

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 mongoddb 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 question

```
> show dbs
```

```
admin      0.000GB
```

```
config     0.000GB
```

```
local      0.000GB
```

```
population 0.002GB
```

```
restaurants 0.001GB
```

```
> use restaurants
```

```
switched to db restaurants
```

```
> show collections
```

```
addresses
```

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

```
{
  "_id" : ObjectId("6176844bee1cd02766ebb251"),
  "address" : {
    "building" : "1007",
    "coord" : [
```

```
-73.856077,  
40.848447  
],  
"street" : "Morris Park Ave",  
"zipcode" : "10462"  
},  
"borough" : "Bronx",  
"cuisine" : "Bakery",  
"grades" : [  
  {  
    "date" : ISODate("2014-03-03T00:00:00Z"),  
    "grade" : "A",  
    "score" : 2  
  },  
  {  
    "date" : ISODate("2013-09-11T00:00:00Z"),  
    "grade" : "A",  
    "score" : 6  
  },  
  {  
    "date" : ISODate("2013-01-24T00:00:00Z"),  
    "grade" : "A",  
    "score" : 10  
  },  
  {  
    "date" : ISODate("2011-11-23T00:00:00Z"),  
    "grade" : "A",  
    "score" : 9  
  },  
  {  
    "date" : ISODate("2011-03-10T00:00:00Z"),
```

```
        "grade" : "B",
        "score" : 14
    }
],
"name" : "Morris Park Bake Shop",
"restaurant_id" : "30075445"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb252"),
  "address" : {
    "building" : "469",
    "coord" : [
      -73.961704,
      40.662942
    ],
    "street" : "Flatbush Avenue",
    "zipcode" : "11225"
  },
  "borough" : "Brooklyn",
  "cuisine" : "Hamburgers",
  "grades" : [
    {
      "date" : ISODate("2014-12-30T00:00:00Z"),
      "grade" : "A",
      "score" : 8
    },
    {
      "date" : ISODate("2014-07-01T00:00:00Z"),
      "grade" : "B",
      "score" : 23
    }
  ],
```

```

    {
      "date" : ISODate("2013-04-30T00:00:00Z"),
      "grade" : "A",
      "score" : 12
    },
    {
      "date" : ISODate("2012-05-08T00:00:00Z"),
      "grade" : "A",
      "score" : 12
    }
  ],
  "name" : "Wendy'S",
  "restaurant_id" : "30112340"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb253"),
  "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("6176844bee1cd02766ebb254"),
    "address" : {
        "building" : "2780",
        "coord" : [
            -73.98241999999999,
            40.579505
        ],
        "street" : "Stillwell Avenue",
        "zipcode" : "11224"
```

```
    },
    "borough" : "Brooklyn",
    "cuisine" : "American ",
    "grades" : [
      {
        "date" : ISODate("2014-06-10T00:00:00Z"),
        "grade" : "A",
        "score" : 5
      },
      {
        "date" : ISODate("2013-06-05T00:00:00Z"),
        "grade" : "A",
        "score" : 7
      },
      {
        "date" : ISODate("2012-04-13T00:00:00Z"),
        "grade" : "A",
        "score" : 12
      },
      {
        "date" : ISODate("2011-10-12T00:00:00Z"),
        "grade" : "A",
        "score" : 12
      }
    ],
    "name" : "Riviera Caterer",
    "restaurant_id" : "40356018"
  }
{
  "_id" : ObjectId("6176844bee1cd02766ebb255"),
  "address" : {
```

```
"building" : "97-22",
"coord" : [
  -73.8601152,
  40.7311739
],
"street" : "63 Road",
"zipcode" : "11374"
},
"borough" : "Queens",
"cuisine" : "Jewish/Kosher",
"grades" : [
  {
    "date" : ISODate("2014-11-24T00:00:00Z"),
    "grade" : "Z",
    "score" : 20
  },
  {
    "date" : ISODate("2013-01-17T00:00:00Z"),
    "grade" : "A",
    "score" : 13
  },
  {
    "date" : ISODate("2012-08-02T00:00:00Z"),
    "grade" : "A",
    "score" : 13
  },
  {
    "date" : ISODate("2011-12-15T00:00:00Z"),
    "grade" : "B",
    "score" : 25
  }
]
```

```
    ],  
    "name" : "Tov Kosher Kitchen",  
    "restaurant_id" : "40356068"  
  }  
  {  
    "_id" : ObjectId("6176844bee1cd02766ebb256"),  
    "address" : {  
      "building" : "8825",  
      "coord" : [  
        -73.8803827,  
        40.7643124  
      ],  
      "street" : "Astoria Boulevard",  
      "zipcode" : "11369"  
    },  
    "borough" : "Queens",  
    "cuisine" : "American ",  
    "grades" : [  
      {  
        "date" : ISODate("2014-11-15T00:00:00Z"),  
        "grade" : "Z",  
        "score" : 38  
      },  
      {  
        "date" : ISODate("2014-05-02T00:00:00Z"),  
        "grade" : "A",  
        "score" : 10  
      },  
      {  
        "date" : ISODate("2013-03-02T00:00:00Z"),  
        "grade" : "A",
```



```
        "score" : 7
      },
      {
        "date" : ISODate("2012-02-10T00:00:00Z"),
        "grade" : "A",
        "score" : 13
      }
    ],
    "name" : "Brunos On The Boulevard",
    "restaurant_id" : "40356151"
  }
{
  "_id" : ObjectId("6176844bee1cd02766ebb257"),
  "address" : {
    "building" : "2206",
    "coord" : [
      -74.1377286,
      40.6119572
    ],
    "street" : "Victory Boulevard",
    "zipcode" : "10314"
  },
  "borough" : "Staten Island",
  "cuisine" : "Jewish/Kosher",
  "grades" : [
    {
      "date" : ISODate("2014-10-06T00:00:00Z"),
      "grade" : "A",
      "score" : 9
    },
    {
```

```
        "date" : ISODate("2014-05-20T00:00:00Z"),
        "grade" : "A",
        "score" : 12
    },
    {
        "date" : ISODate("2013-04-04T00:00:00Z"),
        "grade" : "A",
        "score" : 12
    },
    {
        "date" : ISODate("2012-01-24T00:00:00Z"),
        "grade" : "A",
        "score" : 9
    }
],
"name" : "Kosher Island",
"restaurant_id" : "40356442"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb258"),
    "address" : {
        "building" : "7114",
        "coord" : [
            -73.9068506,
            40.6199034
        ],
        "street" : "Avenue U",
        "zipcode" : "11234"
    },
    "borough" : "Brooklyn",
    "cuisine" : "Delicatessen",
```

```
"grades" : [  
  {  
    "date" : ISODate("2014-05-29T00:00:00Z"),  
    "grade" : "A",  
    "score" : 10  
  },  
  {  
    "date" : ISODate("2014-01-14T00:00:00Z"),  
    "grade" : "A",  
    "score" : 10  
  },  
  {  
    "date" : ISODate("2013-08-03T00:00:00Z"),  
    "grade" : "A",  
    "score" : 8  
  },  
  {  
    "date" : ISODate("2012-07-18T00:00:00Z"),  
    "grade" : "A",  
    "score" : 10  
  },  
  {  
    "date" : ISODate("2012-03-09T00:00:00Z"),  
    "grade" : "A",  
    "score" : 13  
  },  
  {  
    "date" : ISODate("2011-10-14T00:00:00Z"),  
    "grade" : "A",  
    "score" : 9  
  }  
]
```

```
    ],
    "name" : "Wilken'S Fine Food",
    "restaurant_id" : "40356483"
  }
{
  "_id" : ObjectId("6176844bee1cd02766ebb259"),
  "address" : {
    "building" : "6409",
    "coord" : [
      -74.00528899999999,
      40.628886
    ],
    "street" : "11 Avenue",
    "zipcode" : "11219"
  },
  "borough" : "Brooklyn",
  "cuisine" : "American ",
  "grades" : [
    {
      "date" : ISODate("2014-07-18T00:00:00Z"),
      "grade" : "A",
      "score" : 12
    },
    {
      "date" : ISODate("2013-07-30T00:00:00Z"),
      "grade" : "A",
      "score" : 12
    },
    {
      "date" : ISODate("2013-02-13T00:00:00Z"),
      "grade" : "A",
```

```
        "score" : 11
      },
      {
        "date" : ISODate("2012-08-16T00:00:00Z"),
        "grade" : "A",
        "score" : 2
      },
      {
        "date" : ISODate("2011-08-17T00:00:00Z"),
        "grade" : "A",
        "score" : 11
      }
    ],
    "name" : "Regina Caterers",
    "restaurant_id" : "40356649"
  }
{
  "_id" : ObjectId("6176844bee1cd02766ebb25a"),
  "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("6176844bee1cd02766ebb25b"),
    "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("6176844bee1cd02766ebb25c"),
    "address" : {
        "building" : "7715",
        "coord" : [
            -73.9973325,
```

```
40.611748899999999
],
"street" : "18 Avenue",
"zipcode" : "11214"
},
"borough" : "Brooklyn",
"cuisine" : "American ",
"grades" : [
  {
    "date" : ISODate("2014-04-16T00:00:00Z"),
    "grade" : "A",
    "score" : 5
  },
  {
    "date" : ISODate("2013-04-23T00:00:00Z"),
    "grade" : "A",
    "score" : 2
  },
  {
    "date" : ISODate("2012-04-24T00:00:00Z"),
    "grade" : "A",
    "score" : 5
  },
  {
    "date" : ISODate("2011-12-16T00:00:00Z"),
    "grade" : "A",
    "score" : 2
  }
],
"name" : "C & C Catering Service",
"restaurant_id" : "40357437"
```



```
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb25d"),  
  "address" : {  
    "building" : "1269",  
    "coord" : [  
      -73.871194,  
      40.6730975  
    ],  
    "street" : "Sutter Avenue",  
    "zipcode" : "11208"  
  },  
  "borough" : "Brooklyn",  
  "cuisine" : "Chinese",  
  "grades" : [  
    {  
      "date" : ISODate("2014-09-16T00:00:00Z"),  
      "grade" : "B",  
      "score" : 21  
    },  
    {  
      "date" : ISODate("2013-08-28T00:00:00Z"),  
      "grade" : "A",  
      "score" : 7  
    },  
    {  
      "date" : ISODate("2013-04-02T00:00:00Z"),  
      "grade" : "C",  
      "score" : 56  
    },  
    {
```

```
        "date" : ISODate("2012-08-15T00:00:00Z"),
        "grade" : "B",
        "score" : 27
    },
    {
        "date" : ISODate("2012-03-28T00:00:00Z"),
        "grade" : "B",
        "score" : 27
    }
],
"name" : "May May Kitchen",
"restaurant_id" : "40358429"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb25e"),
    "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("6176844bee1cd02766ebb25f"),
  "address" : {
    "building" : "705",
    "coord" : [
      -73.9653967,
      40.6064339
    ],
    "street" : "Kings Highway",
    "zipcode" : "11223"
  },
}
```

```
"borough" : "Brooklyn",
"cuisine" : "Jewish/Kosher",
"grades" : [
  {
    "date" : ISODate("2014-11-10T00:00:00Z"),
    "grade" : "A",
    "score" : 11
  },
  {
    "date" : ISODate("2013-10-10T00:00:00Z"),
    "grade" : "A",
    "score" : 13
  },
  {
    "date" : ISODate("2012-10-04T00:00:00Z"),
    "grade" : "A",
    "score" : 7
  },
  {
    "date" : ISODate("2012-05-21T00:00:00Z"),
    "grade" : "A",
    "score" : 9
  },
  {
    "date" : ISODate("2011-12-30T00:00:00Z"),
    "grade" : "B",
    "score" : 19
  }
],
"name" : "Seuda Foods",
"restaurant_id" : "40360045"
```

```
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb260"),  
  "address" : {  
    "building" : "203",  
    "coord" : [  
      -73.978220400000001,  
      40.6435254  
    ],  
    "street" : "Church Avenue",  
    "zipcode" : "11218"  
  },  
  "borough" : "Brooklyn",  
  "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",  
  "grades" : [  
    {  
      "date" : ISODate("2014-02-10T00:00:00Z"),  
      "grade" : "A",  
      "score" : 2  
    },  
    {  
      "date" : ISODate("2013-01-02T00:00:00Z"),  
      "grade" : "A",  
      "score" : 13  
    },  
    {  
      "date" : ISODate("2012-01-09T00:00:00Z"),  
      "grade" : "A",  
      "score" : 3  
    },  
    {
```

```
        "date" : ISODate("2011-11-07T00:00:00Z"),
        "grade" : "P",
        "score" : 12
    },
    {
        "date" : ISODate("2011-07-21T00:00:00Z"),
        "grade" : "A",
        "score" : 13
    }
],
"name" : "Carvel Ice Cream",
"restaurant_id" : "40360076"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb261"),
    "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("6176844bee1cd02766ebb262"),
  "address" : {
    "building" : "6909",
    "coord" : [
      -74.0259567,
      40.6353674
    ],
    "street" : "3 Avenue",
    "zipcode" : "11209"
  },
  "borough" : "Brooklyn",
  "cuisine" : "Delicatessen",
  "grades" : [
    {
      "date" : ISODate("2014-08-21T00:00:00Z"),
```

```
        "grade" : "A",
        "score" : 4
    },
    {
        "date" : ISODate("2014-03-05T00:00:00Z"),
        "grade" : "A",
        "score" : 3
    },
    {
        "date" : ISODate("2013-01-10T00:00:00Z"),
        "grade" : "A",
        "score" : 10
    }
],
"name" : "Nordic Delicacies",
"restaurant_id" : "40361390"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb263"),
    "address" : {
        "building" : "522",
        "coord" : [
            -73.95171,
            40.767461
        ],
        "street" : "East 74 Street",
        "zipcode" : "10021"
    },
    "borough" : "Manhattan",
    "cuisine" : "American ",
    "grades" : [
```



```
{
  "date" : ISODate("2014-09-02T00:00:00Z"),
  "grade" : "A",
  "score" : 12
},
{
  "date" : ISODate("2013-12-19T00:00:00Z"),
  "grade" : "B",
  "score" : 16
},
{
  "date" : ISODate("2013-05-28T00:00:00Z"),
  "grade" : "A",
  "score" : 9
},
{
  "date" : ISODate("2012-12-07T00:00:00Z"),
  "grade" : "A",
  "score" : 13
},
{
  "date" : ISODate("2012-03-29T00:00:00Z"),
  "grade" : "A",
  "score" : 11
}
],
"name" : "Glorious Food",
"restaurant_id" : "40361521"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb264"),
```

```
"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"  
}
```

Next Question

```
> db.addresses.find({},{"restaurant_id":1,"name":1,"borough":1,"cuisine":1}).pretty()
```

```
{  
  "_id" : ObjectId("6176844bee1cd02766ebb251"),  
  "borough" : "Bronx",  
  "cuisine" : "Bakery",  
  "name" : "Morris Park Bake Shop",  
  "restaurant_id" : "30075445"
```

```
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb252"),  
  "borough" : "Brooklyn",  
  "cuisine" : "Hamburgers",  
  "name" : "Wendy'S",  
  "restaurant_id" : "30112340"
```

```
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb253"),  
  "borough" : "Manhattan",  
  "cuisine" : "Irish",  
  "name" : "Dj Reynolds Pub And Restaurant",  
  "restaurant_id" : "30191841"
```

```
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb254"),  
  "borough" : "Brooklyn",
```

```
"cuisine" : "American ",
"name" : "Riviera Caterer",
"restaurant_id" : "40356018"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb255"),
  "borough" : "Queens",
  "cuisine" : "Jewish/Kosher",
  "name" : "Tov Kosher Kitchen",
  "restaurant_id" : "40356068"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb256"),
  "borough" : "Queens",
  "cuisine" : "American ",
  "name" : "Brunos On The Boulevard",
  "restaurant_id" : "40356151"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb257"),
  "borough" : "Staten Island",
  "cuisine" : "Jewish/Kosher",
  "name" : "Kosher Island",
  "restaurant_id" : "40356442"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb258"),
  "borough" : "Brooklyn",
  "cuisine" : "Delicatessen",
  "name" : "Wilken'S Fine Food",
  "restaurant_id" : "40356483"
```

```
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb259"),  
  "borough" : "Brooklyn",  
  "cuisine" : "American ",  
  "name" : "Regina Caterers",  
  "restaurant_id" : "40356649"  
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb25a"),  
  "borough" : "Brooklyn",  
  "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",  
  "name" : "Taste The Tropics Ice Cream",  
  "restaurant_id" : "40356731"  
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb25b"),  
  "borough" : "Bronx",  
  "cuisine" : "American ",  
  "name" : "Wild Asia",  
  "restaurant_id" : "40357217"  
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb25c"),  
  "borough" : "Brooklyn",  
  "cuisine" : "American ",  
  "name" : "C & C Catering Service",  
  "restaurant_id" : "40357437"  
}  
  
{  
  "_id" : ObjectId("6176844bee1cd02766ebb25d"),
```

```
"borough" : "Brooklyn",
"cuisine" : "Chinese",
"name" : "May May Kitchen",
"restaurant_id" : "40358429"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb25e"),
  "borough" : "Manhattan",
  "cuisine" : "American ",
  "name" : "1 East 66Th Street Kitchen",
  "restaurant_id" : "40359480"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb25f"),
  "borough" : "Brooklyn",
  "cuisine" : "Jewish/Kosher",
  "name" : "Seuda Foods",
  "restaurant_id" : "40360045"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb260"),
  "borough" : "Brooklyn",
  "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
  "name" : "Carvel Ice Cream",
  "restaurant_id" : "40360076"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb261"),
  "borough" : "Queens",
  "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
  "name" : "Carvel Ice Cream",
```

```

    "restaurant_id" : "40361322"
  }
  {
    "_id" : ObjectId("6176844bee1cd02766ebb262"),
    "borough" : "Brooklyn",
    "cuisine" : "Delicatessen",
    "name" : "Nordic Delicacies",
    "restaurant_id" : "40361390"
  }
  {
    "_id" : ObjectId("6176844bee1cd02766ebb263"),
    "borough" : "Manhattan",
    "cuisine" : "American ",
    "name" : "Glorious Food",
    "restaurant_id" : "40361521"
  }
  {
    "_id" : ObjectId("6176844bee1cd02766ebb264"),
    "borough" : "Brooklyn",
    "cuisine" : "American ",
    "name" : "The Movable Feast",
    "restaurant_id" : "40361606"
  }

