

```
Last login: Fri Nov 22 14:16:50 on ttys000
nikitabelii@Nikitas-MacBook-Air ~ % mongosh
Current Mongosh Log ID: 6740db5cd11542fcb81c511c
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.3.3
Using MongoDB:      8.0.1
Using Mongosh:       2.3.3
```

For mongosh info see: <https://www.mongodb.com/docs/mongodb-shell/>

The server generated these startup warnings when booting

2024-11-22T14:05:58.659-05:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

```
test> use restaurants_db
switched to db restaurants_db
restaurants_db> show collections
restaurants
restaurants_db> db.restaurants.find().pretty()
[
  {
    _id: ObjectId('6740dadd94582ab7f0b86ede'),
    address: {
      building: '1007',
      coord: [ -73.856077, 40.848447 ],
      street: 'Morris Park Ave',
      zipcode: '10462'
    },
    borough: 'Bronx',
    cuisine: 'Bakery',
    grades: [
      {
        date: ISODate('2014-03-03T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2013-09-11T00:00:00.000Z'),
        grade: 'A',
        score: 6
      },
      {
        date: ISODate('2013-01-24T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2011-11-23T00:00:00.000Z'),
        grade: 'A',
        score: 9
      },
      {
        date: ISODate('2011-03-10T00:00:00.000Z'),
        grade: 'B',
        score: 14
      }
    ],
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  },
  {
    _id: ObjectId('6740dadd94582ab7f0b86edf'),
    address: {
      building: '469',
      coord: [ -73.961704, 40.662942 ],
      street: 'Flatbush Avenue',
      zipcode: '11225'
    },
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    grades: [
      {
        date: ISODate('2014-12-30T00:00:00.000Z'),
        grade: 'A',
        score: 8
      },
      {
        date: ISODate('2014-07-01T00:00:00.000Z'),
        grade: 'B',
        score: 23
      },
      {
        date: ISODate('2013-04-30T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2012-05-08T00:00:00.000Z'),
        grade: 'A',
        score: 12
      }
    ],
    name: "Wendy'S",
    restaurant_id: '30112340'
  },
  {
    _id: ObjectId('6740dadd94582ab7f0b86ee0'),
    address: {
```

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    building: '351',
    coord: [ -73.98513559999999, 40.7676919 ],
    street: 'West 57 Street',
    zipcode: '10019'
  },
  borough: 'Manhattan',
  cuisine: 'Irish',
  grades: [
    {
      date: ISODate('2014-09-06T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2013-07-22T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2012-07-31T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2011-12-29T00:00:00.000Z'),
      grade: 'A',
      score: 12
    }
  ],
  name: 'Dj Reynolds Pub And Restaurant',
  restaurant_id: '30191841'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee1'),
  address: {
    building: '2780',
    coord: [ -73.98241999999999, 40.579505 ],
    street: 'Stillwell Avenue',
    zipcode: '11224'
  },
  borough: 'Brooklyn',
  cuisine: 'American ',
  grades: [
    {
      date: ISODate('2014-06-10T00:00:00.000Z'),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate('2013-06-05T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-04-13T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2011-10-12T00:00:00.000Z'),
      grade: 'A',
      score: 12
    }
  ],
  name: 'Riviera Caterer',
  restaurant_id: '40356018'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee2'),
  address: {
    building: '97-22',
    coord: [ -73.8601152, 40.7311739 ],
    street: '63 Road',
    zipcode: '11374'
  },
  borough: 'Queens',
  cuisine: 'Jewish/Kosher',
  grades: [
    {
      date: ISODate('2014-11-24T00:00:00.000Z'),
      grade: 'Z',
      score: 20
    },
    {
      date: ISODate('2013-01-17T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-08-02T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2011-12-15T00:00:00.000Z'),
      grade: 'B',
      score: 25
    }
  ]
}

```

```

],
name: 'Tov Kosher Kitchen',
restaurant_id: '40356068'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee3'),
  address: {
    building: '8825',
    coord: [ -73.8803827, 40.7643124 ],
    street: 'Astoria Boulevard',
    zipcode: '11369'
  },
  borough: 'Queens',
  cuisine: 'American ',
  grades: [
    {
      date: ISODate('2014-11-15T00:00:00.000Z'),
      grade: 'Z',
      score: 38
    },
    {
      date: ISODate('2014-05-02T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2013-03-02T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-02-10T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
  name: 'Brunos On The Boulevard',
  restaurant_id: '40356151'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee4'),
  address: {
    building: '2206',
    coord: [ -74.1377286, 40.6119572 ],
    street: 'Victory Boulevard',
    zipcode: '10314'
  },
  borough: 'Staten Island',
  cuisine: 'Jewish/Kosher',
  grades: [
    {
      date: ISODate('2014-10-06T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2014-05-20T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-04-04T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2012-01-24T00:00:00.000Z'),
      grade: 'A',
      score: 9
    }
  ],
  name: 'Kosher Island',
  restaurant_id: '40356442'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee5'),
  address: {
    building: '7114',
    coord: [ -73.9068506, 40.6199034 ],
    street: 'Avenue U',
    zipcode: '11234'
  },
  borough: 'Brooklyn',
  cuisine: 'Delicatessen',
  grades: [
    {
      date: ISODate('2014-05-29T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2014-01-14T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2013-08-03T00:00:00.000Z'),
      grade: 'A',

