar" }
{ "name" : "21 Club" }
{ "name" : "2A" }
{ "name" : "3 Deli & Grill" }
{ "name" : "3 Guys" }
{ "name" : "3 Guys Resturant" }
{ "name" : "42Nd Street Pizza Diner" }
{ "name" : "44 & X Hell'S Kitchen" }
{ "name" : "44 Sw Ristorante & Bar" }
{ "name" : "5 Burro Cafe" }
{ "name" : "525 Lex Restaurant & Bar" }

```

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

```

MongoDB Enterprise > db.addresses.find({}, {_id:0, name:1}).sort({name:-1})
{ "name" : "Zum Stammtisch" }
{ "name" : "Zum Schneider" }
{ "name" : "Zorba'S" }
{ "name" : "Zebu Grill" }
{ "name" : "Zaro'S Bread Basket" }
{ "name" : "Zaro'S Bread Basket" }
{ "name" : "Zaro'S Bread Basket" }
{ "name" : "Zaro'S Bread Basket" }
{ "name" : "Zaro'S Bread Basket" }
{ "name" : "Zaro'S Bakery" }
{ "name" : "Zaro'S Bakery" }
{ "name" : "Zafi'S Luncheonette" }
{ "name" : "Yvonne Yvonne Restaurant" }
{ "name" : "Yura & Company On Madison" }
{ "name" : "Yummy Kitchen" }
{ "name" : "Your Bakery" }
{ "name" : "Yonah Shimmels Knishes" }
{ "name" : "Yolanda Pizzeria Restaurant" }
{ "name" : "Yip'S" }
{ "name" : "Yen Yen Restaurant" }

```


27) Write a MongoDB query to arrange for that same cuisine borough should be in descending order.

[illegible]

28) Write a MongoDB query to know whether all the addresses contain the street or not.

```
[{"_id": "ObjectID('60aa18b13bb9c2d7388f5e6fa')", "address": {"(building": "1007", "coord": [{"x": -73.856077, "y": 40.848447}], "street": "Morris Park Ave.", "zipcode": "10462"}, "(borough": "Bronx", "cuisine": "Bake shop", "grades": [{"(date": ISODate("2014-03-03T00:00:00Z"), "grade": "A", "score": 2}, {"(date": ISODate("2013-09-11T00:00:00Z"), "grade": "A", "score": 6}, {"(date": ISODate("2013-01-24T00:00:00Z"), "grade": "A", "score": 10}, {"(date": ISODate("2011-11-23T00:00:00Z"), "grade": "A", "score": 9}, {"(date": ISODate("2011-03-17T00:00:00Z"), "grade": "B", "score": 14}], "name": "Morris Park Bake Shop"}], {"_id": "ObjectID('60aa18b13bb9c2d7388f5e6fb')", "address": {"(building": "469", "coord": [{"x": -73.961704, "y": 40.652942}], "street": "Flathush 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": 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{"address":{"coord":[-73.98463480000001,40.7630755]},"borough":"Manhattan","name":"Neil Simon Theatre"}
{"address":{"coord":[-74.028486,40.630438]},"borough":"Brooklyn","name":"Omonia Cafe"}
{"address":{"coord":[-73.9849976,40.7276766]},"borough":"Manhattan","name":"Simone Bar Cafe"}
{"address":{"coord":[-74.01032399999999,40.7050156]},"borough":"Manhattan","name":"DeLmonicos"}
{"address":{"coord":[-73.8706606,40.7342757]},"borough":"Queens","name":"Cinnabon World Famous Cinnamon Rolls"}
{"address":{"coord":[-73.9640299,40.807001]},"borough":"Manhattan","name":"Ferris Booth Commons - Alfred Lerner Hall"}
{"address":{"coord":[-74.10465999999999,40.58834]},"borough":"Staten Island","name":"Richmond County Country Club - Pool Snack Bar"}
{"address":{"coord":[-74.1110561,40.5884772]},"borough":"Staten Island","name":"Richmond County Country Club(10th Hole)"}
{"address":{"coord":[-74.112758,40.5833299]},"borough":"Staten Island","name":"Richmond County Country Club"}

```


32) Write a MongoDB query to find which contains 'Mad' as three letter somewhere in its name

```
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"name":{"regex:/^mad.*/}},{"_id":0,"name":1,"borough":1,"address.coord":1})
MongoDB Enterprise atlas-axfr16-shard-0:PRIMARY> db.addresses.find({"name":{"regex:/^Mad.*/}},{"_id":0,"name":1,"borough":1,"address.coord":1})
{ "address" : { "coord" : [ -73.9860597, 40.7431194 ] }, "borough" : "Manhattan", "name" : "Madison Square" }
{ "address" : { "coord" : [ -73.98302199999999, 40.742313 ] }, "borough" : "Manhattan", "name" : "Madras Mahal" }
{ "address" : { "coord" : [ -74.000002, 40.72735 ] }, "borough" : "Manhattan", "name" : "Madame X" }
{ "address" : { "coord" : [ -73.98171959999999, 40.7499406 ] }, "borough" : "Manhattan", "name" : "Madison Bistro" }
{ "address" : { "coord" : [ -73.9717845, 40.6897199 ] }, "borough" : "Brooklyn", "name" : "Madiba" }
{ "address" : { "coord" : [ -73.9040753, 40.9069011 ] }, "borough" : "Bronx", "name" : "Madison'S" }
{ "address" : { "coord" : [ -73.9886598, 40.7565811 ] }, "borough" : "Manhattan", "name" : "Madame Tussaud'S" }
{ "address" : { "coord" : [ -73.95623719999999, 40.7761697 ] }, "borough" : "Manhattan", "name" : "Mad River Bar & Grille" }
```