```

Next Question

```
> db.addresses.find({},{"restaurant_id":1,"name":1,"borough":1,"cuisine":1,"_id":0}).pretty()
```

```

{
  "borough" : "Bronx",
  "cuisine" : "Bakery",
  "name" : "Morris Park Bake Shop",
  "restaurant_id" : "30075445"
}

```

```
{
  "borough" : "Brooklyn",
  "cuisine" : "Hamburgers",
  "name" : "Wendy'S",
  "restaurant_id" : "30112340"
}
{
  "borough" : "Manhattan",
  "cuisine" : "Irish",
  "name" : "Dj Reynolds Pub And Restaurant",
  "restaurant_id" : "30191841"
}
{
  "borough" : "Brooklyn",
  "cuisine" : "American ",
  "name" : "Riviera Caterer",
  "restaurant_id" : "40356018"
}
{
  "borough" : "Queens",
  "cuisine" : "Jewish/Kosher",
  "name" : "Tov Kosher Kitchen",
  "restaurant_id" : "40356068"
}
{
  "borough" : "Queens",
  "cuisine" : "American ",
  "name" : "Brunos On The Boulevard",
  "restaurant_id" : "40356151"
}
{
```



```
"borough" : "Staten Island",
"cuisine" : "Jewish/Kosher",
"name" : "Kosher Island",
"restaurant_id" : "40356442"
}
{
  "borough" : "Brooklyn",
  "cuisine" : "Delicatessen",
  "name" : "Wilken'S Fine Food",
  "restaurant_id" : "40356483"
}
{
  "borough" : "Brooklyn",
  "cuisine" : "American ",
  "name" : "Regina Caterers",
  "restaurant_id" : "40356649"
}
{
  "borough" : "Brooklyn",
  "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
  "name" : "Taste The Tropics Ice Cream",
  "restaurant_id" : "40356731"
}
{
  "borough" : "Bronx",
  "cuisine" : "American ",
  "name" : "Wild Asia",
  "restaurant_id" : "40357217"
}
{
  "borough" : "Brooklyn",
```

```
"cuisine" : "American ",
"name" : "C & C Catering Service",
"restaurant_id" : "40357437"
}
{
  "borough" : "Brooklyn",
  "cuisine" : "Chinese",
  "name" : "May May Kitchen",
  "restaurant_id" : "40358429"
}
{
  "borough" : "Manhattan",
  "cuisine" : "American ",
  "name" : "1 East 66Th Street Kitchen",
  "restaurant_id" : "40359480"
}
{
  "borough" : "Brooklyn",
  "cuisine" : "Jewish/Kosher",
  "name" : "Seuda Foods",
  "restaurant_id" : "40360045"
}
{
  "borough" : "Brooklyn",
  "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
  "name" : "Carvel Ice Cream",
  "restaurant_id" : "40360076"
}
{
  "borough" : "Queens",
  "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
```

```

    "name" : "Carvel Ice Cream",
    "restaurant_id" : "40361322"
  }
  {
    "borough" : "Brooklyn",
    "cuisine" : "Delicatessen",
    "name" : "Nordic Delicacies",
    "restaurant_id" : "40361390"
  }
  {
    "borough" : "Manhattan",
    "cuisine" : "American ",
    "name" : "Glorious Food",
    "restaurant_id" : "40361521"
  }
  {
    "borough" : "Brooklyn",
    "cuisine" : "American ",
    "name" : "The Movable Feast",
    "restaurant_id" : "40361606"
  }

```

Next Question

```

> db.restaurants.find({},{"restaurant_id" : 1,"name":1,"borough":1,"address.zipcode" :1,"_id":0});
> db.addresses.find({},{"restaurant_id" : 1,"name":1,"borough":1,"address.zipcode"
:1,"_id":0}).pretty()
{
  "address" : {
    "zipcode" : "10462"
  },
  "borough" : "Bronx",
  "name" : "Morris Park Bake Shop",

```

```
"restaurant_id" : "30075445"
}
{
  "address" : {
    "zipcode" : "11225"
  },
  "borough" : "Brooklyn",
  "name" : "Wendy'S",
  "restaurant_id" : "30112340"
}
{
  "address" : {
    "zipcode" : "10019"
  },
  "borough" : "Manhattan",
  "name" : "Dj Reynolds Pub And Restaurant",
  "restaurant_id" : "30191841"
}
{
  "address" : {
    "zipcode" : "11224"
  },
  "borough" : "Brooklyn",
  "name" : "Riviera Caterer",
  "restaurant_id" : "40356018"
}
{
  "address" : {
    "zipcode" : "11374"
  },
  "borough" : "Queens",
```

```
"name" : "Tov Kosher Kitchen",
"restaurant_id" : "40356068"
}
{
  "address" : {
    "zipcode" : "11369"
  },
  "borough" : "Queens",
  "name" : "Brunos On The Boulevard",
  "restaurant_id" : "40356151"
}
{
  "address" : {
    "zipcode" : "10314"
  },
  "borough" : "Staten Island",
  "name" : "Kosher Island",
  "restaurant_id" : "40356442"
}
{
  "address" : {
    "zipcode" : "11234"
  },
  "borough" : "Brooklyn",
  "name" : "Wilken'S Fine Food",
  "restaurant_id" : "40356483"
}
{
  "address" : {
    "zipcode" : "11219"
  },
  },
```

```
"borough" : "Brooklyn",
"name" : "Regina Caterers",
"restaurant_id" : "40356649"
}
{
  "address" : {
    "zipcode" : "11226"
  },
  "borough" : "Brooklyn",
  "name" : "Taste The Tropics Ice Cream",
  "restaurant_id" : "40356731"
}
{
  "address" : {
    "zipcode" : "10460"
  },
  "borough" : "Bronx",
  "name" : "Wild Asia",
  "restaurant_id" : "40357217"
}
{
  "address" : {
    "zipcode" : "11214"
  },
  "borough" : "Brooklyn",
  "name" : "C & C Catering Service",
  "restaurant_id" : "40357437"
}
{
  "address" : {
    "zipcode" : "11208"
```

```
    },  
    "borough" : "Brooklyn",  
    "name" : "May May Kitchen",  
    "restaurant_id" : "40358429"  
  }  
  {  
    "address" : {  
      "zipcode" : "10065"  
    },  
    "borough" : "Manhattan",  
    "name" : "1 East 66Th Street Kitchen",  
    "restaurant_id" : "40359480"  
  }  
  {  
    "address" : {  
      "zipcode" : "11223"  
    },  
    "borough" : "Brooklyn",  
    "name" : "Seuda Foods",  
    "restaurant_id" : "40360045"  
  }  
  {  
    "address" : {  
      "zipcode" : "11218"  
    },  
    "borough" : "Brooklyn",  
    "name" : "Carvel Ice Cream",  
    "restaurant_id" : "40360076"  
  }  
  {  
    "address" : {
```

```
        "zipcode" : "11004"
    },
    "borough" : "Queens",
    "name" : "Carvel Ice Cream",
    "restaurant_id" : "40361322"
}
{
    "address" : {
        "zipcode" : "11209"
    },
    "borough" : "Brooklyn",
    "name" : "Nordic Delicacies",
    "restaurant_id" : "40361390"
}
{
    "address" : {
        "zipcode" : "10021"
    },
    "borough" : "Manhattan",
    "name" : "Glorious Food",
    "restaurant_id" : "40361521"
}
{
    "address" : {
        "zipcode" : "11215"
    },
    "borough" : "Brooklyn",
    "name" : "The Movable Feast",
    "restaurant_id" : "40361606"
}
```

Next Question


```
> db.addresses.aggregate([{$match:{borough:"Bronx"}}, {$limit:5}]).pretty()
```

```
{
  "_id" : ObjectId("6176844bee1cd02766ebb251"),
  "address" : {
    "building" : "1007",
    "coord" : [
      -73.856077,
      40.848447
    ],
    "street" : "Morris Park Ave",
    "zipcode" : "10462"
  },
  "borough" : "Bronx",
  "cuisine" : "Bakery",
  "grades" : [
    {
      "date" : ISODate("2014-03-03T00:00:00Z"),
      "grade" : "A",
      "score" : 2
    },
    {
      "date" : ISODate("2013-09-11T00:00:00Z"),
      "grade" : "A",
      "score" : 6
    },
    {
      "date" : ISODate("2013-01-24T00:00:00Z"),
      "grade" : "A",
      "score" : 10
    },
    {
```

```
        "date" : ISODate("2011-11-23T00:00:00Z"),
        "grade" : "A",
        "score" : 9
    },
    {
        "date" : ISODate("2011-03-10T00:00:00Z"),
        "grade" : "B",
        "score" : 14
    }
],
"name" : "Morris Park Bake Shop",
"restaurant_id" : "30075445"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb25b"),
    "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("6176844bee1cd02766ebb270"),
  "address" : {
    "building" : "1006",
    "coord" : [
      -73.84856870000002,
      40.8903781
    ],
    "street" : "East 233 Street",
    "zipcode" : "10466"
  },
  "borough" : "Bronx",
  "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
  "grades" : [
    {
      "date" : ISODate("2014-04-24T00:00:00Z"),
```

```
        "grade" : "A",
        "score" : 10
    },
    {
        "date" : ISODate("2013-09-05T00:00:00Z"),
        "grade" : "A",
        "score" : 10
    },
    {
        "date" : ISODate("2013-02-21T00:00:00Z"),
        "grade" : "A",
        "score" : 9
    },
    {
        "date" : ISODate("2012-07-03T00:00:00Z"),
        "grade" : "A",
        "score" : 11
    },
    {
        "date" : ISODate("2011-07-11T00:00:00Z"),
        "grade" : "A",
        "score" : 5
    }
],
"name" : "Carvel Ice Cream",
"restaurant_id" : "40363093"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb274"),
    "address" : {
        "building" : "1236",
```

```
"coord" : [  
    -73.8893654,  
    40.813761799999999  
],  
"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("6176844bee1cd02766ebb286"),
```

```
"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"
}

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

{ "_id" : ObjectId("6176844bee1cd02766ebb251"), "address" : { "building" : "1007", "coord" : [ -
73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10462" }, "borough" : "Bronx",
"cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" :
2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-
01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade"
: "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name"
: "Morris Park Bake Shop", "restaurant_id" : "30075445" }

{ "_id" : ObjectId("6176844bee1cd02766ebb25b"), "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("6176844bee1cd02766ebb270"), "address" : { "building" : "1006", "coord" : [ -
73.84856870000002, 40.8903781 ], "street" : "East 233 Street", "zipcode" : "10466" }, "borough" :
"Bronx", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "grades" : [ { "date" : ISODate("2014-04-
24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-09-05T00:00:00Z"), "grade" :
"A", "score" : 10 }, { "date" : ISODate("2013-02-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" :
ISODate("2012-07-03T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-07-
11T00:00:00Z"), "grade" : "A", "score" : 5 } ], "name" : "Carvel Ice Cream", "restaurant_id" :
"40363093" }

{ "_id" : ObjectId("6176844bee1cd02766ebb274"), "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("6176844bee1cd02766ebb286"), "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("6176844bee1cd02766ebb28e"), "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("6176844bee1cd02766ebb2a6"), "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("6176844bee1cd02766ebb2be"), "address" : { "building" : "72", "coord" : [-73.92506, 40.8275556], "street" : "East 161 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "American", "grades" : [{ "date" : ISODate("2014-04-15T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-11-14T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-07-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-12-31T00:00:00Z"), "grade" : "B", "score" : 15 }, { "date" : ISODate("2012-05-30T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-09T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-15T00:00:00Z"), "grade" : "C", "score" : 37 }], "name" : "Yankee Tavern", "restaurant_id" : "40365499" }

{ "_id" : ObjectId("6176844bee1cd02766ebb2d1"), "address" : { "building" : "331", "coord" : [-73.87786539999999, 40.8724377], "street" : "East 204 Street", "zipcode" : "10467" }, "borough" : "Bronx", "cuisine" : "Irish", "grades" : [{ "date" : ISODate("2014-08-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-26T00:00:00Z"), "grade" : "B", "score" : 23 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-12-18T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2011-10-20T00:00:00Z"), "grade" : "A", "score" : 13 }], "name" : "Mcdwyers Pub", "restaurant_id" : "40365893" }

{ "_id" : ObjectId("6176844bee1cd02766ebb2ea"), "address" : { "building" : "5820", "coord" : [-73.9002615, 40.885186], "street" : "Broadway", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "American", "grades" : [{ "date" : ISODate("2014-02-26T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-10-09T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2013-05-15T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-11-20T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2011-10-17T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-06-22T00:00:00Z"), "grade" : "C", "score" : 35 }], "name" : "The Punch Bowl", "restaurant_id" : "40366497" }

{ "_id" : ObjectId("6176844bee1cd02766ebb2f5"), "address" : { "building" : "21", "coord" : [-73.9168424, 40.8401362], "street" : "East 170 Street", "zipcode" : "10452" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-12-16T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2014-08-12T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-02-13T00:00:00Z"), "grade" : "B", "score" : 16 }], "name" : "Munchtime", "restaurant_id" : "40366748" }

{ "_id" : ObjectId("6176844bee1cd02766ebb2f7"), "address" : { "building" : "4340", "coord" : [-73.8194559, 40.8899176], "street" : "Boston Road", "zipcode" : "10475" }, "borough" : "Bronx", "cuisine" : "Pancakes/Waffles", "grades" : [{ "date" : ISODate("2014-09-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2014-05-16T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-10-30T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-06-05T00:00:00Z"), "grade" : "B", "score" : 24 }, { "date" : ISODate("2012-05-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-04T00:00:00Z"), "grade" : "A", "score" : 7 }], "name" : "Ihop", "restaurant_id" : "40366833" }

{ "_id" : ObjectId("6176844bee1cd02766ebb2fc"), "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("6176844bee1cd02766ebb302"), "address" : { "building" : "2894", "coord" : [-73.815175, 40.8137649], "street" : "Schurz Ave", "zipcode" : "10465" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-10-31T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-06-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-05-17T00:00:00Z"), "grade" : "A", "score" : 2 }], "name" : "Marina Delray", "restaurant_id" : "40367161" }

{ "_id" : ObjectId("6176844bee1cd02766ebb327"), "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("6176844bee1cd02766ebb328"), "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("6176844bee1cd02766ebb329"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "African", "grades" : [ { "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-06-01T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2012-06-12T00:00:00Z"), "grade" : "A", "score" : 0 }, { "date" : ISODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "African Terrace", "restaurant_id" : "40368021" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb32a"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-05-17T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 5 } ], "name" : "Cool Zone", "restaurant_id" : "40368022" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb32b"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-06-15T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 0 } ], "name" : "Beaver Pond", "restaurant_id" : "40368025" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb32c"), "address" : { "building" : "2300", "coord" : [ -73.8786113, 40.8502883 ], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-05-28T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-06-18T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2011-06-07T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "African Market (Baboon Cafe)", "restaurant_id" : "40368026" }
```