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    score: 8
  },
  {
    date: ISODate('2012-07-18T00:00:00.000Z'),
    grade: 'A',
    score: 10
  },
  {
    date: ISODate('2012-03-09T00:00:00.000Z'),
    grade: 'A',
    score: 13
  },
  {
    date: ISODate('2011-10-14T00:00:00.000Z'),
    grade: 'A',
    score: 9
  }
],
name: "Wilken'S Fine Food",
restaurant_id: '40356483'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee6'),
  address: {
    building: '6409',
    coord: [ -74.00528899999999, 40.628886 ],
    street: '11 Avenue',
    zipcode: '11219'
  },
  borough: 'Brooklyn',
  cuisine: 'American ',
  grades: [
    {
      date: ISODate('2014-07-18T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-07-30T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-02-13T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2012-08-16T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2011-08-17T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ],
  name: 'Regina Caterers',
  restaurant_id: '40356649'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee7'),
  address: {
    building: '1839',
    coord: [ -73.9482609, 40.6408271 ],
    street: 'Nostrand Avenue',
    zipcode: '11226'
  },
  borough: 'Brooklyn',
  cuisine: 'Ice Cream, Gelato, Yogurt, Ices',
  grades: [
    {
      date: ISODate('2014-07-14T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-07-10T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2012-07-11T00:00:00.000Z'),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate('2012-02-23T00:00:00.000Z'),
      grade: 'A',
      score: 8
    }
  ],
  name: 'Taste The Tropics Ice Cream',
  restaurant_id: '40356731'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee8'),

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```

address: {
  building: '2300',
  coord: [ -73.8786113, 40.8502883 ],
  street: 'Southern Boulevard',
  zipcode: '10460'
},
borough: 'Bronx',
cuisine: 'American ',
grades: [
  {
    date: ISODate('2014-05-28T00:00:00.000Z'),
    grade: 'A',
    score: 11
  },
  {
    date: ISODate('2013-06-19T00:00:00.000Z'),
    grade: 'A',
    score: 4
  },
  {
    date: ISODate('2012-06-15T00:00:00.000Z'),
    grade: 'A',
    score: 3
  }
],
name: 'Wild Asia',
restaurant_id: '40357217'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee9'),
  address: {
    building: '7715',
    coord: [ -73.9973325, 40.61174889999999 ],
    street: '18 Avenue',
    zipcode: '11214'
  },
  borough: 'Brooklyn',
  cuisine: 'American ',
  grades: [
    {
      date: ISODate('2014-04-16T00:00:00.000Z'),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate('2013-04-23T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2012-04-24T00:00:00.000Z'),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate('2011-12-16T00:00:00.000Z'),
      grade: 'A',
      score: 2
    }
  ],
  name: 'C & C Catering Service',
  restaurant_id: '40357437'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86eea'),
  address: {
    building: '1269',
    coord: [ -73.871194, 40.6730975 ],
    street: 'Sutter Avenue',
    zipcode: '11208'
  },
  borough: 'Brooklyn',
  cuisine: 'Chinese',
  grades: [
    {
      date: ISODate('2014-09-16T00:00:00.000Z'),
      grade: 'B',
      score: 21
    },
    {
      date: ISODate('2013-08-28T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2013-04-02T00:00:00.000Z'),
      grade: 'C',
      score: 56
    },
    {
      date: ISODate('2012-08-15T00:00:00.000Z'),
      grade: 'B',
      score: 27
    },
    {
      date: ISODate('2012-03-28T00:00:00.000Z'),
      grade: 'B',
      score: 27
    }
  ]
}

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    }
  ],
  name: 'May May Kitchen',
  restaurant_id: '40358429'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86eeb'),
  address: {
    building: '1',
    coord: [ -73.96926909999999, 40.7685235 ],
    street: 'East 66 Street',
    zipcode: '10065'
  },
  borough: 'Manhattan',
  cuisine: 'American ',
  grades: [
    {
      date: ISODate('2014-05-07T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-05-03T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2012-04-30T00:00:00.000Z'),
      grade: 'A',
      score: 6
    },
    {
      date: ISODate('2011-12-27T00:00:00.000Z'),
      grade: 'A',
      score: 0
    }
  ],
  name: '1 East 66Th Street Kitchen',
  restaurant_id: '40359480'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86eec'),
  address: {
    building: '705',
    coord: [ -73.9653967, 40.6064339 ],
    street: 'Kings Highway',
    zipcode: '11223'
  },
  borough: 'Brooklyn',
  cuisine: 'Jewish/Kosher',
  grades: [
    {
      date: ISODate('2014-11-10T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-10-10T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-10-04T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-05-21T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2011-12-30T00:00:00.000Z'),
      grade: 'B',
      score: 19
    }
  ],
  name: 'Seuda Foods',
  restaurant_id: '40360045'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86eed'),
  address: {
    building: '203',
    coord: [ -73.97822040000001, 40.6435254 ],
    street: 'Church Avenue',
    zipcode: '11218'
  },
  borough: 'Brooklyn',
  cuisine: 'Ice Cream, Gelato, Yogurt, Ices',
  grades: [
    {
      date: ISODate('2014-02-10T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2013-01-02T00:00:00.000Z'),

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        grade: 'A',
        score: 13
    },
    {
        date: ISODate('2012-01-09T00:00:00.000Z'),
        grade: 'A',
        score: 3
    },
    {
        date: ISODate('2011-11-07T00:00:00.000Z'),
        grade: 'P',
        score: 12
    },
    {
        date: ISODate('2011-07-21T00:00:00.000Z'),
        grade: 'A',
        score: 13
    }
],
name: 'Carvel Ice Cream',
restaurant_id: '40360076'
},
{
    _id: ObjectId('6740dadd94582ab7f0b86eee'),
    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('2014-10-28T00:00:00.000Z'),
            grade: 'A',
            score: 9
        },
        {
            date: ISODate('2013-09-18T00:00:00.000Z'),
            grade: 'A',
            score: 10
        },
        {
            date: ISODate('2012-09-20T00:00:00.000Z'),
            grade: 'A',
            score: 13
        }
    ],
    name: 'Carvel Ice Cream',
    restaurant_id: '40361322'
},
{
    _id: ObjectId('6740dadd94582ab7f0b86eef'),
    address: {
        building: '6909',
        coord: [ -74.0259567, 40.6353674 ],
        street: '3 Avenue',
        zipcode: '11209'
    },
    borough: 'Brooklyn',
    cuisine: 'Delicatessen',
    grades: [
        {
            date: ISODate('2014-08-21T00:00:00.000Z'),
            grade: 'A',
            score: 4
        },
        {
            date: ISODate('2014-03-05T00:00:00.000Z'),
            grade: 'A',
            score: 3
        },
        {
            date: ISODate('2013-01-10T00:00:00.000Z'),
            grade: 'A',
            score: 10
        }
    ],
    name: 'Nordic Delicacies',
    restaurant_id: '40361390'
},
{
    _id: ObjectId('6740dadd94582ab7f0b86ef0'),
    address: {
        building: '522',
        coord: [ -73.95171, 40.767461 ],
        street: 'East 74 Street',
        zipcode: '10021'
    },
    borough: 'Manhattan',
    cuisine: 'American ',
    grades: [
        {
            date: ISODate('2014-09-02T00:00:00.000Z'),
            grade: 'A',
            score: 12
        }
    ],

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    {
      date: ISODate('2013-12-19T00:00:00.000Z'),
      grade: 'B',
      score: 16
    },
    {
      date: ISODate('2013-05-28T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2012-12-07T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-03-29T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ],
  name: 'Glorious Food',
  restaurant_id: '40361521'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ef1'),
  address: {
    building: '284',
    coord: [ -73.9829239, 40.6580753 ],
    street: 'Prospect Park West',
    zipcode: '11215'
  },
  borough: 'Brooklyn',
  cuisine: 'American ',
  grades: [
    {
      date: ISODate('2014-11-19T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-11-14T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2012-12-05T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-05-17T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ],
  name: 'The Movable Feast',
  restaurant_id: '40361606'
}
]
Type "it" for more
restaurants_db> use restaurants_db
already on db restaurants_db
restaurants_db>

restaurants_db> db.restaurants.find({ borough: "Queens" }).limit(5)
[
  {
    _id: ObjectId('6740dadd94582ab7f0b86ee2'),
    address: {
      building: '97-22',
      coord: [ -73.8601152, 40.7311739 ],
      street: '63 Road',
      zipcode: '11374'
    },
    borough: 'Queens',
    cuisine: 'Jewish/Kosher',
    grades: [
      {
        date: ISODate('2014-11-24T00:00:00.000Z'),
        grade: 'Z',
        score: 20
      },
      {
        date: ISODate('2013-01-17T00:00:00.000Z'),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate('2012-08-02T00:00:00.000Z'),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate('2011-12-15T00:00:00.000Z'),
        grade: 'B',
        score: 25
      }
    ]
  }
]

```



```

],
name: 'Tov Kosher Kitchen',
restaurant_id: '40356068'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ee3'),
  address: {
    building: '8825',
    coord: [ -73.8803827, 40.7643124 ],
    street: 'Astoria Boulevard',
    zipcode: '11369'
  },
  borough: 'Queens',
  cuisine: 'American ',
  grades: [
    {
      date: ISODate('2014-11-15T00:00:00.000Z'),
      grade: 'Z',
      score: 38
    },
    {
      date: ISODate('2014-05-02T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2013-03-02T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-02-10T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
  name: 'Brunos On The Boulevard',
  restaurant_id: '40356151'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86eee'),
  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('2014-10-28T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2013-09-18T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2012-09-20T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
  name: 'Carvel Ice Cream',
  restaurant_id: '40361322'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ef2'),
  address: {
    building: '129-08',
    coord: [ -73.839297, 40.78147 ],
    street: '20 Avenue',
    zipcode: '11356'
  },
  borough: 'Queens',
  cuisine: 'Delicatessen',
  grades: [
    {
      date: ISODate('2014-08-16T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-08-27T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2012-09-20T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2011-09-29T00:00:00.000Z'),
      grade: 'A',