Next Question

>

```
> db.addresses.aggregate([{$match:{borough:"Bronx"}},{$skip:5},{$limit:5}]).pretty()
```

```
{
```

```
  "_id" : ObjectId("6176844bee1cd02766ebb28e"),
```

```
  "address" : {
```

```
    "building" : "658",
```

```
    "coord" : [
```

```
      -73.81363999999999,
```

```
      40.829411000000001
```

```
    ],
```

```
    "street" : "Clarence Ave",
```

```
    "zipcode" : "10465"
```

```
    },
    "borough" : "Bronx",
    "cuisine" : "American ",
    "grades" : [
      {
        "date" : ISODate("2014-06-21T00:00:00Z"),
        "grade" : "A",
        "score" : 5
      },
      {
        "date" : ISODate("2012-07-11T00:00:00Z"),
        "grade" : "A",
        "score" : 10
      }
    ],
    "name" : "Manhem Club",
    "restaurant_id" : "40364363"
  }
{
  "_id" : ObjectId("6176844bee1cd02766ebb2a6"),
  "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("6176844bee1cd02766ebb2be"),
"address" : {
  "building" : "72",
  "coord" : [
    -73.92506,
    40.8275556
  ],
  "street" : "East 161 Street",
  "zipcode" : "10451"
},
"borough" : "Bronx",
"cuisine" : "American ",
"grades" : [
  {
    "date" : ISODate("2014-04-15T00:00:00Z"),
    "grade" : "A",
    "score" : 9
  },
  {
    "date" : ISODate("2013-11-14T00:00:00Z"),
    "grade" : "A",
    "score" : 4
  },
  {
    "date" : ISODate("2013-07-29T00:00:00Z"),
    "grade" : "A",
    "score" : 10
  },
  {
    "date" : ISODate("2012-12-31T00:00:00Z"),
    "grade" : "B",
```

```
        "score" : 15
    },
    {
        "date" : ISODate("2012-05-30T00:00:00Z"),
        "grade" : "A",
        "score" : 13
    },
    {
        "date" : ISODate("2012-01-09T00:00:00Z"),
        "grade" : "A",
        "score" : 10
    },
    {
        "date" : ISODate("2011-08-15T00:00:00Z"),
        "grade" : "C",
        "score" : 37
    }
],
"name" : "Yankee Tavern",
"restaurant_id" : "40365499"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb2d1"),
    "address" : {
        "building" : "331",
        "coord" : [
            -73.87786539999999,
            40.8724377
        ],
        "street" : "East 204 Street",
        "zipcode" : "10467"
```

```
},
"borough" : "Bronx",
"cuisine" : "Irish",
"grades" : [
  {
    "date" : ISODate("2014-08-26T00:00:00Z"),
    "grade" : "A",
    "score" : 10
  },
  {
    "date" : ISODate("2014-03-26T00:00:00Z"),
    "grade" : "B",
    "score" : 23
  },
  {
    "date" : ISODate("2013-09-11T00:00:00Z"),
    "grade" : "A",
    "score" : 13
  },
  {
    "date" : ISODate("2012-12-18T00:00:00Z"),
    "grade" : "B",
    "score" : 27
  },
  {
    "date" : ISODate("2011-10-20T00:00:00Z"),
    "grade" : "A",
    "score" : 13
  }
],
"name" : "Mcdwyers Pub",
```

```
"restaurant_id" : "40365893"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb2ea"),
  "address" : {
    "building" : "5820",
    "coord" : [
      -73.9002615,
      40.885186
    ],
    "street" : "Broadway",
    "zipcode" : "10463"
  },
  "borough" : "Bronx",
  "cuisine" : "American ",
  "grades" : [
    {
      "date" : ISODate("2014-02-26T00:00:00Z"),
      "grade" : "A",
      "score" : 5
    },
    {
      "date" : ISODate("2013-10-09T00:00:00Z"),
      "grade" : "B",
      "score" : 19
    },
    {
      "date" : ISODate("2013-05-15T00:00:00Z"),
      "grade" : "A",
      "score" : 9
    },
  ],
}
```



```

    {
      "date" : ISODate("2012-11-20T00:00:00Z"),
      "grade" : "B",
      "score" : 18
    },
    {
      "date" : ISODate("2011-10-17T00:00:00Z"),
      "grade" : "A",
      "score" : 10
    },
    {
      "date" : ISODate("2011-06-22T00:00:00Z"),
      "grade" : "C",
      "score" : 35
    }
  ],
  "name" : "The Punch Bowl",
  "restaurant_id" : "40366497"
}

> db.addresses.find({"grades.score":{$gt:90}}).pretty()
{
  "_id" : ObjectId("6176844bee1cd02766ebb3af"),
  "address" : {
    "building" : "65",
    "coord" : [
      -73.9782725,
      40.7624022
    ],
    "street" : "West 54 Street",
    "zipcode" : "10019"
  },

```

```
"borough" : "Manhattan",
"cuisine" : "American ",
"grades" : [
  {
    "date" : ISODate("2014-08-22T00:00:00Z"),
    "grade" : "A",
    "score" : 11
  },
  {
    "date" : ISODate("2014-03-28T00:00:00Z"),
    "grade" : "C",
    "score" : 131
  },
  {
    "date" : ISODate("2013-09-25T00:00:00Z"),
    "grade" : "A",
    "score" : 11
  },
  {
    "date" : ISODate("2013-04-08T00:00:00Z"),
    "grade" : "B",
    "score" : 25
  },
  {
    "date" : ISODate("2012-10-15T00:00:00Z"),
    "grade" : "A",
    "score" : 11
  },
  {
    "date" : ISODate("2011-10-19T00:00:00Z"),
    "grade" : "A",
```

```
        "score" : 13
      }
    ],
    "name" : "Murals On 54/Randolphs'S",
    "restaurant_id" : "40372466"
  }
{
  "_id" : ObjectId("6176844bee1cd02766ebb450"),
  "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("6176844bee1cd02766ebb5b3"),
    "address" : {
```

```
"building" : "130",
"coord" : [
  -73.984758,
  40.7457939
],
"street" : "Madison Avenue",
"zipcode" : "10016"
},
"borough" : "Manhattan",
"cuisine" : "Pizza/Italian",
"grades" : [
  {
    "date" : ISODate("2014-12-24T00:00:00Z"),
    "grade" : "Z",
    "score" : 31
  },
  {
    "date" : ISODate("2014-06-17T00:00:00Z"),
    "grade" : "C",
    "score" : 98
  },
  {
    "date" : ISODate("2013-12-12T00:00:00Z"),
    "grade" : "C",
    "score" : 32
  },
  {
    "date" : ISODate("2013-05-22T00:00:00Z"),
    "grade" : "B",
    "score" : 21
  },
]
```

```

    {
      "date" : ISODate("2012-05-02T00:00:00Z"),
      "grade" : "A",
      "score" : 11
    }
  ],
  "name" : "Bella Napoli",
  "restaurant_id" : "40393488"
}
> db.addresses.find({$or:[{"grades.score":{$gt:80}},{"grades.score":{$lt:100}}]}).pretty()
{
  "_id" : ObjectId("6176844bee1cd02766ebb251"),
  "address" : {
    "building" : "1007",
    "coord" : [
      -73.856077,
      40.848447
    ],
    "street" : "Morris Park Ave",
    "zipcode" : "10462"
  },
  "borough" : "Bronx",
  "cuisine" : "Bakery",
  "grades" : [
    {
      "date" : ISODate("2014-03-03T00:00:00Z"),
      "grade" : "A",
      "score" : 2
    },
    {
      "date" : ISODate("2013-09-11T00:00:00Z"),

```

```
        "grade" : "A",
        "score" : 6
    },
    {
        "date" : ISODate("2013-01-24T00:00:00Z"),
        "grade" : "A",
        "score" : 10
    },
    {
        "date" : ISODate("2011-11-23T00:00:00Z"),
        "grade" : "A",
        "score" : 9
    },
    {
        "date" : ISODate("2011-03-10T00:00:00Z"),
        "grade" : "B",
        "score" : 14
    }
],
"name" : "Morris Park Bake Shop",
"restaurant_id" : "30075445"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb252"),
    "address" : {
        "building" : "469",
        "coord" : [
            -73.961704,
            40.662942
        ],
        "street" : "Flatbush Avenue",
```

```
    "zipcode" : "11225"
  },
  "borough" : "Brooklyn",
  "cuisine" : "Hamburgers",
  "grades" : [
    {
      "date" : ISODate("2014-12-30T00:00:00Z"),
      "grade" : "A",
      "score" : 8
    },
    {
      "date" : ISODate("2014-07-01T00:00:00Z"),
      "grade" : "B",
      "score" : 23
    },
    {
      "date" : ISODate("2013-04-30T00:00:00Z"),
      "grade" : "A",
      "score" : 12
    },
    {
      "date" : ISODate("2012-05-08T00:00:00Z"),
      "grade" : "A",
      "score" : 12
    }
  ],
  "name" : "Wendy'S",
  "restaurant_id" : "30112340"
}

{
  "_id" : ObjectId("6176844bee1cd02766ebb253"),
```



```
"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("6176844bee1cd02766ebb254"),
  "address" : {
    "building" : "2780",
    "coord" : [
      -73.98241999999999,
      40.579505
    ],
    "street" : "Stillwell Avenue",
    "zipcode" : "11224"
  },
  "borough" : "Brooklyn",
  "cuisine" : "American ",
  "grades" : [
    {
      "date" : ISODate("2014-06-10T00:00:00Z"),
      "grade" : "A",
      "score" : 5
    },
    {
      "date" : ISODate("2013-06-05T00:00:00Z"),
      "grade" : "A",
      "score" : 7
    },
    {
      "date" : ISODate("2012-04-13T00:00:00Z"),
```

```
        "grade" : "A",
        "score" : 12
    },
    {
        "date" : ISODate("2011-10-12T00:00:00Z"),
        "grade" : "A",
        "score" : 12
    }
],
"name" : "Riviera Caterer",
"restaurant_id" : "40356018"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb255"),
    "address" : {
        "building" : "97-22",
        "coord" : [
            -73.8601152,
            40.7311739
        ],
        "street" : "63 Road",
        "zipcode" : "11374"
    },
    "borough" : "Queens",
    "cuisine" : "Jewish/Kosher",
    "grades" : [
        {
            "date" : ISODate("2014-11-24T00:00:00Z"),
            "grade" : "Z",
            "score" : 20
        },
    ],
```

```
{
  "date" : ISODate("2013-01-17T00:00:00Z"),
  "grade" : "A",
  "score" : 13
},
{
  "date" : ISODate("2012-08-02T00:00:00Z"),
  "grade" : "A",
  "score" : 13
},
{
  "date" : ISODate("2011-12-15T00:00:00Z"),
  "grade" : "B",
  "score" : 25
}
],
"name" : "Tov Kosher Kitchen",
"restaurant_id" : "40356068"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb256"),
  "address" : {
    "building" : "8825",
    "coord" : [
      -73.8803827,
      40.7643124
    ],
    "street" : "Astoria Boulevard",
    "zipcode" : "11369"
  },
  "borough" : "Queens",
```

```
"cuisine" : "American ",
"grades" : [
  {
    "date" : ISODate("2014-11-15T00:00:00Z"),
    "grade" : "Z",
    "score" : 38
  },
  {
    "date" : ISODate("2014-05-02T00:00:00Z"),
    "grade" : "A",
    "score" : 10
  },
  {
    "date" : ISODate("2013-03-02T00:00:00Z"),
    "grade" : "A",
    "score" : 7
  },
  {
    "date" : ISODate("2012-02-10T00:00:00Z"),
    "grade" : "A",
    "score" : 13
  }
],
"name" : "Brunos On The Boulevard",
"restaurant_id" : "40356151"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb257"),
  "address" : {
    "building" : "2206",
    "coord" : [
```

```
-74.1377286,  
40.6119572  
],  
"street" : "Victory Boulevard",  
"zipcode" : "10314"  
},  
"borough" : "Staten Island",  
"cuisine" : "Jewish/Kosher",  
"grades" : [  
  {  
    "date" : ISODate("2014-10-06T00:00:00Z"),  
    "grade" : "A",  
    "score" : 9  
  },  
  {  
    "date" : ISODate("2014-05-20T00:00:00Z"),  
    "grade" : "A",  
    "score" : 12  
  },  
  {  
    "date" : ISODate("2013-04-04T00:00:00Z"),  
    "grade" : "A",  
    "score" : 12  
  },  
  {  
    "date" : ISODate("2012-01-24T00:00:00Z"),  
    "grade" : "A",  
    "score" : 9  
  }  
],  
"name" : "Kosher Island",
```

```
"restaurant_id" : "40356442"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb258"),
  "address" : {
    "building" : "7114",
    "coord" : [
      -73.9068506,
      40.6199034
    ],
    "street" : "Avenue U",
    "zipcode" : "11234"
  },
  "borough" : "Brooklyn",
  "cuisine" : "Delicatessen",
  "grades" : [
    {
      "date" : ISODate("2014-05-29T00:00:00Z"),
      "grade" : "A",
      "score" : 10
    },
    {
      "date" : ISODate("2014-01-14T00:00:00Z"),
      "grade" : "A",
      "score" : 10
    },
    {
      "date" : ISODate("2013-08-03T00:00:00Z"),
      "grade" : "A",
      "score" : 8
    },
  ],
}
```

```
{
  "date" : ISODate("2012-07-18T00:00:00Z"),
  "grade" : "A",
  "score" : 10
},
{
  "date" : ISODate("2012-03-09T00:00:00Z"),
  "grade" : "A",
  "score" : 13
},
{
  "date" : ISODate("2011-10-14T00:00:00Z"),
  "grade" : "A",
  "score" : 9
}
],
"name" : "Wilken'S Fine Food",
"restaurant_id" : "40356483"
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb259"),
  "address" : {
    "building" : "6409",
    "coord" : [
      -74.00528899999999,
      40.628886
    ],
    "street" : "11 Avenue",
    "zipcode" : "11219"
  },
  "borough" : "Brooklyn",
```



```
"cuisine" : "American ",
"grades" : [
  {
    "date" : ISODate("2014-07-18T00:00:00Z"),
    "grade" : "A",
    "score" : 12
  },
  {
    "date" : ISODate("2013-07-30T00:00:00Z"),
    "grade" : "A",
    "score" : 12
  },
  {
    "date" : ISODate("2013-02-13T00:00:00Z"),
    "grade" : "A",
    "score" : 11
  },
  {
    "date" : ISODate("2012-08-16T00:00:00Z"),
    "grade" : "A",
    "score" : 2
  },
  {
    "date" : ISODate("2011-08-17T00:00:00Z"),
    "grade" : "A",
    "score" : 11
  }
],
"name" : "Regina Caterers",
"restaurant_id" : "40356649"
}
```

```
{
  "_id" : ObjectId("6176844bee1cd02766ebb25a"),
  "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("6176844bee1cd02766ebb25b"),
  "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("6176844bee1cd02766ebb25c"),
  "address" : {
    "building" : "7715",
    "coord" : [
      -73.9973325,
      40.611748899999999
    ],
    "street" : "18 Avenue",
    "zipcode" : "11214"
  },
  "borough" : "Brooklyn",
  "cuisine" : "American ",
  "grades" : [
    {
      "date" : ISODate("2014-04-16T00:00:00Z"),
      "grade" : "A",
      "score" : 5
    },
    {
      "date" : ISODate("2013-04-23T00:00:00Z"),
      "grade" : "A",
```

```
        "score" : 2
      },
      {
        "date" : ISODate("2012-04-24T00:00:00Z"),
        "grade" : "A",
        "score" : 5
      },
      {
        "date" : ISODate("2011-12-16T00:00:00Z"),
        "grade" : "A",
        "score" : 2
      }
    ],
    "name" : "C & C Catering Service",
    "restaurant_id" : "40357437"
  }
{
  "_id" : ObjectId("6176844bee1cd02766ebb25d"),
  "address" : {
    "building" : "1269",
    "coord" : [
      -73.871194,
      40.6730975
    ],
    "street" : "Sutter Avenue",
    "zipcode" : "11208"
  },
  "borough" : "Brooklyn",
  "cuisine" : "Chinese",
  "grades" : [
    {
```

```
        "date" : ISODate("2014-09-16T00:00:00Z"),
        "grade" : "B",
        "score" : 21
    },
    {
        "date" : ISODate("2013-08-28T00:00:00Z"),
        "grade" : "A",
        "score" : 7
    },
    {
        "date" : ISODate("2013-04-02T00:00:00Z"),
        "grade" : "C",
        "score" : 56
    },
    {
        "date" : ISODate("2012-08-15T00:00:00Z"),
        "grade" : "B",
        "score" : 27
    },
    {
        "date" : ISODate("2012-03-28T00:00:00Z"),
        "grade" : "B",
        "score" : 27
    }
],
"name" : "May May Kitchen",
"restaurant_id" : "40358429"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb25e"),
    "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("6176844bee1cd02766ebb25f"),  
    "address" : {  
      "building" : "705",  
      "coord" : [  
        -73.9653967,  
        40.6064339  
      ],  
      "street" : "Kings Highway",  
      "zipcode" : "11223"  
    },  
    "borough" : "Brooklyn",  
    "cuisine" : "Jewish/Kosher",  
    "grades" : [  
      {  
        "date" : ISODate("2014-11-10T00:00:00Z"),  
        "grade" : "A",  
        "score" : 11  
      },  
      {  
        "date" : ISODate("2013-10-10T00:00:00Z"),  
        "grade" : "A",  
        "score" : 13  
      },  
      {  
        "date" : ISODate("2012-10-04T00:00:00Z"),  
        "grade" : "A",
```



```
        "score" : 7
    },
    {
        "date" : ISODate("2012-05-21T00:00:00Z"),
        "grade" : "A",
        "score" : 9
    },
    {
        "date" : ISODate("2011-12-30T00:00:00Z"),
        "grade" : "B",
        "score" : 19
    }
],
"name" : "Seuda Foods",
"restaurant_id" : "40360045"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb260"),
    "address" : {
        "building" : "203",
        "coord" : [
            -73.97822040000001,
            40.6435254
        ],
        "street" : "Church Avenue",
        "zipcode" : "11218"
    },
    "borough" : "Brooklyn",
    "cuisine" : "Ice Cream, Gelato, Yogurt, Ices",
    "grades" : [
        {
```

```
        "date" : ISODate("2014-02-10T00:00:00Z"),
        "grade" : "A",
        "score" : 2
    },
    {
        "date" : ISODate("2013-01-02T00:00:00Z"),
        "grade" : "A",
        "score" : 13
    },
    {
        "date" : ISODate("2012-01-09T00:00:00Z"),
        "grade" : "A",
        "score" : 3
    },
    {
        "date" : ISODate("2011-11-07T00:00:00Z"),
        "grade" : "P",
        "score" : 12
    },
    {
        "date" : ISODate("2011-07-21T00:00:00Z"),
        "grade" : "A",
        "score" : 13
    }
],
"name" : "Carvel Ice Cream",
"restaurant_id" : "40360076"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb261"),
    "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("6176844bee1cd02766ebb262"),
"address" : {
  "building" : "6909",
  "coord" : [
    -74.0259567,
    40.6353674
  ],
  "street" : "3 Avenue",
  "zipcode" : "11209"
},
"borough" : "Brooklyn",
"cuisine" : "Delicatessen",
"grades" : [
  {
    "date" : ISODate("2014-08-21T00:00:00Z"),
    "grade" : "A",
    "score" : 4
  },
  {
    "date" : ISODate("2014-03-05T00:00:00Z"),
    "grade" : "A",
    "score" : 3
  },
  {
    "date" : ISODate("2013-01-10T00:00:00Z"),
    "grade" : "A",
    "score" : 10
  }
],
"name" : "Nordic Delicacies",
"restaurant_id" : "40361390"
```

```
}
{
  "_id" : ObjectId("6176844bee1cd02766ebb263"),
  "address" : {
    "building" : "522",
    "coord" : [
      -73.95171,
      40.767461
    ],
    "street" : "East 74 Street",
    "zipcode" : "10021"
  },
  "borough" : "Manhattan",
  "cuisine" : "American ",
  "grades" : [
    {
      "date" : ISODate("2014-09-02T00:00:00Z"),
      "grade" : "A",
      "score" : 12
    },
    {
      "date" : ISODate("2013-12-19T00:00:00Z"),
      "grade" : "B",
      "score" : 16
    },
    {
      "date" : ISODate("2013-05-28T00:00:00Z"),
      "grade" : "A",
      "score" : 9
    },
    {
```

```
        "date" : ISODate("2012-12-07T00:00:00Z"),
        "grade" : "A",
        "score" : 13
    },
    {
        "date" : ISODate("2012-03-29T00:00:00Z"),
        "grade" : "A",
        "score" : 11
    }
],
"name" : "Glorious Food",
"restaurant_id" : "40361521"
}
{
    "_id" : ObjectId("6176844bee1cd02766ebb264"),
    "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"
}