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    score: 10
  }
],
name: "Sal'S Deli",
restaurant_id: '40361618'
},
{
  _id: ObjectId('6740dadd94582ab7f0b86ef4'),
  address: {
    building: '3406',
    coord: [ -73.94024739999999, 40.7623288 ],
    street: '10 Street',
    zipcode: '11106'
  },
  borough: 'Queens',
  cuisine: 'Delicatessen',
  grades: [
    {
      date: ISODate('2014-03-19T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-03-13T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2012-03-27T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2011-04-05T00:00:00.000Z'),
      grade: 'A',
      score: 7
    }
  ],
  name: "Steve Chu'S Deli & Grocery",
  restaurant_id: '40361998'
}
]
restaurants_db> db.restaurants.find(
... { borough: "Queens" },
... { restaurant_id: 1, name: 1, _id: 0 }
... ).limit(5)
[
  { name: 'Tov Kosher Kitchen', restaurant_id: '40356068' },
  { name: 'Brunos On The Boulevard', restaurant_id: '40356151' },
  { name: 'Carvel Ice Cream', restaurant_id: '40361322' },
  { name: "Sal'S Deli", restaurant_id: '40361618' },
  { name: "Steve Chu'S Deli & Grocery", restaurant_id: '40361998' }
]
restaurants_db> db.restaurants.find(
... {
...   cuisine: { $ne: "Chinese" },
...   "grades.grade": "B"
... },
... { restaurant_id: 1, name: 1, _id: 0 }
... ).sort({ cuisine: -1 })
[
  { name: 'Pho Bang Restaurant', restaurant_id: '40700664' },
  {
    name: 'Pho Bac Vietnamese Seafood Cuisine',
    restaurant_id: '40578058'
  },
  {
    name: 'Nha-Trang Centre Vietnam Restaurant',
    restaurant_id: '40751226'
  },
  { name: 'Candle Cafe', restaurant_id: '40399007' },
  { name: 'Angelica Kitchen', restaurant_id: '40388281' },
  { name: 'Caravan Of Dreams', restaurant_id: '40635781' },
  { name: 'Uskudar Restaurant', restaurant_id: '40559172' },
  { name: 'Kebab House', restaurant_id: '40608102' },
  { name: 'Memo Shish Kebab', restaurant_id: '40762828' },
  { name: 'Turkuaz Turkish Cuisine', restaurant_id: '40749081' },
  { name: 'Sahara Restaurant', restaurant_id: '40563596' },
  { name: 'Saharas Turkish Cuisine', restaurant_id: '40815015' },
  { name: 'Turkish Cuisine', restaurant_id: '40668464' },
  { name: 'Cafe Asean', restaurant_id: '40510969' },
  { name: 'Wondee Siam II', restaurant_id: '40871795' },
  { name: 'Topaz Thai Restaurant', restaurant_id: '40394164' },
  { name: 'Arharn Thai Cuisine', restaurant_id: '40396267' },
  { name: 'Joya', restaurant_id: '40799210' },
  { name: 'Bangkok Grand Palace', restaurant_id: '40399285' },
  { name: "Bennie'S Thai Cafe", restaurant_id: '40557279' }
]
Type "it" for more
restaurants_db> db.restaurants.find(
... {},
... { restaurant_id: 1, name: 1, cuisine: 1, borough: 1, _id: 0 }
... ).limit(5)
[
  {
    borough: 'Bronx',
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',

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    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'
  }
]
restaurants_db> db.restaurants.find(
...   { borough: "Bronx" },
...   { restaurant_id: 1, name: 1, _id: 0 }
... ).skip(5).limit(5)
[
  { name: 'Manhem Club', restaurant_id: '40364363' },
  {
    name: 'The New Starling Athletic Club Of The Bronx',
    restaurant_id: '40364956'
  },
  { name: 'Yankee Tavern', restaurant_id: '40365499' },
  { name: 'Mcdwyers Pub', restaurant_id: '40365893' },
  { name: 'The Punch Bowl', restaurant_id: '40366497' }
]
restaurants_db> db.restaurants.find(
...   { cuisine: { $nin: ["American ", "Chinese"] } },
...   { restaurant_id: 1, name: 1, borough: 1, cuisine: 1, _id: 0 }
... )
[
  {
    borough: 'Bronx',
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: "Wendy'S",
    restaurant_id: '30112340'
  },
  {
    borough: 'Manhattan',
    cuisine: 'Irish',
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'
  },
  {
    borough: 'Queens',
    cuisine: 'Jewish/Kosher',
    name: 'Tov Kosher Kitchen',
    restaurant_id: '40356068'
  },
  {
    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: 'Ice Cream, Gelato, Yogurt, Ices',
    name: 'Taste The Tropics Ice Cream',
    restaurant_id: '40356731'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'Jewish/Kosher',
    name: 'Seuda Foods',
    restaurant_id: '40360045'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'Ice Cream, Gelato, Yogurt, Ices',
    name: 'Carvel Ice Cream',

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    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: 'Queens',
    cuisine: 'Delicatessen',
    name: "Sal'S Deli",
    restaurant_id: '40361618'
  },
  {
    borough: 'Manhattan',
    cuisine: 'Delicatessen',
    name: "Bully'S Deli",
    restaurant_id: '40361708'
  },
  {
    borough: 'Queens',
    cuisine: 'Delicatessen',
    name: "Steve Chu'S Deli & Grocery",
    restaurant_id: '40361998'
  },
  {
    borough: 'Manhattan',
    cuisine: 'Chicken',
    name: "Harriet'S Kitchen",
    restaurant_id: '40362098'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: 'White Castle',
    restaurant_id: '40362344'
  },
  {
    borough: 'Manhattan',
    cuisine: 'Turkish',
    name: 'The Country Cafe',
    restaurant_id: '40362715'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'Caribbean',
    name: "Shashemene Int'L Restaura",
    restaurant_id: '40362869'
  },
  {
    borough: 'Bronx',
    cuisine: 'Ice Cream, Gelato, Yogurt, Ices',
    name: 'Carvel Ice Cream',
    restaurant_id: '40363093'
  },
  {
    borough: 'Brooklyn',
    cuisine: 'Donuts',
    name: "Dunkin' Donuts",
    restaurant_id: '40363098'
  }
]
Type "it" for more
restaurants_db> db.restaurants.find(
...   {
...     "grades.score": { $gt: 70, $lt: 90 }
...   },
...   { restaurant_id: 1, name: 1, _id: 0 }
... )
[
  { name: "Murals On 54/Randolphs'S", restaurant_id: '40372466' },
  { name: 'Gandhi', restaurant_id: '40381295' },
  { name: 'Live Bait Bar & Restaurant', restaurant_id: '40387237' },
  { name: 'Bella Napoli', restaurant_id: '40393488' },
  { name: 'El Molino Rojo Restaurant', restaurant_id: '40393688' },
  { name: 'Fortunato Bros Cafe & Bakery', restaurant_id: '40400561' },
  { name: 'B.B. Kings', restaurant_id: '40704853' },
  { name: 'Two Boots Grand Central', restaurant_id: '40725591' },
  {
    name: 'West 79Th Street Boat Basin Cafe',
    restaurant_id: '40756344'
  }
]
restaurants_db> db.restaurants.find(
...   { borough: { $in: ["Manhattan", "Queens", "Bronx"] } },
...   { restaurant_id: 1, name: 1, cuisine: 1, _id: 0 }
... )
[
  {
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',

```

```

    restaurant_id: '30075445'
  },
  {
    cuisine: 'Irish',
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'
  },
  {
    cuisine: 'Jewish/Kosher',
    name: 'Tov Kosher Kitchen',
    restaurant_id: '40356068'
  },
  {
    cuisine: 'American ',
    name: 'Brunos On The Boulevard',
    restaurant_id: '40356151'
  },
  {
    cuisine: 'American ',
    name: 'Wild Asia',
    restaurant_id: '40357217'
  },
  {
    cuisine: 'American ',
    name: '1 East 66Th Street Kitchen',
    restaurant_id: '40359480'
  },
  {
    cuisine: 'Ice Cream, Gelato, Yogurt, Ices',
    name: 'Carvel Ice Cream',
    restaurant_id: '40361322'
  },
  {
    cuisine: 'American ',
    name: 'Glorious Food',
    restaurant_id: '40361521'
  },
  {
    cuisine: 'Delicatessen',
    name: "Sal'S Deli",
    restaurant_id: '40361618'
  },
  {
    cuisine: 'Delicatessen',
    name: "Bully'S Deli",
    restaurant_id: '40361708'
  },
  {
    cuisine: 'Delicatessen',
    name: "Steve Chu'S Deli & Grocery",
    restaurant_id: '40361998'
  },
  {
    cuisine: 'Chicken',
    name: "Harriet'S Kitchen",
    restaurant_id: '40362098'
  },
  {
    cuisine: 'American ',
    name: 'P & S Deli Grocery',
    restaurant_id: '40362264'
  },
  {
    cuisine: 'American ',
    name: 'Angelika Film Center',
    restaurant_id: '40362274'
  },
  {
    cuisine: 'Chinese',
    name: 'Ho Mei Restaurant',
    restaurant_id: '40362432'
  },
  {
    cuisine: 'Turkish',
    name: 'The Country Cafe',
    restaurant_id: '40362715'
  },
  {
    cuisine: 'American ',
    name: 'Downtown Deli',
    restaurant_id: '40363021'
  },
  {
    cuisine: 'Ice Cream, Gelato, Yogurt, Ices',
    name: 'Carvel Ice Cream',
    restaurant_id: '40363093'
  },
  {
    cuisine: 'Bakery', name: "Olive'S", restaurant_id: '40363151' },
  {
    cuisine: 'Chinese',
    name: 'Happy Garden',
    restaurant_id: '40363289'
  }
}
]
Type "it" for more
restaurants_db> db.restaurants.find(
...   { "address.coord.0": { $lt: -93 } },
...   { restaurant_id: 1, name: 1, _id: 0 }