```

Next Question

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

```

{ "_id" : ObjectId("6176844cee1cd02766ebb899"), "address" : { "building" : "3707", "coord" : [ -
101.8945214, 33.5197474 ], "street" : "82 Street", "zipcode" : "11372" }, "borough" : "Queens",
"cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-06-04T00:00:00Z"), "grade" : "A",
"score" : 12 }, { "date" : ISODate("2013-11-07T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" :
ISODate("2013-05-17T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-08-
29T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-03T00:00:00Z"), "grade" :
"A", "score" : 12 }, { "date" : ISODate("2011-11-16T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" :
"Burger King", "restaurant_id" : "40534067" }

```

```

{ "_id" : ObjectId("6176844cee1cd02766ebbc04"), "address" : { "building" : "15259", "coord" : [ -
119.6368672, 36.2504996 ], "street" : "10 Avenue", "zipcode" : "11357" }, "borough" : "Queens",
"cuisine" : "Italian", "grades" : [ { "date" : ISODate("2014-09-04T00:00:00Z"), "grade" : "A", "score" :
11 }, { "date" : ISODate("2014-03-26T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" :
ISODate("2013-03-04T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-09-

```

```
27T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-04-20T00:00:00Z"), "grade" :  
"A", "score" : 7 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "C", "score" : 34 } ], "name" :  
"Cascarino'S", "restaurant_id" : "40668681" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebc0aa"), "address" : { "building" : "60", "coord" : [ -  
111.9975205, 42.0970258 ], "street" : "West Side Highway", "zipcode" : "10006" }, "borough" :  
"Manhattan", "cuisine" : "Japanese", "grades" : [ { "date" : ISODate("2014-03-20T00:00:00Z"),  
"grade" : "A", "score" : 9 }, { "date" : ISODate("2013-06-28T00:00:00Z"), "grade" : "A", "score" : 11 }, {  
"date" : ISODate("2012-07-05T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-07-  
27T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "Sports Center At Chelsea Piers (Sushi Bar)",  
"restaurant_id" : "40882356" }
```

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

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

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

uncaught exception: SyntaxError: missing : after property id :

@(shell):3:6


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

uncaught exception: SyntaxError: missing : after property id :

@(shell):1:60

```
> db.restaurants.find(
```

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

```
> db.addresses.find(
```

```
...     {$and:
...     [
...         {"cuisine" : {$ne : "American "}},
...         {"grades.score" : {$gt : 70}},
...         {"address.coord" : {$lt : -65.754168}}
...     ]
...     }
... )
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb450"), "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("6176844bee1cd02766ebb5b3"), "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("6176844bee1cd02766ebb5be"), "address": { "building": "101", "coord": [ -73.9243061, 40.8276297 ], "street": "East 161 Street", "zipcode": "10451" }, "borough": "Bronx", "cuisine": "Latin (Cuban, Dominican, Puerto Rican, South & Central American)", "grades": [ { "date": ISODate("2014-04-10T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-10-01T00:00:00Z"), "grade": "A", "score": 6 }, { "date": ISODate("2013-04-11T00:00:00Z"), "grade": "B", "score": 25 }, { "date": ISODate("2012-10-25T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2012-10-10T00:00:00Z"), "grade": "P", "score": 12 }, { "date": ISODate("2012-05-25T00:00:00Z"), "grade": "B", "score": 14 }, { "date": ISODate("2011-09-14T00:00:00Z"), "grade": "B", "score": 26 }, { "date": ISODate("2011-04-25T00:00:00Z"), "grade": "C", "score": 76 } ], "name": "El Molino Rojo Restaurant", "restaurant_id": "40393688" }
```

```
{ "_id": ObjectId("6176844cee1cd02766ebb70e"), "address": { "building": "289", "coord": [ -73.94610279999999, 40.7137587 ], "street": "Manhattan Avenue", "zipcode": "11211" }, "borough": "Brooklyn", "cuisine": "Bakery", "grades": [ { "date": ISODate("2014-03-19T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-10-10T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-05-07T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-09-11T00:00:00Z"), "grade": "B", "score": 18 }, { "date": ISODate("2012-04-18T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2011-09-27T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2011-05-03T00:00:00Z"), "grade": "C", "score": 77 } ], "name": "Fortunato Bros Cafe & Bakery", "restaurant_id": "40400561" }
```

```
{ "_id": ObjectId("6176844cee1cd02766ebbd38"), "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" }
```

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

uncaught exception: SyntaxError: expected expression, got '}' :

@(shell):1:299

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

uncaught exception: SyntaxError: expected expression, got '}' :

@(shell):1:299

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

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

uncaught exception: SyntaxError: missing : after property id :

@(shell):1:53

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

uncaught exception: SyntaxError: illegal character :

@(shell):1:19

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

uncaught exception: SyntaxError: illegal character :

@(shell):1:19

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

```
{ "_id" : ObjectId("6176844bee1cd02766ebb450"), "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("6176844bee1cd02766ebb5b3"), "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("6176844bee1cd02766ebb5be"), "address" : { "building" : "101", "coord" : [ -73.9243061, 40.8276297 ], "street" : "East 161 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "Latin (Cuban, Dominican, Puerto Rican, South & Central American)", "grades" : [ { "date" : ISODate("2014-04-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-10-01T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-04-11T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date" : ISODate("2012-10-25T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-10-10T00:00:00Z"), "grade" : "P", "score" : 12 }, { "date" : ISODate("2012-05-25T00:00:00Z"), "grade" : "B", "score" : 14 }, { "date" : ISODate("2011-09-14T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2011-04-25T00:00:00Z"), "grade" : "C", "score" : 76 } ], "name" : "El Molino Rojo Restaurant", "restaurant_id" : "40393688" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebb70e"), "address" : { "building" : "289", "coord" : [ -73.94610279999999, 40.7137587 ], "street" : "Manhattan Avenue", "zipcode" : "11211" }, "borough" : "Brooklyn", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-19T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" :
```

```
ISODate("2013-05-07T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-09-11T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2012-04-18T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-09-27T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-05-03T00:00:00Z"), "grade" : "C", "score" : 77 } ], "name" : "Fortunato Bros Cafe & Bakery", "restaurant_id" : "40400561" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebbd38"), "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" }
```

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

```
{ "_id" : ObjectId("6176844cee1cd02766ebb95d"), "address" : { "building" : "89", "coord" : [ -73.9995899, 40.7168015 ], "street" : "Baxter Street", "zipcode" : "10013" }, "borough" : "Manhattan", "cuisine" : "Vietnamese/Cambodian/Malaysia", "grades" : [ { "date" : ISODate("2014-08-21T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-08-31T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-04-11T00:00:00Z"), "grade" : "C", "score" : 3 }, { "date" : ISODate("2012-10-17T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-05-15T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Thai Son", "restaurant_id" : "40559606" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebba16"), "address" : { "building" : "8278", "coord" : [ -73.88143509999999, 40.7412552 ], "street" : "Broadway", "zipcode" : "11373" }, "borough" : "Queens", "cuisine" : "Vietnamese/Cambodian/Malaysia", "grades" : [ { "date" : ISODate("2014-06-12T00:00:00Z"), "grade" : "B", "score" : 21 }, { "date" : ISODate("2013-05-20T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-12-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-12-03T00:00:00Z"), "grade" : "P", "score" : 5 }, { "date" : ISODate("2012-05-04T00:00:00Z"), "grade" : "B", "score" : 27 } ], "name" : "Pho Bac Vietnamese Seafood Cuisine", "restaurant_id" : "40578058" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebbdff"), "address" : { "building" : "148", "coord" : [ -74.000254, 40.7172727 ], "street" : "Centre Street", "zipcode" : "10013" }, "borough" : "Manhattan", "cuisine" : "Vietnamese/Cambodian/Malaysia", "grades" : [ { "date" : ISODate("2014-10-01T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-05-19T00:00:00Z"), "grade" : "C", "score" : 5 }, { "date" : ISODate("2013-11-15T00:00:00Z"), "grade" : "B", "score" : 14 }, { "date" : ISODate("2013-03-08T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date" : ISODate("2012-05-22T00:00:00Z"), "grade" : "B", "score" : 23 }, { "date" : ISODate("2011-10-27T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Nha-Trang Centre Vietnam Restaurant", "restaurant_id" : "40751226" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb501"), "address" : { "building" : "300", "coord" : [ -73.985568, 40.7307496 ], "street" : "East 12 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Vegetarian", "grades" : [ { "date" : ISODate("2014-02-05T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-04-24T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-01-17T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-07-25T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Angelica Kitchen", "restaurant_id" : "40388281" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebb6b6"), "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("6176844cee1cd02766ebb81e"), "address" : { "building" : "547", "coord" : [ -92.7292446, 41.7461746 ], "street" : "6 Avenue", "zipcode" : "10011" }, "borough" : "Manhattan", "cuisine" : "Vegetarian", "grades" : [ { "date" : ISODate("2014-09-26T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2014-04-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-10-03T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-09-10T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-30T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-11-30T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Village Yogurt", "restaurant_id" : "40512123" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebb8be"), "address" : { "building" : "46", "coord" : [ -74.000252, 40.7356228 ], "street" : "Greenwich Avenue", "zipcode" : "10011" }, "borough" : "Manhattan", "cuisine" : "Vegetarian", "grades" : [ { "date" : ISODate("2014-07-01T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-12-31T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-05-24T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-10-11T00:00:00Z"), "grade" : "A", "score" : 6 } ], "name" : "Village Natural", "restaurant_id" : "40536786" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebbb5f"), "address" : { "building" : "405", "coord" : [ -73.98565239999999, 40.7263767 ], "street" : "East 6 Street", "zipcode" : "10009" }, "borough" : "Manhattan", "cuisine" : "Vegetarian", "grades" : [ { "date" : ISODate("2014-09-29T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-01-27T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2013-07-31T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-02-26T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2012-08-06T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-19T00:00:00Z"), "grade" : "B", "score" : 22 } ], "name" : "Caravan Of Dreams", "restaurant_id" : "40635781" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebbb85"), "address" : { "building" : "646", "coord" : [ -73.97279, 40.791289 ], "street" : "Amsterdam Avenue", "zipcode" : "10025" }, "borough" : "Manhattan", "cuisine" : "Vegetarian", "grades" : [ { "date" : ISODate("2014-02-19T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-11-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-10-03T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-04-11T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Mana", "restaurant_id" : "40644922" }
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{ "_id" : ObjectId("6176844cee1cd02766ebb6c8"), "address" : { "building" : "386", "coord" : [-73.981366, 40.741888], "street" : "3 Avenue", "zipcode" : "10016" }, "borough" : "Manhattan", "cuisine" : "Turkish", "grades" : [{ "date" : ISODate("2014-09-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-10-01T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-09-10T00:00:00Z"), "grade" : "A", "score" : 5 }], "name" : "Turkish Kitchen", "restaurant_id" : "40399372" }

{ "_id" : ObjectId("6176844cee1cd02766ebb958"), "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("6176844cee1cd02766ebb95c"), "address" : { "building" : "64", "coord" : [-73.9788293, 40.7765158], "street" : "West 71 Street", "zipcode" : "10023" }, "borough" : "Manhattan", "cuisine" : "Turkish", "grades" : [{ "date" : ISODate("2014-09-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2014-02-07T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-04-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-07-25T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-02-01T00:00:00Z"), "grade" : "A", "score" : 7 }], "name" : "Pasha Turkish Restaurant", "restaurant_id" : "40559546" }

{ "_id" : ObjectId("6176844cee1cd02766ebbaf1"), "address" : { "building" : "25505", "coord" : [-73.734503, 40.772264], "street" : "Northern Boulevard", "zipcode" : "11362" }, "borough" : "Queens", "cuisine" : "Turkish", "grades" : [{ "date" : ISODate("2014-12-29T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-04-24T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-09-25T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2013-02-20T00:00:00Z"), "grade" : "A", "score" : 11 }], "name" : "Kebab House", "restaurant_id" : "40608102" }

{ "_id" : ObjectId("6176844cee1cd02766ebbc01"), "address" : { "building" : "631", "coord" : [-73.991755, 40.760138], "street" : "9 Avenue", "zipcode" : "10036" }, "borough" : "Manhattan", "cuisine" : "Turkish", "grades" : [{ "date" : ISODate("2014-06-10T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-12-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-24T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-09-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-02-22T00:00:00Z"), "grade" : "B", "score" : 20 }], "name" : "Turkish Cuisine", "restaurant_id" : "40668464" }

{ "_id" : ObjectId("6176844cee1cd02766ebbdeb"), "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("2013-12-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-24T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-09-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-02-22T00:00:00Z"), "grade" : "B", "score" : 20 }], "name" : "Turkish Cuisine", "restaurant_id" : "40668464" }

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12 }, { "date" : ISODate("2013-04-29T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" :  
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05T00:00:00Z"), "grade" : "B", "score" : 15 } ], "name" : "Turkuaz Turkish Cuisine", "restaurant_id" :  
"40749081" }
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73.978636, 40.74148 ], "street" : "2 Avenue", "zipcode" : "10016" }, "borough" : "Manhattan",  
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9 }, { "date" : ISODate("2014-05-08T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-  
11-19T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-04-03T00:00:00Z"), "grade"  
: "B", "score" : 26 }, { "date" : ISODate("2012-02-21T00:00:00Z"), "grade" : "A", "score" : 4 } ], "name"  
: "Sahas Turkish Cuisine", "restaurant_id" : "40815015" }
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"Manhattan", "cuisine" : "Thai", "grades" : [ { "date" : ISODate("2014-08-13T00:00:00Z"), "grade" :  
"A", "score" : 10 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "B", "score" : 24 }, { "date" :  
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10T00:00:00Z"), "grade" : "C", "score" : 4 }, { "date" : ISODate("2012-06-18T00:00:00Z"), "grade" :  
"A", "score" : 11 }, { "date" : ISODate("2012-02-17T00:00:00Z"), "grade" : "P", "score" : 6 } ], "name" :  
"Pongsri Thai Restaurant", "restaurant_id" : "40374088" }
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73.9809909, 40.7422324 ], "street" : "Third Avenue", "zipcode" : "10016" }, "borough" :  
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"A", "score" : 13 }, { "date" : ISODate("2014-06-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" :  
ISODate("2013-03-08T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-  
01T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Jaiya Thai Oriental Restaurant",  
"restaurant_id" : "40392724" }
```