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... )
[
  { name: 'Burger King', restaurant_id: '40534067' },
  { name: "Cascarino'S", restaurant_id: '40668681' },
  {
    name: 'Sports Center At Chelsea Piers (Sushi Bar)',
    restaurant_id: '40882356'
  }
]
restaurants_db> db.restaurants.find(
...   { "grades.score": { $mod: [7, 0] } },
...   { restaurant_id: 1, name: 1, grades: 1, _id: 0 }
... )
[
  {
    grades: [
      {
        date: ISODate('2014-03-03T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2013-09-11T00:00:00.000Z'),
        grade: 'A',
        score: 6
      },
      {
        date: ISODate('2013-01-24T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2011-11-23T00:00:00.000Z'),
        grade: 'A',
        score: 9
      },
      {
        date: ISODate('2011-03-10T00:00:00.000Z'),
        grade: 'B',
        score: 14
      }
    ],
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  },
  {
    grades: [
      {
        date: ISODate('2014-06-10T00:00:00.000Z'),
        grade: 'A',
        score: 5
      },
      {
        date: ISODate('2013-06-05T00:00:00.000Z'),
        grade: 'A',
        score: 7
      },
      {
        date: ISODate('2012-04-13T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2011-10-12T00:00:00.000Z'),
        grade: 'A',
        score: 12
      }
    ],
    name: 'Riviera Caterer',
    restaurant_id: '40356018'
  },
  {
    grades: [
      {
        date: ISODate('2014-11-15T00:00:00.000Z'),
        grade: 'Z',
        score: 38
      },
      {
        date: ISODate('2014-05-02T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2013-03-02T00:00:00.000Z'),
        grade: 'A',
        score: 7
      },
      {
        date: ISODate('2012-02-10T00:00:00.000Z'),
        grade: 'A',
        score: 13
      }
    ],
    name: 'Brunos On The Boulevard',
    restaurant_id: '40356151'
  },
  {

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grades: [
  {
    date: ISODate('2014-09-16T00:00:00.000Z'),
    grade: 'B',
    score: 21
  },
  {
    date: ISODate('2013-08-28T00:00:00.000Z'),
    grade: 'A',
    score: 7
  },
  {
    date: ISODate('2013-04-02T00:00:00.000Z'),
    grade: 'C',
    score: 56
  },
  {
    date: ISODate('2012-08-15T00:00:00.000Z'),
    grade: 'B',
    score: 27
  },
  {
    date: ISODate('2012-03-28T00:00:00.000Z'),
    grade: 'B',
    score: 27
  }
],
name: 'May May Kitchen',
restaurant_id: '40358429'
},
{
  grades: [
    {
      date: ISODate('2014-05-07T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-05-03T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2012-04-30T00:00:00.000Z'),
      grade: 'A',
      score: 6
    },
    {
      date: ISODate('2011-12-27T00:00:00.000Z'),
      grade: 'A',
      score: 0
    }
  ],
  name: '1 East 66Th Street Kitchen',
  restaurant_id: '40359480'
},
{
  grades: [
    {
      date: ISODate('2014-11-10T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-10-10T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-10-04T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-05-21T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2011-12-30T00:00:00.000Z'),
      grade: 'B',
      score: 19
    }
  ],
  name: 'Seuda Foods',
  restaurant_id: '40360045'
},
{
  grades: [
    {
      date: ISODate('2014-08-16T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-08-27T00:00:00.000Z'),
      grade: 'A',
      score: 9
    }
  ]
}

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    },
    {
      date: ISODate('2012-09-20T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2011-09-29T00:00:00.000Z'),
      grade: 'A',
      score: 10
    }
  ],
  name: "Sal'S Deli",
  restaurant_id: '40361618'
},
{
  grades: [
    {
      date: ISODate('2014-03-19T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-03-13T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2012-03-27T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2011-04-05T00:00:00.000Z'),
      grade: 'A',
      score: 7
    }
  ],
  name: "Steve Chu'S Deli & Grocery",
  restaurant_id: '40361998'
},
{
  grades: [
    {
      date: ISODate('2014-09-15T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2014-03-04T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2013-07-18T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2013-01-09T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2012-04-10T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2011-11-15T00:00:00.000Z'),
      grade: 'A',
      score: 7
    }
  ],
  name: "Harriet'S Kitchen",
  restaurant_id: '40362098'
},
{
  grades: [
    {
      date: ISODate('2014-03-18T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2013-03-18T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2012-10-10T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2011-09-22T00:00:00.000Z'),
      grade: 'A',
      score: 2
    }
  ]
}

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    }
  ],
  name: 'White Castle',
  restaurant_id: '40362344'
},
{
  grades: [
    {
      date: ISODate('2014-04-21T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2013-11-12T00:00:00.000Z'),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate('2013-06-04T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2012-11-14T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2012-10-11T00:00:00.000Z'),
      grade: 'P',
      score: 0
    },
    {
      date: ISODate('2012-05-24T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2011-12-08T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2011-07-20T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ],
  name: 'Ho Mei Restaurant',
  restaurant_id: '40362432'
},
{
  grades: [
    {
      date: ISODate('2014-05-13T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2013-05-08T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-09-22T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2011-06-06T00:00:00.000Z'),
      grade: 'A',
      score: 12
    }
  ],
  name: "Shashemene Int'L Restaura",
  restaurant_id: '40362869'
},
{
  grades: [
    {
      date: ISODate('2014-10-17T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-09-18T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2013-04-30T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-04-20T00:00:00.000Z'),
      grade: 'A',
      score: 7
    }
  ]
}

```