Next Question

>

>

```
> db.addresses.find(  
... {name: /^Wil/},  
... {  
... "restaurant_id" : 1,  
... "name":1,"borough":1,  
... "cuisine" :1  
... }  
... )
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb258"), "borough" : "Brooklyn", "cuisine" :  
"Delicatessen", "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
```

```

{ "_id" : ObjectId("6176844bee1cd02766ebb25b"), "borough" : "Bronx", "cuisine" : "American ",
"name" : "Wild Asia", "restaurant_id" : "40357217" }

{ "_id" : ObjectId("6176844cee1cd02766ebc060"), "borough" : "Bronx", "cuisine" : "Pizza", "name" :
"Wilbel Pizza", "restaurant_id" : "40871979" }

>

> db.addresses.find(
... {name: /ces$/},
... {
... "restaurant_id" : 1,
... "name":1,"borough":1,
... "cuisine" :1
... }
... )

{ "_id" : ObjectId("6176844cee1cd02766ebb6e4"), "borough" : "Manhattan", "cuisine" : "American ",
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{ "_id" : ObjectId("6176844cee1cd02766ebb7a3"), "borough" : "Queens", "cuisine" : "American ",
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{ "_id" : ObjectId("6176844cee1cd02766ebb7a9"), "borough" : "Manhattan", "cuisine" : "American ",
"name" : "Good Shepherd Services", "restaurant_id" : "40403989" }

{ "_id" : ObjectId("6176844cee1cd02766ebbc5c"), "borough" : "Queens", "cuisine" : "Ice Cream,
Gelato, Yogurt, Ices", "name" : "The Ice Box-Ralph'S Famous Italian Ices", "restaurant_id" :
"40690899" }

{ "_id" : ObjectId("6176844cee1cd02766ebbe5e"), "borough" : "Brooklyn", "cuisine" :
"Jewish/Kosher", "name" : "Alices", "restaurant_id" : "40782042" }

{ "_id" : ObjectId("6176844cee1cd02766ebc07a"), "borough" : "Manhattan", "cuisine" : "American ",
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>

> db.addresses.find(
... {"name": /.Reg./},
... {
... "restaurant_id" : 1,
... "name":1,"borough":1,
... "cuisine" :1
... }

```



```

... )

{ "_id" : ObjectId("6176844bee1cd02766ebb356"), "borough" : "Manhattan", "cuisine" :
"Café/Coffee/Tea", "name" : "Caffe Reggio", "restaurant_id" : "40369418" }

> db.addresses.find( {"name": /. *Reg. */}, { "restaurant_id" : 1, "name":1, "borough":1, "cuisine" :1 } )

{ "_id" : ObjectId("6176844bee1cd02766ebb259"), "borough" : "Brooklyn", "cuisine" : "American ",
"name" : "Regina Caterers", "restaurant_id" : "40356649" }

{ "_id" : ObjectId("6176844bee1cd02766ebb356"), "borough" : "Manhattan", "cuisine" :
"Café/Coffee/Tea", "name" : "Caffe Reggio", "restaurant_id" : "40369418" }

{ "_id" : ObjectId("6176844bee1cd02766ebb465"), "borough" : "Manhattan", "cuisine" : "American
", "name" : "Regency Hotel", "restaurant_id" : "40382679" }

{ "_id" : ObjectId("6176844cee1cd02766ebb782"), "borough" : "Manhattan", "cuisine" : "American ",
"name" : "Regency Whist Club", "restaurant_id" : "40402377" }

{ "_id" : ObjectId("6176844cee1cd02766ebb865"), "borough" : "Queens", "cuisine" : "American ",
"name" : "Rego Park Cafe", "restaurant_id" : "40523342" }

{ "_id" : ObjectId("6176844cee1cd02766ebbed3"), "borough" : "Queens", "cuisine" : "Pizza", "name"
: "Regina Pizza", "restaurant_id" : "40801325" }

{ "_id" : ObjectId("6176844cee1cd02766ebc0ea"), "borough" : "Manhattan", "cuisine" : "American ",
"name" : "Regal Entertainment Group", "restaurant_id" : "40891782" }

>

> db.addresses.find(

... {

... "borough": "Bronx" ,

... $or : [

... { "cuisine" : "American " },

... { "cuisine" : "Chinese" }

... ]

... }

... )

{ "_id" : ObjectId("6176844bee1cd02766ebb25b"), "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("6176844bee1cd02766ebb274"), "address" : { "building" : "1236", "coord" : [ -
73.8893654, 40.81376179999999 ], "street" : "238 Spofford Ave", "zipcode" : "10474" }, "borough" :

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"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("6176844bee1cd02766ebb286"), "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("6176844bee1cd02766ebb28e"), "address": { "building": "658", "coord": [-73.81363999999999, 40.829411000000001], "street": "Clarence Ave", "zipcode": "10465" }, "borough": "Bronx", "cuisine": "American ", "grades": [{ "date": ISODate("2014-06-21T00:00:00Z"), "grade": "A", "score": 5 }, { "date": ISODate("2012-07-11T00:00:00Z"), "grade": "A", "score": 10 }], "name": "Manhem Club", "restaurant_id": "40364363" }

{ "_id": ObjectId("6176844bee1cd02766ebb2a6"), "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("6176844bee1cd02766ebb2be"), "address": { "building": "72", "coord": [-73.92506, 40.8275556], "street": "East 161 Street", "zipcode": "10451" }, "borough": "Bronx", "cuisine": "American ", "grades": [{ "date": ISODate("2014-04-15T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2013-11-14T00:00:00Z"), "grade": "A", "score": 4 }, { "date": ISODate("2013-07-29T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2012-12-31T00:00:00Z"), "grade": "B", "score": 15 }, { "date": ISODate("2012-05-30T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-01-09T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2011-08-15T00:00:00Z"), "grade": "C", "score": 37 }], "name": "Yankee Tavern", "restaurant_id": "40365499" }

{ "_id": ObjectId("6176844bee1cd02766ebb2ea"), "address": { "building": "5820", "coord": [-73.9002615, 40.885186], "street": "Broadway", "zipcode": "10463" }, "borough": "Bronx", "cuisine": "American ", "grades": [{ "date": ISODate("2014-02-26T00:00:00Z"), "grade": "A", "score": 5 }, { "date": ISODate("2013-10-09T00:00:00Z"), "grade": "B", "score": 19 }, { "date": ISODate("2013-05-15T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2012-11-20T00:00:00Z"), "grade": "B", "score": 18 }, { "date": ISODate("2011-10-17T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2011-06-22T00:00:00Z"), "grade": "C", "score": 35 }], "name": "The Punch Bowl", "restaurant_id": "40366497" }

{ "_id": ObjectId("6176844bee1cd02766ebb2f5"), "address": { "building": "21", "coord": [-73.9168424, 40.8401362], "street": "East 170 Street", "zipcode": "10452" }, "borough": "Bronx", "cuisine": "American ", "grades": [{ "date": ISODate("2014-12-16T00:00:00Z"), "grade": "B",

"score" : 22 }, { "date" : ISODate("2014-08-12T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-02-13T00:00:00Z"), "grade" : "B", "score" : 16 }], "name" : "Munchtime", "restaurant_id" : "40366748" }

{ "_id" : ObjectId("6176844bee1cd02766ebb302"), "address" : { "building" : "2894", "coord" : [-73.815175, 40.8137649], "street" : "Schurz Ave", "zipcode" : "10465" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-10-31T00:00:00Z"), "grade" : "B", "score" : 18 }, { "date" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2013-06-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-05-17T00:00:00Z"), "grade" : "A", "score" : 2 }], "name" : "Marina Delray", "restaurant_id" : "40367161" }

{ "_id" : ObjectId("6176844bee1cd02766ebb32a"), "address" : { "building" : "2300", "coord" : [-73.8786113, 40.8502883], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-05-17T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 5 }], "name" : "Cool Zone", "restaurant_id" : "40368022" }

{ "_id" : ObjectId("6176844bee1cd02766ebb32b"), "address" : { "building" : "2300", "coord" : [-73.8786113, 40.8502883], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-05-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-06-15T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-06-08T00:00:00Z"), "grade" : "A", "score" : 0 }], "name" : "Beaver Pond", "restaurant_id" : "40368025" }

{ "_id" : ObjectId("6176844bee1cd02766ebb32c"), "address" : { "building" : "2300", "coord" : [-73.8786113, 40.8502883], "street" : "Southern Boulevard", "zipcode" : "10460" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-05-21T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-05-28T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-06-18T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2011-06-07T00:00:00Z"), "grade" : "A", "score" : 9 }], "name" : "African Market (Baboon Cafe)", "restaurant_id" : "40368026" }

{ "_id" : ObjectId("6176844bee1cd02766ebb34c"), "address" : { "building" : "3533", "coord" : [-73.9100082, 40.8863835], "street" : "Johnson Avenue", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-09-09T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-03-26T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-03-08T00:00:00Z"), "grade" : "P", "score" : 2 }, { "date" : ISODate("2012-09-26T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-07-26T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-02-26T00:00:00Z"), "grade" : "A", "score" : 13 }], "name" : "Blue Bay Restaurant", "restaurant_id" : "40369087" }

{ "_id" : ObjectId("6176844bee1cd02766ebb35e"), "address" : { "building" : "2375", "coord" : [-73.85534559999999, 40.8426433], "street" : "East Tremont Avenue", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-10-

14T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2014-04-08T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2013-11-04T00:00:00Z"), "grade": "C", "score": 45 }, { "date": ISODate("2013-05-23T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2012-10-18T00:00:00Z"), "grade": "B", "score": 15 }, { "date": ISODate("2012-10-05T00:00:00Z"), "grade": "P", "score": 12 }, { "date": ISODate("2012-05-14T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2011-12-21T00:00:00Z"), "grade": "A", "score": 11 }], "name": "Bronx Grill", "restaurant_id": "40369601" }

{ "_id": ObjectId("6176844bee1cd02766ebb370"), "address": { "building": "170", "coord": [-73.9035553, 40.878342], "street": "West 231 Street", "zipcode": "10463" }, "borough": "Bronx", "cuisine": "American ", "grades": [{ "date": ISODate("2014-10-01T00:00:00Z"), "grade": "B", "score": 18 }, { "date": ISODate("2014-04-23T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2013-10-23T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2013-05-21T00:00:00Z"), "grade": "B", "score": 19 }, { "date": ISODate("2013-05-02T00:00:00Z"), "grade": "P", "score": 3 }, { "date": ISODate("2012-11-20T00:00:00Z"), "grade": "B", "score": 24 }], "name": "P & K'S Grill", "restaurant_id": "40369895" }

{ "_id": ObjectId("6176844bee1cd02766ebb37a"), "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("6176844bee1cd02766ebb3d4"), "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("6176844bee1cd02766ebb43e"), "address": { "building": "3657", "coord": [-73.901496, 40.885102], "street": "Kingsbridge Avenue", "zipcode": "10463" }, "borough": "Bronx", "cuisine": "American ", "grades": [{ "date": ISODate("2014-09-25T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2014-04-30T00:00:00Z"), "grade": "B", "score": 20 }, { "date": ISODate("2013-08-19T00:00:00Z"), "grade": "A", "score": 2 }, { "date": ISODate("2013-03-06T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-01-26T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2011-10-19T00:00:00Z"), "grade": "B", "score": 18 }], "name": "Riverdale Diner", "restaurant_id": "40380253" }

{ "_id": ObjectId("6176844bee1cd02766ebb463"), "address": { "building": "1506", "coord": [-73.8537226, 40.8427071], "street": "Bronxdale Avenue", "zipcode": "10462" }, "borough": "Bronx", "cuisine": "American ", "grades": [{ "date": ISODate("2014-06-04T00:00:00Z"), "grade": "A", "score": 5 }, { "date": ISODate("2013-05-22T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2012-12-13T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2012-05-14T00:00:00Z"), "grade": "B", "score": 16 }, { "date": ISODate("2011-12-28T00:00:00Z"), "grade":

```
"A", "score" : 13 }, { "date" : ISODate("2011-08-10T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Castlehill Diner", "restaurant_id" : "40382517" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb47f"), "address" : { "building" : "5977", "coord" : [ -73.8982704, 40.8896923 ], "street" : "Broadway", "zipcode" : "10463" }, "borough" : "Bronx", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-05-30T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-04-25T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-11-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-05-30T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-12-19T00:00:00Z"), "grade" : "B", "score" : 18 } ], "name" : "Short Stop Restaurant", "restaurant_id" : "40383819" }
```

Next Question

```
> db.addresses.find(
... {"borough" : {$in : ["Staten Island", "Queens", "Bronx", "Brooklyn"]}},
... {
... "restaurant_id" : 1,
... "name":1,"borough":1,
... "cuisine" :1
... }
... )
{ "_id" : ObjectId("6176844bee1cd02766ebb251"), "borough" : "Bronx", "cuisine" : "Bakery", "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
{ "_id" : ObjectId("6176844bee1cd02766ebb252"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "Wendy'S", "restaurant_id" : "30112340" }
{ "_id" : ObjectId("6176844bee1cd02766ebb254"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Riviera Caterer", "restaurant_id" : "40356018" }
{ "_id" : ObjectId("6176844bee1cd02766ebb255"), "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }
{ "_id" : ObjectId("6176844bee1cd02766ebb256"), "borough" : "Queens", "cuisine" : "American ", "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
{ "_id" : ObjectId("6176844bee1cd02766ebb257"), "borough" : "Staten Island", "cuisine" : "Jewish/Kosher", "name" : "Kosher Island", "restaurant_id" : "40356442" }
{ "_id" : ObjectId("6176844bee1cd02766ebb258"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
{ "_id" : ObjectId("6176844bee1cd02766ebb259"), "borough" : "Brooklyn", "cuisine" : "American ", "name" : "Regina Caterers", "restaurant_id" : "40356649" }
{ "_id" : ObjectId("6176844bee1cd02766ebb25a"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb25b"), "borough" : "Bronx", "cuisine" : "American ",
"name" : "Wild Asia", "restaurant_id" : "40357217" }

{ "_id" : ObjectId("6176844bee1cd02766ebb25c"), "borough" : "Brooklyn", "cuisine" : "American ",
"name" : "C & C Catering Service", "restaurant_id" : "40357437" }

{ "_id" : ObjectId("6176844bee1cd02766ebb25d"), "borough" : "Brooklyn", "cuisine" : "Chinese",
"name" : "May May Kitchen", "restaurant_id" : "40358429" }

{ "_id" : ObjectId("6176844bee1cd02766ebb25f"), "borough" : "Brooklyn", "cuisine" :
"Jewish/Kosher", "name" : "Seuda Foods", "restaurant_id" : "40360045" }

{ "_id" : ObjectId("6176844bee1cd02766ebb260"), "borough" : "Brooklyn", "cuisine" : "Ice Cream,
Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40360076" }

{ "_id" : ObjectId("6176844bee1cd02766ebb261"), "borough" : "Queens", "cuisine" : "Ice Cream,
Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40361322" }

{ "_id" : ObjectId("6176844bee1cd02766ebb262"), "borough" : "Brooklyn", "cuisine" :
"Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }

{ "_id" : ObjectId("6176844bee1cd02766ebb264"), "borough" : "Brooklyn", "cuisine" : "American ",
"name" : "The Movable Feast", "restaurant_id" : "40361606" }

{ "_id" : ObjectId("6176844bee1cd02766ebb265"), "borough" : "Queens", "cuisine" : "Delicatessen",
"name" : "Sal'S Deli", "restaurant_id" : "40361618" }

{ "_id" : ObjectId("6176844bee1cd02766ebb267"), "borough" : "Queens", "cuisine" : "Delicatessen",
"name" : "Steve Chu'S Deli & Grocery", "restaurant_id" : "40361998" }

{ "_id" : ObjectId("6176844bee1cd02766ebb26b"), "borough" : "Brooklyn", "cuisine" :
"Hamburgers", "name" : "White Castle", "restaurant_id" : "40362344" }
```

Next Question

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

{ "_id" : ObjectId("6176844bee1cd02766ebb253"), "borough" : "Manhattan", "cuisine" : "Irish",
"name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }

{ "_id" : ObjectId("6176844bee1cd02766ebb25e"), "borough" : "Manhattan", "cuisine" : "American
", "name" : "1 East 66Th Street Kitchen", "restaurant_id" : "40359480" }

{ "_id" : ObjectId("6176844bee1cd02766ebb263"), "borough" : "Manhattan", "cuisine" : "American
", "name" : "Glorious Food", "restaurant_id" : "40361521" }

{ "_id" : ObjectId("6176844bee1cd02766ebb266"), "borough" : "Manhattan", "cuisine" :
"Delicatessen", "name" : "Bully'S Deli", "restaurant_id" : "40361708" }

{ "_id" : ObjectId("6176844bee1cd02766ebb268"), "borough" : "Manhattan", "cuisine" : "Chicken",
"name" : "Harriet'S Kitchen", "restaurant_id" : "40362098" }

{ "_id" : ObjectId("6176844bee1cd02766ebb269"), "borough" : "Manhattan", "cuisine" : "American
", "name" : "P & S Deli Grocery", "restaurant_id" : "40362264" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb26a"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Angelika Film Center", "restaurant_id" : "40362274" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb26d"), "borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe", "restaurant_id" : "40362715" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb26f"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Downtown Deli", "restaurant_id" : "40363021" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb273"), "borough" : "Manhattan", "cuisine" : "Bakery", "name" : "Olive'S", "restaurant_id" : "40363151" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb275"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Cafe Metro", "restaurant_id" : "40363298" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb277"), "borough" : "Manhattan", "cuisine" : "Sandwiches/Salads/Mixed Buffet", "name" : "Lexler Deli", "restaurant_id" : "40363426" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb27b"), "borough" : "Manhattan", "cuisine" : "Continental", "name" : "Lorenzo & Maria'S", "restaurant_id" : "40363630" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb27c"), "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza", "restaurant_id" : "40363644" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb27d"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Berkely", "restaurant_id" : "40363685" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb281"), "borough" : "Manhattan", "cuisine" : "Pizza", "name" : "Domino'S Pizza", "restaurant_id" : "40363945" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb282"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Spoon Bread Catering", "restaurant_id" : "40364179" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb288"), "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Texas Rotisserie", "restaurant_id" : "40364304" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb28b"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Metropolitan Club", "restaurant_id" : "40364347" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb28c"), "borough" : "Manhattan", "cuisine" : "American", "name" : "Palm Restaurant", "restaurant_id" : "40364355" }
```