```

    },
    {
      date: ISODate('2011-12-19T00:00:00.000Z'),
      grade: 'A',
      score: 3
    }
  ],
  name: "Olive'S",
  restaurant_id: '40363151'
},
{
  grades: [
    {
      date: ISODate('2014-02-21T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-09-13T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2012-08-28T00:00:00.000Z'),
      grade: 'A',
      score: 0
    },
    {
      date: ISODate('2011-09-13T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2011-05-03T00:00:00.000Z'),
      grade: 'A',
      score: 5
    }
  ],
  name: 'Lexler Deli',
  restaurant_id: '40363426'
},
{
  grades: [
    {
      date: ISODate('2014-02-25T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2013-08-14T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2012-08-07T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-03-26T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2011-11-04T00:00:00.000Z'),
      grade: 'A',
      score: 0
    },
    {
      date: ISODate('2011-06-29T00:00:00.000Z'),
      grade: 'A',
      score: 4
    }
  ],
  name: 'Snack Time Grill',
  restaurant_id: '40363590'
},
{
  grades: [
    {
      date: ISODate('2014-06-02T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2013-12-27T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2013-03-18T00:00:00.000Z'),
      grade: 'B',
      score: 26
    },
    {
      date: ISODate('2012-02-01T00:00:00.000Z'),
      grade: 'A',
      score: 7
    }
  ]
}

```

```

    },
    {
      date: ISODate('2011-07-06T00:00:00.000Z'),
      grade: 'B',
      score: 25
    }
  ],
  name: "Lorenzo & Maria'S",
  restaurant_id: '40363630'
},
{
  grades: [
    {
      date: ISODate('2014-08-05T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2014-03-06T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-07-09T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-01-30T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2012-01-05T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2011-09-26T00:00:00.000Z'),
      grade: 'A',
      score: 0
    }
  ],
  name: "Domino'S Pizza",
  restaurant_id: '40363644'
},
{
  grades: [
    {
      date: ISODate('2014-02-05T00:00:00.000Z'),
      grade: 'A',
      score: 0
    },
    {
      date: ISODate('2013-01-29T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2011-12-08T00:00:00.000Z'),
      grade: 'A',
      score: 10
    }
  ],
  name: "Sonny'S Heros",
  restaurant_id: '40363744'
},
{
  grades: [
    {
      date: ISODate('2014-11-18T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-11-07T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-04-24T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-03-20T00:00:00.000Z'),
      grade: 'A',
      score: 5
    }
  ],
  name: 'Plaza Bagels & Deli',
  restaurant_id: '40364286'
},
{
  grades: [
    {
      date: ISODate('2015-01-06T00:00:00.000Z'),
      grade: 'A',

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    score: 12
  },
  {
    date: ISODate('2014-07-15T00:00:00.000Z'),
    grade: 'C',
    score: 48
  },
  {
    date: ISODate('2013-05-02T00:00:00.000Z'),
    grade: 'A',
    score: 13
  },
  {
    date: ISODate('2012-09-24T00:00:00.000Z'),
    grade: 'A',
    score: 8
  },
  {
    date: ISODate('2012-04-19T00:00:00.000Z'),
    grade: 'A',
    score: 7
  }
],
name: 'Texas Rotisserie',
restaurant_id: '40364304'
}
]
Type "it" for more
restaurants_db> db.restaurants.find(
... {
...   $and: [
...     { "grades.score": { $lt: 5 } },
...     { borough: { $in: ["Manhattan", "Brooklyn"] } }
...   ]
... },
... { restaurant_id: 1, name: 1, borough: 1, grades: 1, _id: 0 }
... )
[
  {
    borough: 'Manhattan',
    grades: [
      {
        date: ISODate('2014-09-06T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2013-07-22T00:00:00.000Z'),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate('2012-07-31T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2011-12-29T00:00:00.000Z'),
        grade: 'A',
        score: 12
      }
    ],
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'
  },
  {
    borough: 'Brooklyn',
    grades: [
      {
        date: ISODate('2014-07-18T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2013-07-30T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2013-02-13T00:00:00.000Z'),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate('2012-08-16T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2011-08-17T00:00:00.000Z'),
        grade: 'A',
        score: 11
      }
    ],
    name: 'Regina Caterers',
    restaurant_id: '40356649'
  },
  {

```

```

borough: 'Brooklyn',
grades: [
  {
    date: ISODate('2014-04-16T00:00:00.000Z'),
    grade: 'A',
    score: 5
  },
  {
    date: ISODate('2013-04-23T00:00:00.000Z'),
    grade: 'A',
    score: 2
  },
  {
    date: ISODate('2012-04-24T00:00:00.000Z'),
    grade: 'A',
    score: 5
  },
  {
    date: ISODate('2011-12-16T00:00:00.000Z'),
    grade: 'A',
    score: 2
  }
],
name: 'C & C Catering Service',
restaurant_id: '40357437'
},
{
  borough: 'Manhattan',
  grades: [
    {
      date: ISODate('2014-05-07T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-05-03T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2012-04-30T00:00:00.000Z'),
      grade: 'A',
      score: 6
    },
    {
      date: ISODate('2011-12-27T00:00:00.000Z'),
      grade: 'A',
      score: 0
    }
  ],
  name: '1 East 66Th Street Kitchen',
  restaurant_id: '40359480'
},
{
  borough: 'Brooklyn',
  grades: [
    {
      date: ISODate('2014-02-10T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2013-01-02T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-01-09T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2011-11-07T00:00:00.000Z'),
      grade: 'P',
      score: 12
    },
    {
      date: ISODate('2011-07-21T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
  name: 'Carvel Ice Cream',
  restaurant_id: '40360076'
},
{
  borough: 'Brooklyn',
  grades: [
    {
      date: ISODate('2014-08-21T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2014-03-05T00:00:00.000Z'),
      grade: 'A',
      score: 3
    }
  ],

```