Next Question

>

```
> db.addresses.find(
```

```
... {"grades.score" :
```

```
... { $not:
```

```
... { $gt : 10}
```

```
... }
```

```
... },
```

```
... {  
... "restaurant_id" : 1,  
... "name":1,"borough":1,  
... "cuisine" :1  
... }  
... )  
{ "_id" : ObjectId("6176844bee1cd02766ebb25c"), "borough" : "Brooklyn", "cuisine" : "American ",  
"name" : "C & C Catering Service", "restaurant_id" : "40357437" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb25e"), "borough" : "Manhattan", "cuisine" : "American  
", "name" : "1 East 66Th Street Kitchen", "restaurant_id" : "40359480" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb262"), "borough" : "Brooklyn", "cuisine" :  
"Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb26b"), "borough" : "Brooklyn", "cuisine" :  
"Hamburgers", "name" : "White Castle", "restaurant_id" : "40362344" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb27e"), "borough" : "Brooklyn", "cuisine" : "American ",  
"name" : "Sonny'S Heros", "restaurant_id" : "40363744" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb28e"), "borough" : "Bronx", "cuisine" : "American ",  
"name" : "Manhem Club", "restaurant_id" : "40364363" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb29c"), "borough" : "Staten Island", "cuisine" : "American  
", "name" : "Great Kills Yacht Club", "restaurant_id" : "40364610" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb2a3"), "borough" : "Manhattan", "cuisine" : "American  
", "name" : "Serendipity 3", "restaurant_id" : "40364863" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb2a7"), "borough" : "Manhattan", "cuisine" : "American  
", "name" : "White Horse Tavern", "restaurant_id" : "40364958" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb2b0"), "borough" : "Manhattan", "cuisine" : "Irish",  
"name" : "Dorrian'S Red Hand Restaurant", "restaurant_id" : "40365239" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb301"), "borough" : "Manhattan", "cuisine" : "Mexican",  
"name" : "Mexico Lindo Restaurant", "restaurant_id" : "40367038" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb321"), "borough" : "Brooklyn", "cuisine" : "Greek",  
"name" : "El Greco Diner", "restaurant_id" : "40367795" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb327"), "borough" : "Bronx", "cuisine" : "Not Listed/Not  
Applicable", "name" : "The Lark'S Nest", "restaurant_id" : "40367946" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb328"), "borough" : "Bronx", "cuisine" :  
"Café/Coffee/Tea", "name" : "Terrace Cafe", "restaurant_id" : "40368018" }  
{ "_id" : ObjectId("6176844bee1cd02766ebb329"), "borough" : "Bronx", "cuisine" : "African", "name"  
: "African Terrace", "restaurant_id" : "40368021" }
```



```
{ "_id" : ObjectId("6176844bee1cd02766ebb32c"), "borough" : "Bronx", "cuisine" : "American ",
"name" : "African Market (Baboon Cafe)", "restaurant_id" : "40368026" }

{ "_id" : ObjectId("6176844bee1cd02766ebb32d"), "borough" : "Staten Island", "cuisine" : "Italian",
"name" : "Roadhouse Restaurant", "restaurant_id" : "40368034" }

{ "_id" : ObjectId("6176844bee1cd02766ebb34f"), "borough" : "Manhattan", "cuisine" : "French",
"name" : "Pergola Des Artistes", "restaurant_id" : "40369139" }

{ "_id" : ObjectId("6176844bee1cd02766ebb35b"), "borough" : "Brooklyn", "cuisine" :
"Hamburgers", "name" : "Mcdonald'S", "restaurant_id" : "40369535" }

{ "_id" : ObjectId("6176844bee1cd02766ebb35f"), "borough" : "Brooklyn", "cuisine" : "American ",
"name" : "The River Cafe", "restaurant_id" : "40369608" }
```

Next Question

>

```
> db.addresses.find(
... {$or: [
...   {name: /^Wil/},
...   {"$and": [
...     {"cuisine" : {$ne : "American "}},
...     {"cuisine" : {$ne : "Chinees"}}
...   ]}
... ]}
... ,{"restaurant_id" : 1,"name":1,"borough":1,"cuisine" :1}
... )

{ "_id" : ObjectId("6176844bee1cd02766ebb251"), "borough" : "Bronx", "cuisine" : "Bakery", "name"
: "Morris Park Bake Shop", "restaurant_id" : "30075445" }

{ "_id" : ObjectId("6176844bee1cd02766ebb252"), "borough" : "Brooklyn", "cuisine" :
"Hamburgers", "name" : "Wendy'S", "restaurant_id" : "30112340" }

{ "_id" : ObjectId("6176844bee1cd02766ebb253"), "borough" : "Manhattan", "cuisine" : "Irish",
"name" : "Dj Reynolds Pub And Restaurant", "restaurant_id" : "30191841" }

{ "_id" : ObjectId("6176844bee1cd02766ebb255"), "borough" : "Queens", "cuisine" :
"Jewish/Kosher", "name" : "Tov Kosher Kitchen", "restaurant_id" : "40356068" }

{ "_id" : ObjectId("6176844bee1cd02766ebb257"), "borough" : "Staten Island", "cuisine" :
"Jewish/Kosher", "name" : "Kosher Island", "restaurant_id" : "40356442" }

{ "_id" : ObjectId("6176844bee1cd02766ebb258"), "borough" : "Brooklyn", "cuisine" :
"Delicatessen", "name" : "Wilken'S Fine Food", "restaurant_id" : "40356483" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb25a"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Taste The Tropics Ice Cream", "restaurant_id" : "40356731" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb25b"), "borough" : "Bronx", "cuisine" : "American ", "name" : "Wild Asia", "restaurant_id" : "40357217" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb25d"), "borough" : "Brooklyn", "cuisine" : "Chinese", "name" : "May May Kitchen", "restaurant_id" : "40358429" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb25f"), "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "name" : "Seuda Foods", "restaurant_id" : "40360045" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb260"), "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40360076" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb261"), "borough" : "Queens", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "name" : "Carvel Ice Cream", "restaurant_id" : "40361322" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb262"), "borough" : "Brooklyn", "cuisine" : "Delicatessen", "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb265"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Sal'S Deli", "restaurant_id" : "40361618" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb266"), "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Bully'S Deli", "restaurant_id" : "40361708" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb267"), "borough" : "Queens", "cuisine" : "Delicatessen", "name" : "Steve Chu'S Deli & Grocery", "restaurant_id" : "40361998" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb268"), "borough" : "Manhattan", "cuisine" : "Chicken", "name" : "Harriet'S Kitchen", "restaurant_id" : "40362098" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb26b"), "borough" : "Brooklyn", "cuisine" : "Hamburgers", "name" : "White Castle", "restaurant_id" : "40362344" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb26c"), "borough" : "Queens", "cuisine" : "Chinese", "name" : "Ho Mei Restaurant", "restaurant_id" : "40362432" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb26d"), "borough" : "Manhattan", "cuisine" : "Turkish", "name" : "The Country Cafe", "restaurant_id" : "40362715" }
```

Next Question

>

```
> db.addresses.find(
...     {
...         "grades.date": ISODate("2014-08-11T00:00:00Z"),
...         "grades.grade":"A" ,
...         "grades.score" : 11
...     },
```

... {"restaurant_id" : 1,"name":1,"grades":1}

...)

{ "_id" : ObjectId("6176844bee1cd02766ebb2cf"), "grades" : [{ "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-22T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-14T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-07-02T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-02-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-24T00:00:00Z"), "grade" : "A", "score" : 11 }], "name" : "Neary'S Pub", "restaurant_id" : "40365871" }

{ "_id" : ObjectId("6176844bee1cd02766ebb3aa"), "grades" : [{ "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-12-10T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-06-10T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-08T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-25T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-09-13T00:00:00Z"), "grade" : "A", "score" : 12 }], "name" : "Don Filippo Restaurant", "restaurant_id" : "40372417" }

{ "_id" : ObjectId("6176844cee1cd02766ebb670"), "grades" : [{ "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-25T00:00:00Z"), "grade" : "C", "score" : 2 }, { "date" : ISODate("2012-10-23T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-04-16T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-11-15T00:00:00Z"), "grade" : "A", "score" : 12 }], "name" : "Mustang Sally'S Restaurant", "restaurant_id" : "40397374" }

{ "_id" : ObjectId("6176844cee1cd02766ebb87c"), "grades" : [{ "date" : ISODate("2015-01-12T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-02-07T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-04-30T00:00:00Z"), "grade" : "A", "score" : 11 }], "name" : "Club Macanudo (Cigar Bar)", "restaurant_id" : "40526406" }

{ "_id" : ObjectId("6176844cee1cd02766ebb971"), "grades" : [{ "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2014-01-09T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2013-06-11T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-10-09T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-05-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }], "name" : "Marino'S Pizza & Restaurant", "restaurant_id" : "40560917" }

{ "_id" : ObjectId("6176844cee1cd02766ebbb19"), "grades" : [{ "date" : ISODate("2015-01-05T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2013-09-13T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-01-16T00:00:00Z"), "grade" : "A", "score" : 11 }], "name" : "Gene'S Coffee Shop", "restaurant_id" : "40614916" }

{ "_id" : ObjectId("6176844cee1cd02766ebbbc87"), "grades" : [{ "date" : ISODate("2014-08-11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-03-29T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-11-18T00:00:00Z"), "grade" :

```
"A", "score" : 11 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "P", "score" : 4 } ], "name" :
"Union Cafe Restaurant", "restaurant_id" : "40698823" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebc0f4"), "grades" : [ { "date" : ISODate("2014-08-
11T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" :
"A", "score" : 9 }, { "date" : ISODate("2012-09-05T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" :
ISODate("2011-08-25T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Jojo'S Pizza",
"restaurant_id" : "40892913" }
```

>

```
> db.addresses.find(
```

```
...      { "grades.1.date": ISODate("2014-08-11T00:00:00Z"),
...      "grades.1.grade":"A",
...      "grades.1.score" : 9
...      },
...      {"restaurant_id" : 1,"name":1,"grades":1}
...      )
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebb87c"), "grades" : [ { "date" : ISODate("2015-01-
12T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-08-11T00:00:00Z"), "grade" :
"A", "score" : 9 }, { "date" : ISODate("2014-01-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" :
ISODate("2013-02-07T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-04-
30T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Club Macanudo (Cigar Bar)", "restaurant_id"
: "40526406" }
```

>

>

```
> db.addresses.find(
```

```
...      {
...      "address.coord.1": {$gt : 42, $lte : 52}
...      },
...      {"restaurant_id" : 1,"name":1,"address":1,"coord":1}
...      )
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb4f3"), "address" : { "building" : "47", "coord" : [ -
78.877224, 42.89546199999999 ], "street" : "Broadway @ Trinity Pl", "zipcode" : "10006" }, "name" :
"T.G.I. Friday'S", "restaurant_id" : "40387990" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb51f"), "address" : { "building" : "1", "coord" : [ -
0.7119979, 51.6514664 ], "street" : "Pennplaza E, Penn Sta", "zipcode" : "10001" }, "name" : "T.G.I.
Fridays", "restaurant_id" : "40388936" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebb778"), "address" : { "building" : "3000", "coord" : [ -87.86567699999999, 42.61150920000001 ], "street" : "47 Avenue", "zipcode" : "11101" }, "name" : "Di Luvio'S Deli", "restaurant_id" : "40402284" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebb9ad"), "address" : { "building" : "21972199", "coord" : [ -78.589606, 42.8912372 ], "street" : "Broadway", "zipcode" : "10024" }, "name" : "La Caridad 78", "restaurant_id" : "40568285" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebc07f"), "address" : { "building" : "7981", "coord" : [ -84.9751215, 45.4713351 ], "street" : "Hoyt Street", "zipcode" : "11201" }, "name" : "Bijan'S", "restaurant_id" : "40876618" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebc094"), "address" : { "building" : "0", "coord" : [ -88.0778799, 42.4154769 ], "street" : "& Grand Central", "zipcode" : "10017" }, "name" : "Hyatt, Ny Central/Room Service", "restaurant_id" : "40879243" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebc0aa"), "address" : { "building" : "60", "coord" : [ -111.9975205, 42.0970258 ], "street" : "West Side Highway", "zipcode" : "10006" }, "name" : "Sports Center At Chelsea Piers (Sushi Bar)", "restaurant_id" : "40882356" }
```

>

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

```
{ "_id" : ObjectId("6176844cee1cd02766ebbee1"), "address" : { "building" : "129", "coord" : [ -73.962943, 40.685007 ], "street" : "Gates Avenue", "zipcode" : "11238" }, "borough" : "Brooklyn", "cuisine" : "Italian", "grades" : [ { "date" : ISODate("2014-03-06T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-08-29T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-03-08T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-06-27T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-11-17T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "(Lewis Drug Store) Locanda Vini E Olii", "restaurant_id" : "40804423" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb25e"), "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("6176844cee1cd02766ebba70"), "address" : { "building" : "10016", "coord" : [ -73.8216636, 40.5838155 ], "street" : "Rockaway Beach Boulevard", "zipcode" : "11694" }, "borough" : "Queens", "cuisine" : "Delicatessen", "grades" : [ { "date" : ISODate("2014-01-28T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-08-20T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-03-19T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-03-06T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-03-01T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "101 Deli", "restaurant_id" : "40591271" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebb964"), "address" : { "building" : "10018", "coord" : [ -74.0343092, 40.6125569 ], "street" : "4 Avenue", "zipcode" : "11209" }, "borough" : "Brooklyn", "cuisine" : "Italian", "grades" : [ { "date" : ISODate("2014-12-01T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-11-29T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" :
```

ISODate("2013-06-03T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-06-05T00:00:00Z"), "grade" : "B", "score" : 15 }, { "date" : ISODate("2012-01-10T00:00:00Z"), "grade" : "A", "score" : 10 }], "name" : "101 Restaurant And Bar", "restaurant_id" : "40560108" }

{ "_id" : ObjectId("6176844cee1cd02766ebb731"), "address" : { "building" : "1020", "coord" : [-73.96396419999999, 40.8032642], "street" : "Amsterdam Avenue", "zipcode" : "10025" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-06-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-06-19T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-12-27T00:00:00Z"), "grade" : "C", "score" : 38 }], "name" : "1020 Bar", "restaurant_id" : "40401104" }

{ "_id" : ObjectId("6176844cee1cd02766ebbb6b"), "address" : { "building" : "10401", "coord" : [-73.9004264, 40.6520939], "street" : "Foster Avenue", "zipcode" : "11236" }, "borough" : "Brooklyn", "cuisine" : "Café/Coffee/Tea", "grades" : [{ "date" : ISODate("2014-12-08T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2014-04-08T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2013-03-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 8 }], "name" : "104-01 Foster Avenue Coffee Shop(Ups)", "restaurant_id" : "40639261" }

{ "_id" : ObjectId("6176844cee1cd02766ebbc17"), "address" : { "building" : "256", "coord" : [-73.998993, 40.74718060000001], "street" : "10Th Ave Bet 24 & 25 St)", "zipcode" : "10001" }, "borough" : "Manhattan", "cuisine" : "Pizza", "grades" : [{ "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-10-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-05-31T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-12-14T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-07-09T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-02-03T00:00:00Z"), "grade" : "A", "score" : 9 }], "name" : "10Th Avenue Pizza & Cafe", "restaurant_id" : "40673117" }

{ "_id" : ObjectId("6176844cee1cd02766ebc0b9"), "address" : { "building" : "0", "coord" : [-73.7889689, 40.6433507], "street" : "Central Taxi Hold", "zipcode" : "11430" }, "borough" : "Queens", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-03-06T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-09-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-08-21T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-02-06T00:00:00Z"), "grade" : "B", "score" : 15 }], "name" : "111 Restaurant", "restaurant_id" : "40884354" }

{ "_id" : ObjectId("6176844cee1cd02766ebbc89"), "address" : { "building" : "15", "coord" : [-73.9921155, 40.7364657], "street" : "East 15 Street", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Japanese", "grades" : [{ "date" : ISODate("2014-06-28T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-10-22T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-03-22T00:00:00Z"), "grade" : "C", "score" : 64 }, { "date" : ISODate("2012-07-05T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-02-03T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-06-30T00:00:00Z"), "grade" : "A", "score" : 10 }], "name" : "15 East Restaurant", "restaurant_id" : "40698892" }

{ "_id" : ObjectId("6176844bee1cd02766ebb4a4"), "address" : { "building" : "200", "coord" : [-73.9804898, 40.6768216], "street" : "5 Avenue", "zipcode" : "11217" }, "borough" : "Brooklyn", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-07-03T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2013-10-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-03-21T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-08-

07T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-03-09T00:00:00Z"), "grade": "C", "score": 42 }, { "date": ISODate("2011-10-13T00:00:00Z"), "grade": "A", "score": 13 }], "name": "200 Fifth Avenue Restaurant & Sports Bar", "restaurant_id": "40385555" }

{ "_id": ObjectId("6176844bee1cd02766ebb28d"), "address": { "building": "21", "coord": [-73.9774394, 40.7604522], "street": "West 52 Street", "zipcode": "10019" }, "borough": "Manhattan", "cuisine": "American", "grades": [{ "date": ISODate("2014-05-14T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2013-08-13T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2012-04-04T00:00:00Z"), "grade": "A", "score": 12 }], "name": "21 Club", "restaurant_id": "40364362" }

{ "_id": ObjectId("6176844bee1cd02766ebb515"), "address": { "building": "25", "coord": [-73.9860427, 40.7229989], "street": "Avenue A", "zipcode": "10009" }, "borough": "Manhattan", "cuisine": "American", "grades": [{ "date": ISODate("2013-10-29T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2012-10-27T00:00:00Z"), "grade": "A", "score": 5 }, { "date": ISODate("2011-10-18T00:00:00Z"), "grade": "A", "score": 7 }, { "date": ISODate("2011-06-23T00:00:00Z"), "grade": "A", "score": 7 }], "name": "2A", "restaurant_id": "40388784" }

{ "_id": ObjectId("6176844cee1cd02766ebba7d"), "address": { "building": "133", "coord": [-73.9702969, 40.75983919999999], "street": "East 55 Street", "zipcode": "10022" }, "borough": "Manhattan", "cuisine": "American", "grades": [{ "date": ISODate("2014-04-03T00:00:00Z"), "grade": "A", "score": 7 }, { "date": ISODate("2013-03-27T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2012-10-17T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2012-04-27T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2011-12-06T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2011-07-18T00:00:00Z"), "grade": "A", "score": 12 }], "name": "3 Deli & Grill", "restaurant_id": "40592296" }

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Next Question

>

>

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> db.addresses.find().sort({"name":-1})
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{ "_id" : ObjectId("6176844cee1cd02766ebba95"), "address" : { "building" : "292", "coord" : [-73.9218923, 40.8169858], "street" : "East 149 Street", "zipcode" : "10451" }, "borough" : "Bronx", "cuisine" : "Pizza/Italian", "grades" : [{ "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2014-05-20T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-03-25T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-09-20T00:00:00Z"), "grade" : "A", "score" : 11 }], "name" : "Yolanda Pizzeria Restaurant", "restaurant_id" : "40594879" }

{ "_id" : ObjectId("6176844bee1cd02766ebb4f8"), "address" : { "building" : "1290", "coord" : [-73.9788903, 40.7605367], "street" : "Avenue Of Americas", "zipcode" : "10119" }, "borough" : "Manhattan", "cuisine" : "Chinese", "grades" : [{ "date" : ISODate("2014-09-23T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-12-11T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-09T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "B", "score" : 23 }, { "date" : ISODate("2012-05-07T00:00:00Z"), "grade" : "B", "score" : 23 }], "name" : "Yolanda Pizzeria Restaurant", "restaurant_id" : "40594879" }

```
"A", "score" : 13 }, { "date" : ISODate("2011-12-20T00:00:00Z"), "grade" : "B", "score" : 22 } ], "name" : "Yip'S", "restaurant_id" : "40388209" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb5a9"), "address" : { "building" : "404", "coord" : [ -73.97635439999999, 40.6438997 ], "street" : "Church Avenue", "zipcode" : "11218" }, "borough" : "Brooklyn", "cuisine" : "Chinese", "grades" : [ { "date" : ISODate("2014-10-29T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2014-03-24T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-25T00:00:00Z"), "grade" : "C", "score" : 3 }, { "date" : ISODate("2012-10-01T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-05-09T00:00:00Z"), "grade" : "C", "score" : 2 } ], "name" : "Yen Yen Restaurant", "restaurant_id" : "40393181" }
```

Next Question

>

>

```
> db.addresses.find().sort(
```

```
...           {"cuisine":1,"borough" : -1},
```

```
...           )
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebb93c"), "address" : { "building" : "1345", "coord" : [ -73.959249, 40.768076 ], "street" : "2 Avenue", "zipcode" : "10021" }, "borough" : "Manhattan", "cuisine" : "Afghan", "grades" : [ { "date" : ISODate("2014-10-07T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-10-23T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-10-26T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-04-26T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-01-12T00:00:00Z"), "grade" : "P", "score" : 10 } ], "name" : "Afghan Kebab House", "restaurant_id" : "40552806" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebba67"), "address" : { "building" : "34", "coord" : [ -73.9883612, 40.7286391 ], "street" : "St Marks Place", "zipcode" : "10003" }, "borough" : "Manhattan", "cuisine" : "Afghan", "grades" : [ { "date" : ISODate("2014-02-20T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-08-06T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2013-01-31T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-05-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-12-13T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-08-25T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Khyber Pass", "restaurant_id" : "40589545" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebbb20"), "address" : { "building" : "764", "coord" : [ -73.9880435, 40.7641423 ], "street" : "9 Avenue", "zipcode" : "10019" }, "borough" : "Manhattan", "cuisine" : "Afghan", "grades" : [ { "date" : ISODate("2014-12-30T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2013-02-25T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-08-09T00:00:00Z"), "grade" : "C", "score" : 2 }, { "date" : ISODate("2012-02-16T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Afghan Kebab House #1", "restaurant_id" : "40616799" }
```

```
{ "_id" : ObjectId("6176844cee1cd02766ebc043"), "address" : { "building" : "787", "coord" : [ -73.9880886, 40.7651331 ], "street" : "9 Avenue", "zipcode" : "10019" }, "borough" : "Manhattan", "cuisine" : "Afghan", "grades" : [ { "date" : ISODate("2014-07-22T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-07-08T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-
```

02-05T00:00:00Z"), "grade": "A", "score": 2 }, { "date": ISODate("2011-11-28T00:00:00Z"), "grade": "A", "score": 13 }], "name": "Ariana Kebab House", "restaurant_id": "40868400" }

{ "_id": ObjectId("6176844cee1cd02766ebbeb8"), "address": { "building": "14612", "coord": [-73.8057078, 40.6948408], "street": "Liberty Avenue", "zipcode": "11435" }, "borough": "Queens", "cuisine": "African", "grades": [{ "date": ISODate("2014-04-16T00:00:00Z"), "grade": "A", "score": 4 }, { "date": ISODate("2013-09-16T00:00:00Z"), "grade": "A", "score": 2 }, { "date": ISODate("2012-08-23T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-02-21T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2011-06-30T00:00:00Z"), "grade": "B", "score": 19 }], "name": "Africana Restaurant", "restaurant_id": "40798504" }

{ "_id": ObjectId("6176844cee1cd02766ebbc42"), "address": { "building": "195", "coord": [-73.9717845, 40.6897199], "street": "Dekalb Avenue", "zipcode": "11205" }, "borough": "Brooklyn", "cuisine": "African", "grades": [{ "date": ISODate("2014-08-18T00:00:00Z"), "grade": "A", "score": 7 }, { "date": ISODate("2014-01-13T00:00:00Z"), "grade": "B", "score": 19 }, { "date": ISODate("2012-12-19T00:00:00Z"), "grade": "A", "score": 7 }, { "date": ISODate("2012-08-01T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2012-03-12T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2011-11-01T00:00:00Z"), "grade": "A", "score": 10 }], "name": "Madiba", "restaurant_id": "40684161" }

{ "_id": ObjectId("6176844bee1cd02766ebb329"), "address": { "building": "2300", "coord": [-73.8786113, 40.8502883], "street": "Southern Boulevard", "zipcode": "10460" }, "borough": "Bronx", "cuisine": "African", "grades": [{ "date": ISODate("2014-05-21T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2013-06-01T00:00:00Z"), "grade": "A", "score": 6 }, { "date": ISODate("2012-06-12T00:00:00Z"), "grade": "A", "score": 0 }, { "date": ISODate("2011-06-08T00:00:00Z"), "grade": "A", "score": 0 }], "name": "African Terrace", "restaurant_id": "40368021" }

{ "_id": ObjectId("6176844cee1cd02766ebbf70"), "address": { "building": "2364", "coord": [-73.9025083, 40.8603246], "street": "Jerome Avenue", "zipcode": "10468" }, "borough": "Bronx", "cuisine": "African", "grades": [{ "date": ISODate("2014-04-22T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2013-10-22T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2012-09-18T00:00:00Z"), "grade": "A", "score": 11 }, { "date": ISODate("2011-10-04T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2011-05-26T00:00:00Z"), "grade": "A", "score": 11 }], "name": "Ebe Ye Yie African Restaurant", "restaurant_id": "40832718" }

{ "_id": ObjectId("6176844bee1cd02766ebb29c"), "address": { "building": "37", "coord": [-74.138263, 40.546681], "street": "Mansion Ave", "zipcode": "10308" }, "borough": "Staten Island", "cuisine": "American", "grades": [{ "date": ISODate("2014-04-22T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2013-09-25T00:00:00Z"), "grade": "A", "score": 4 }, { "date": ISODate("2012-06-09T00:00:00Z"), "grade": "A", "score": 8 }], "name": "Great Kills Yacht Club", "restaurant_id": "40364610" }

{ "_id": ObjectId("6176844bee1cd02766ebb2a9"), "address": { "building": "390", "coord": [-74.07444319999999, 40.6096914], "street": "Hylan Boulevard", "zipcode": "10305" }, "borough": "Staten Island", "cuisine": "American", "grades": [{ "date": ISODate("2014-06-21T00:00:00Z"), "grade": "A", "score": 9 }, { "date": ISODate("2013-06-15T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-08-30T00:00:00Z"), "grade": "A", "score": 10 }, { "date": ISODate("2011-10-07T00:00:00Z"), "grade": "B", "score": 20 }], "name": "Labetti'S Post # 2159", "restaurant_id": "40365022" }

{ "_id" : ObjectId("6176844bee1cd02766ebb2ad"), "address" : { "building" : "6736", "coord" : [-74.2274942, 40.5071996], "street" : "Hylan Boulevard", "zipcode" : "10309" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-08-13T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-08-20T00:00:00Z"), "grade" : "B", "score" : 19 }, { "date" : ISODate("2012-06-18T00:00:00Z"), "grade" : "A", "score" : 6 }], "name" : "South Shore Swimming Club", "restaurant_id" : "40365120" }

{ "_id" : ObjectId("6176844bee1cd02766ebb2c8"), "address" : { "building" : "3823", "coord" : [-74.16536339999999, 40.5450793], "street" : "Richmond Avenue", "zipcode" : "10312" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-07-15T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2013-04-01T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-03-12T00:00:00Z"), "grade" : "A", "score" : 11 }], "name" : "Joyce'S Tavern", "restaurant_id" : "40365692" }

{ "_id" : ObjectId("6176844bee1cd02766ebb2f2"), "address" : { "building" : "697", "coord" : [-74.11223799999999, 40.629819], "street" : "Forest Avenue", "zipcode" : "10310" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-07-17T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date" : ISODate("2013-10-03T00:00:00Z"), "grade" : "B", "score" : 22 }, { "date" : ISODate("2013-02-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-11T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-05T00:00:00Z"), "grade" : "A", "score" : 13 }], "name" : "Li Greci'S Staaten Restaurant", "restaurant_id" : "40366711" }

{ "_id" : ObjectId("6176844bee1cd02766ebb2fa"), "address" : { "building" : "135", "coord" : [-74.10465599999999, 40.58834], "street" : "Flagg Place", "zipcode" : "10304" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-07-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-05-22T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-11-29T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "B", "score" : 23 }, { "date" : ISODate("2011-08-13T00:00:00Z"), "grade" : "A", "score" : 11 }], "name" : "Richmond County Country Club", "restaurant_id" : "40366928" }

{ "_id" : ObjectId("6176844bee1cd02766ebb313"), "address" : { "building" : "17", "coord" : [-74.1350211, 40.6369042], "street" : "Harrison Avenue", "zipcode" : "10302" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-07-22T00:00:00Z"), "grade" : "B", "score" : 15 }, { "date" : ISODate("2013-10-23T00:00:00Z"), "grade" : "B", "score" : 16 }, { "date" : ISODate("2013-04-16T00:00:00Z"), "grade" : "B", "score" : 17 }, { "date" : ISODate("2012-03-31T00:00:00Z"), "grade" : "A", "score" : 13 }], "name" : "Buddy'S Wonder Bar", "restaurant_id" : "40367442" }

{ "_id" : ObjectId("6176844bee1cd02766ebb333"), "address" : { "building" : "2001", "coord" : [-74.099018, 40.58116500000001], "street" : "Hylan Boulevard", "zipcode" : "10306" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-10-06T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2014-03-20T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-09-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-04-01T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-03-05T00:00:00Z"), "grade" : "A", "score" : 9 }], "name" : "Colonnade Diner", "restaurant_id" : "40368291" }

{ "_id" : ObjectId("6176844bee1cd02766ebb350"), "address" : { "building" : "372", "coord" : [-74.1018239, 40.630788], "street" : "Forest Avenue", "zipcode" : "10301" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [{ "date" : ISODate("2014-03-08T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-09-17T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" :

```
ISODate("2013-02-14T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-07-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-14T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-07-11T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Jody'S Club", "restaurant_id" : "40369158" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb38e"), "address" : { "building" : "1745", "coord" : [ -74.146976, 40.625178 ], "street" : "Forest Avenue", "zipcode" : "10303" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-11-15T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2014-06-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-01-08T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-12-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-06-23T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-24T00:00:00Z"), "grade" : "A", "score" : 9 } ], "name" : "Perkins Family Restaurant & Bakery", "restaurant_id" : "40370910" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb39f"), "address" : { "building" : "2055", "coord" : [ -74.1321, 40.61266000000001 ], "street" : "Victory Boulevard", "zipcode" : "10314" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-11-06T00:00:00Z"), "grade" : "B", "score" : 25 }, { "date" : ISODate("2014-05-06T00:00:00Z"), "grade" : "B", "score" : 20 }, { "date" : ISODate("2013-01-26T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-17T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Schaffer'S Tavern", "restaurant_id" : "40371771" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb3a4"), "address" : { "building" : "275", "coord" : [ -74.1235473, 40.6215341 ], "street" : "Martling Ave", "zipcode" : "10314" }, "borough" : "Staten Island", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-04-09T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-01-16T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-06T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Exclusive Catering", "restaurant_id" : "40372016" }
```

Next Question

>

```
> db.addresses.find(
```

```
...           {"address.street" :
```

```
...           { $exists : true }
```

```
...           }
```

```
...           )
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb251"), "address" : { "building" : "1007", "coord" : [ -73.856077, 40.848447 ], "street" : "Morris Park Ave", "zipcode" : "10462" }, "borough" : "Bronx", "cuisine" : "Bakery", "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
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```
{ "_id" : ObjectId("6176844bee1cd02766ebb252"), "address" : { "building" : "469", "coord" : [ -73.961704, 40.662942 ], "street" : "Flatbush Avenue", "zipcode" : "11225" }, "borough" : "Brooklyn",
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"cuisine": "Hamburgers", "grades": [{ "date": ISODate("2014-12-30T00:00:00Z"), "grade": "A", "score": 8 }, { "date": ISODate("2014-07-01T00:00:00Z"), "grade": "B", "score": 23 }, { "date": ISODate("2013-04-30T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2012-05-08T00:00:00Z"), "grade": "A", "score": 12 }], "name": "Wendy'S", "restaurant_id": "30112340" }

{ "_id": ObjectId("6176844bee1cd02766ebb253"), "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("6176844bee1cd02766ebb254"), "address": { "building": "2780", "coord": [-73.98241999999999, 40.579505], "street": "Stillwell Avenue", "zipcode": "11224" }, "borough": "Brooklyn", "cuisine": "American ", "grades": [{ "date": ISODate("2014-06-10T00:00:00Z"), "grade": "A", "score": 5 }, { "date": ISODate("2013-06-05T00:00:00Z"), "grade": "A", "score": 7 }, { "date": ISODate("2012-04-13T00:00:00Z"), "grade": "A", "score": 12 }, { "date": ISODate("2011-10-12T00:00:00Z"), "grade": "A", "score": 12 }], "name": "Riviera Caterer", "restaurant_id": "40356018" }

{ "_id": ObjectId("6176844bee1cd02766ebb255"), "address": { "building": "97-22", "coord": [-73.8601152, 40.7311739], "street": "63 Road", "zipcode": "11374" }, "borough": "Queens", "cuisine": "Jewish/Kosher", "grades": [{ "date": ISODate("2014-11-24T00:00:00Z"), "grade": "Z", "score": 20 }, { "date": ISODate("2013-01-17T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2012-08-02T00:00:00Z"), "grade": "A", "score": 13 }, { "date": ISODate("2011-12-15T00:00:00Z"), "grade": "B", "score": 25 }], "name": "Tov Kosher Kitchen", "restaurant_id": "40356068" }

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Next Question

>

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16T00:00:00Z"), "grade" : "A", "score" : 2 }], "name" : "C & C Catering Service", "restaurant_id" : "40357437" }

{ "_id" : ObjectId("6176844bee1cd02766ebb25d"), "address" : { "building" : "1269", "coord" : [-73.871194, 40.6730975], "street" : "Sutter Avenue", "zipcode" : "11208" }, "borough" : "Brooklyn", "cuisine" : "Chinese", "grades" : [{ "date" : ISODate("2014-09-16T00:00:00Z"), "grade" : "B", "score" : 21 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-04-02T00:00:00Z"), "grade" : "C", "score" : 56 }, { "date" : ISODate("2012-08-15T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2012-03-28T00:00:00Z"), "grade" : "B", "score" : 27 }], "name" : "May May Kitchen", "restaurant_id" : "40358429" }

{ "_id" : ObjectId("6176844bee1cd02766ebb25e"), "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("6176844bee1cd02766ebb25f"), "address" : { "building" : "705", "coord" : [-73.9653967, 40.6064339], "street" : "Kings Highway", "zipcode" : "11223" }, "borough" : "Brooklyn", "cuisine" : "Jewish/Kosher", "grades" : [{ "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-12-30T00:00:00Z"), "grade" : "B", "score" : 19 }], "name" : "Seuda Foods", "restaurant_id" : "40360045" }

{ "_id" : ObjectId("6176844bee1cd02766ebb260"), "address" : { "building" : "203", "coord" : [-73.97822040000001, 40.6435254], "street" : "Church Avenue", "zipcode" : "11218" }, "borough" : "Brooklyn", "cuisine" : "Ice Cream, Gelato, Yogurt, Ices", "grades" : [{ "date" : ISODate("2014-02-10T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-01-02T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-01-09T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2011-11-07T00:00:00Z"), "grade" : "P", "score" : 12 }, { "date" : ISODate("2011-07-21T00:00:00Z"), "grade" : "A", "score" : 13 }], "name" : "Carvel Ice Cream", "restaurant_id" : "40360076" }

{ "_id" : ObjectId("6176844bee1cd02766ebb261"), "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("6176844bee1cd02766ebb262"), "address" : { "building" : "6909", "coord" : [-74.0259567, 40.6353674], "street" : "3 Avenue", "zipcode" : "11209" }, "borough" : "Brooklyn", "cuisine" : "Delicatessen", "grades" : [{ "date" : ISODate("2014-08-21T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2014-03-05T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-01-10T00:00:00Z"), "grade" : "A", "score" : 10 }], "name" : "Nordic Delicacies", "restaurant_id" : "40361390" }

```
{ "_id" : ObjectId("6176844bee1cd02766ebb263"), "address" : { "building" : "522", "coord" : [ -73.95171, 40.767461 ], "street" : "East 74 Street", "zipcode" : "10021" }, "borough" : "Manhattan", "cuisine" : "American ", "grades" : [ { "date" : ISODate("2014-09-02T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-12-19T00:00:00Z"), "grade" : "B", "score" : 16 }, { "date" : ISODate("2013-05-28T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-12-07T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-03-29T00:00:00Z"), "grade" : "A", "score" : 11 } ], "name" : "Glorious Food", "restaurant_id" : "40361521" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb264"), "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" }
```

Next Question

>

>

```
> db.addresses.find(
```

```
...     {"grades.score" :
```

```
...     {$mod : [7,0]}
```

```
...     },
```

```
...     {"restaurant_id" : 1,"name":1,"grades":1}
```

```
...     )
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb251"), "grades" : [ { "date" : ISODate("2014-03-03T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-09-11T00:00:00Z"), "grade" : "A", "score" : 6 }, { "date" : ISODate("2013-01-24T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-23T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-03-10T00:00:00Z"), "grade" : "B", "score" : 14 } ], "name" : "Morris Park Bake Shop", "restaurant_id" : "30075445" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb254"), "grades" : [ { "date" : ISODate("2014-06-10T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-05T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-10-12T00:00:00Z"), "grade" : "A", "score" : 12 } ], "name" : "Riviera Caterer", "restaurant_id" : "40356018" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb256"), "grades" : [ { "date" : ISODate("2014-11-15T00:00:00Z"), "grade" : "Z", "score" : 38 }, { "date" : ISODate("2014-05-02T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-03-02T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-02-10T00:00:00Z"), "grade" : "A", "score" : 13 } ], "name" : "Brunos On The Boulevard", "restaurant_id" : "40356151" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb25d"), "grades" : [ { "date" : ISODate("2014-09-16T00:00:00Z"), "grade" : "B", "score" : 21 }, { "date" : ISODate("2013-08-28T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-04-02T00:00:00Z"), "grade" : "C", "score" : 56 }, { "date" : ISODate("2012-08-15T00:00:00Z"), "grade" : "B", "score" : 27 }, { "date" : ISODate("2012-03-28T00:00:00Z"), "grade" : "B", "score" : 27 } ], "name" : "May May Kitchen", "restaurant_id" : "40358429" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb25e"), "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("6176844bee1cd02766ebb25f"), "grades" : [ { "date" : ISODate("2014-11-10T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-10-10T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2012-10-04T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-05-21T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2011-12-30T00:00:00Z"), "grade" : "B", "score" : 19 } ], "name" : "Seuda Foods", "restaurant_id" : "40360045" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb265"), "grades" : [ { "date" : ISODate("2014-08-16T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-08-27T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2012-09-20T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-09-29T00:00:00Z"), "grade" : "A", "score" : 10 } ], "name" : "Sal'S Deli", "restaurant_id" : "40361618" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb267"), "grades" : [ { "date" : ISODate("2014-03-19T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-03-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-03-27T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2011-04-05T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Steve Chu'S Deli & Grocery", "restaurant_id" : "40361998" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb268"), "grades" : [ { "date" : ISODate("2014-09-15T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2014-03-04T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-07-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-01-09T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-04-10T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-15T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Harriet'S Kitchen", "restaurant_id" : "40362098" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb26b"), "grades" : [ { "date" : ISODate("2014-03-18T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-03-18T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-10-10T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-09-22T00:00:00Z"), "grade" : "A", "score" : 2 } ], "name" : "White Castle", "restaurant_id" : "40362344" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb26c"), "grades" : [ { "date" : ISODate("2014-04-21T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2013-11-12T00:00:00Z"), "grade" : "A", "score" : 5 }, { "date" : ISODate("2013-06-04T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2012-11-14T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2012-10-11T00:00:00Z"), "grade" : "P", "score" : 0 }, { "date" : ISODate("2012-05-24T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2011-12-08T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" :
```

ISODate("2011-07-20T00:00:00Z"), "grade" : "A", "score" : 11 }], "name" : "Ho Mei Restaurant",
"restaurant_id" : "40362432" }

{ "_id" : ObjectId("6176844bee1cd02766ebb26e"), "grades" : [{ "date" : ISODate("2014-05-13T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2013-05-08T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-09-22T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2011-06-06T00:00:00Z"), "grade" : "A", "score" : 12 }], "name" : "Shashemene Int'L Restaura", "restaurant_id" : "40362869" }

{ "_id" : ObjectId("6176844bee1cd02766ebb273"), "grades" : [{ "date" : ISODate("2014-10-17T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-09-18T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" : ISODate("2013-04-30T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-04-20T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-12-19T00:00:00Z"), "grade" : "A", "score" : 3 }], "name" : "Olive'S", "restaurant_id" : "40363151" }

{ "_id" : ObjectId("6176844bee1cd02766ebb277"), "grades" : [{ "date" : ISODate("2014-02-21T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2013-09-13T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2012-08-28T00:00:00Z"), "grade" : "A", "score" : 0 }, { "date" : ISODate("2011-09-13T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2011-05-03T00:00:00Z"), "grade" : "A", "score" : 5 }], "name" : "Lexler Deli", "restaurant_id" : "40363426" }

{ "_id" : ObjectId("6176844bee1cd02766ebb27a"), "grades" : [{ "date" : ISODate("2014-02-25T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2013-08-14T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2012-08-07T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2012-03-26T00:00:00Z"), "grade" : "A", "score" : 10 }, { "date" : ISODate("2011-11-04T00:00:00Z"), "grade" : "A", "score" : 0 }, { "date" : ISODate("2011-06-29T00:00:00Z"), "grade" : "A", "score" : 4 }], "name" : "Snack Time Grill", "restaurant_id" : "40363590" }

{ "_id" : ObjectId("6176844bee1cd02766ebb27b"), "grades" : [{ "date" : ISODate("2014-06-02T00:00:00Z"), "grade" : "A", "score" : 9 }, { "date" : ISODate("2013-12-27T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2013-03-18T00:00:00Z"), "grade" : "B", "score" : 26 }, { "date" : ISODate("2012-02-01T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" : ISODate("2011-07-06T00:00:00Z"), "grade" : "B", "score" : 25 }], "name" : "Lorenzo & Maria'S", "restaurant_id" : "40363630" }

{ "_id" : ObjectId("6176844bee1cd02766ebb27c"), "grades" : [{ "date" : ISODate("2014-08-05T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2014-03-06T00:00:00Z"), "grade" : "A", "score" : 11 }, { "date" : ISODate("2013-07-09T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-01-30T00:00:00Z"), "grade" : "A", "score" : 4 }, { "date" : ISODate("2012-01-05T00:00:00Z"), "grade" : "A", "score" : 2 }, { "date" : ISODate("2011-09-26T00:00:00Z"), "grade" : "A", "score" : 0 }], "name" : "Domino'S Pizza", "restaurant_id" : "40363644" }

{ "_id" : ObjectId("6176844bee1cd02766ebb27e"), "grades" : [{ "date" : ISODate("2014-02-05T00:00:00Z"), "grade" : "A", "score" : 0 }, { "date" : ISODate("2013-01-29T00:00:00Z"), "grade" : "A", "score" : 3 }, { "date" : ISODate("2011-12-08T00:00:00Z"), "grade" : "A", "score" : 10 }], "name" : "Sonny'S Heros", "restaurant_id" : "40363744" }

{ "_id" : ObjectId("6176844bee1cd02766ebb285"), "grades" : [{ "date" : ISODate("2014-11-18T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-11-07T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2013-04-24T00:00:00Z"), "grade" : "A", "score" : 7 }, { "date" :


```
ISODate("2012-03-20T00:00:00Z"), "grade" : "A", "score" : 5 } ], "name" : "Plaza Bagels & Deli",  
"restaurant_id" : "40364286" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb288"), "grades" : [ { "date" : ISODate("2015-01-  
06T00:00:00Z"), "grade" : "A", "score" : 12 }, { "date" : ISODate("2014-07-15T00:00:00Z"), "grade" :  
"C", "score" : 48 }, { "date" : ISODate("2013-05-02T00:00:00Z"), "grade" : "A", "score" : 13 }, { "date" :  
ISODate("2012-09-24T00:00:00Z"), "grade" : "A", "score" : 8 }, { "date" : ISODate("2012-04-  
19T00:00:00Z"), "grade" : "A", "score" : 7 } ], "name" : "Texas Rotisserie", "restaurant_id" :  
"40364304" }
```

Next Question

>

>

```
> db.addresses.find(
```

```
...      { name :
```

```
...      { $regex : "mon.*", $options: "i" }
```

```
...      },
```

```
...      {
```

```
...          "name":1,
```

```
...          "borough":1,
```

```
...          "address.coord":1,
```

```
...          "cuisine" :1
```

```
...      }
```

```
...  )
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb2e5"), "address" : { "coord" : [ -73.983060999999999,  
40.7441419 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Desmond'S Tavern" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb2ee"), "address" : { "coord" : [ -73.8221418, 40.7272376  
] }, "borough" : "Queens", "cuisine" : "Jewish/Kosher", "name" : "Shimons Kosher Pizza" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb2fa"), "address" : { "coord" : [ -74.104655999999999,  
40.58834 ] }, "borough" : "Staten Island", "cuisine" : "American ", "name" : "Richmond County  
Country Club" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb325"), "address" : { "coord" : [ -73.9812843, 40.5947365  
] }, "borough" : "Brooklyn", "cuisine" : "Pizza/Italian", "name" : "Lb Spumoni Gardens" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb377"), "address" : { "coord" : [ -73.951199, 40.7166026 ]  
}, "borough" : "Brooklyn", "cuisine" : "Italian", "name" : "Bamonte'S Restaurant" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb3ae"), "address" : { "coord" : [ -73.924072,  
40.761089000000001 ] }, "borough" : "Queens", "cuisine" : "Greek", "name" : "Omonia Cafe" }
```

```
{ "_id" : ObjectId("6176844bee1cd02766ebb3fe"), "address" : { "coord" : [ -74.0023353, 40.7333573 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Manhattan Monster" }

{ "_id" : ObjectId("6176844bee1cd02766ebb42b"), "address" : { "coord" : [ -74.001094, 40.729583 ] }, "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Monte'S" }

{ "_id" : ObjectId("6176844bee1cd02766ebb431"), "address" : { "coord" : [ -73.9901605, 40.7526176 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Delmonico'S Kitchen" }

{ "_id" : ObjectId("6176844bee1cd02766ebb447"), "address" : { "coord" : [ -73.9979536, 40.6914024 ] }, "borough" : "Brooklyn", "cuisine" : "Bottled beverages, including water, sodas, juices, etc.", "name" : "Montero Bar & Grill" }

{ "_id" : ObjectId("6176844bee1cd02766ebb5d2"), "address" : { "coord" : [ -73.9707505, 40.7635651 ] }, "borough" : "Manhattan", "cuisine" : "Delicatessen", "name" : "Delmonico Gourmet" }

{ "_id" : ObjectId("6176844cee1cd02766ebb63f"), "address" : { "coord" : [ -73.9760637, 40.7508686 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Delmonico Gourmet" }

{ "_id" : ObjectId("6176844cee1cd02766ebb653"), "address" : { "coord" : [ -73.9705633, 40.7605759 ] }, "borough" : "Manhattan", "cuisine" : "Italian", "name" : "Montebello Restaurant" }

{ "_id" : ObjectId("6176844cee1cd02766ebb6eb"), "address" : { "coord" : [ -74.1914658, 40.55274360000001 ] }, "borough" : "Staten Island", "cuisine" : "Italian", "name" : "Villa Monte Pizzeria" }

{ "_id" : ObjectId("6176844cee1cd02766ebb796"), "address" : { "coord" : [ -73.97198209999999, 40.764464 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Harmonie Club" }

{ "_id" : ObjectId("6176844cee1cd02766ebb85a"), "address" : { "coord" : [ -73.79571990000001, 40.7095637 ] }, "borough" : "Queens", "cuisine" : "Bakery", "name" : "Ramona'S Bakery" }

{ "_id" : ObjectId("6176844cee1cd02766ebb88e"), "address" : { "coord" : [ -73.97852100000001, 40.729192 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Mona'S" }

{ "_id" : ObjectId("6176844cee1cd02766ebb8b3"), "address" : { "coord" : [ -73.98463480000001, 40.7630755 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Neil Simon Theatre" }

{ "_id" : ObjectId("6176844cee1cd02766ebb8ee"), "address" : { "coord" : [ -73.9938361, 40.6091317 ] }, "borough" : "Brooklyn", "cuisine" : "Bakery", "name" : "Mondial Bakery" }

{ "_id" : ObjectId("6176844cee1cd02766ebb915"), "address" : { "coord" : [ -74.028486, 40.630438 ] }, "borough" : "Brooklyn", "cuisine" : "Mediterranean", "name" : "Omonia Cafe" }
```

Next Question

>

>

> db.addresses.find(

```
...      { name :
```

```
...      { $regex : /^Mad/i, }
```

```
...      },
```

```

...      {
...      "name":1,
...      "borough":1,
...      "address.coord":1,
...      "cuisine" :1
...      }
...      )

{ "_id" : ObjectId("6176844cee1cd02766ebb78d"), "address" : { "coord" : [ -73.9860597, 40.7431194 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Madison Square" }

{ "_id" : ObjectId("6176844cee1cd02766ebb85b"), "address" : { "coord" : [ -73.98302199999999, 40.742313 ] }, "borough" : "Manhattan", "cuisine" : "Indian", "name" : "Madras Mahal" }

{ "_id" : ObjectId("6176844cee1cd02766ebbb09"), "address" : { "coord" : [ -74.000002, 40.72735 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Madame X" }

{ "_id" : ObjectId("6176844cee1cd02766ebbbb9"), "address" : { "coord" : [ -73.98171959999999, 40.7499406 ] }, "borough" : "Manhattan", "cuisine" : "French", "name" : "Madison Bistro" }

{ "_id" : ObjectId("6176844cee1cd02766ebbbc42"), "address" : { "coord" : [ -73.9717845, 40.6897199 ] }, "borough" : "Brooklyn", "cuisine" : "African", "name" : "Madiba" }

{ "_id" : ObjectId("6176844cee1cd02766ebbf47"), "address" : { "coord" : [ -73.9040753, 40.9069011 ] }, "borough" : "Bronx", "cuisine" : "Italian", "name" : "Madison'S" }

{ "_id" : ObjectId("6176844cee1cd02766ebbf5"), "address" : { "coord" : [ -73.9886598, 40.7565811 ] }, "borough" : "Manhattan", "cuisine" : "Hotdogs", "name" : "Madame Tussaud'S" }

{ "_id" : ObjectId("6176844cee1cd02766ebbfd"), "address" : { "coord" : [ -73.95623719999999, 40.7761697 ] }, "borough" : "Manhattan", "cuisine" : "American ", "name" : "Mad River Bar & Grille"
}

>

```