```

    {
      date: ISODate('2013-01-10T00:00:00.000Z'),
      grade: 'A',
      score: 10
    }
  ],
  name: 'Nordic Delicacies',
  restaurant_id: '40361390'
},
{
  borough: 'Brooklyn',
  grades: [
    {
      date: ISODate('2014-11-19T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-11-14T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2012-12-05T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-05-17T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ],
  name: 'The Movable Feast',
  restaurant_id: '40361606'
},
{
  borough: 'Manhattan',
  grades: [
    {
      date: ISODate('2014-04-03T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2013-04-05T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2012-03-21T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2011-04-27T00:00:00.000Z'),
      grade: 'A',
      score: 5
    }
  ],
  name: 'Angelika Film Center',
  restaurant_id: '40362274'
},
{
  borough: 'Brooklyn',
  grades: [
    {
      date: ISODate('2014-03-18T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2013-03-18T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2012-10-10T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2011-09-22T00:00:00.000Z'),
      grade: 'A',
      score: 2
    }
  ],
  name: 'White Castle',
  restaurant_id: '40362344'
},
{
  borough: 'Brooklyn',
  grades: [
    {
      date: ISODate('2014-05-13T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },

```

```

    {
      date: ISODate('2013-05-08T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-09-22T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2011-06-06T00:00:00.000Z'),
      grade: 'A',
      score: 12
    }
  ],
  name: "Shashemene Int'L Restaura",
  restaurant_id: '40362869'
},
{
  borough: 'Manhattan',
  grades: [
    {
      date: ISODate('2014-10-17T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-09-18T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2013-04-30T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-04-20T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2011-12-19T00:00:00.000Z'),
      grade: 'A',
      score: 3
    }
  ],
  name: "Olive'S",
  restaurant_id: '40363151'
},
{
  borough: 'Manhattan',
  grades: [
    {
      date: ISODate('2014-06-09T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2014-01-10T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2012-12-07T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2011-12-13T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2011-09-09T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
  name: 'Cafe Metro',
  restaurant_id: '40363298'
},
{
  borough: 'Manhattan',
  grades: [
    {
      date: ISODate('2014-02-21T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-09-13T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2012-08-28T00:00:00.000Z'),

```

```

        grade: 'A',
        score: 0
    },
    {
        date: ISODate('2011-09-13T00:00:00.000Z'),
        grade: 'A',
        score: 12
    },
    {
        date: ISODate('2011-05-03T00:00:00.000Z'),
        grade: 'A',
        score: 5
    }
],
name: 'Lexler Deli',
restaurant_id: '40363426'
},
{
    borough: 'Manhattan',
    grades: [
        {
            date: ISODate('2014-08-05T00:00:00.000Z'),
            grade: 'A',
            score: 3
        },
        {
            date: ISODate('2014-03-06T00:00:00.000Z'),
            grade: 'A',
            score: 11
        },
        {
            date: ISODate('2013-07-09T00:00:00.000Z'),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate('2013-01-30T00:00:00.000Z'),
            grade: 'A',
            score: 4
        },
        {
            date: ISODate('2012-01-05T00:00:00.000Z'),
            grade: 'A',
            score: 2
        },
        {
            date: ISODate('2011-09-26T00:00:00.000Z'),
            grade: 'A',
            score: 0
        }
    ],
    name: "Domino'S Pizza",
    restaurant_id: '40363644'
},
{
    borough: 'Brooklyn',
    grades: [
        {
            date: ISODate('2014-02-05T00:00:00.000Z'),
            grade: 'A',
            score: 0
        },
        {
            date: ISODate('2013-01-29T00:00:00.000Z'),
            grade: 'A',
            score: 3
        },
        {
            date: ISODate('2011-12-08T00:00:00.000Z'),
            grade: 'A',
            score: 10
        }
    ],
    name: "Sonny'S Heros",
    restaurant_id: '40363744'
},
{
    borough: 'Brooklyn',
    grades: [
        {
            date: ISODate('2014-04-23T00:00:00.000Z'),
            grade: 'A',
            score: 13
        },
        {
            date: ISODate('2013-03-26T00:00:00.000Z'),
            grade: 'A',
            score: 10
        },
        {
            date: ISODate('2012-03-13T00:00:00.000Z'),
            grade: 'A',
            score: 4
        },
        {
            date: ISODate('2011-11-16T00:00:00.000Z'),
            grade: 'A',
            score: 13
        }
    ]
}

```



```

    },
    name: 'Golden Pavillion',
    restaurant_id: '40363920'
  },
  {
    borough: 'Brooklyn',
    grades: [
      {
        date: ISODate('2014-03-08T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2013-09-28T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2013-03-26T00:00:00.000Z'),
        grade: 'A',
        score: 3
      },
      {
        date: ISODate('2012-09-10T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2011-08-15T00:00:00.000Z'),
        grade: 'A',
        score: 13
      }
    ]
  },
  name: 'Peter Luger Steakhouse',
  restaurant_id: '40364335'
},
{
  borough: 'Manhattan',
  grades: [
    {
      date: ISODate('2014-10-16T00:00:00.000Z'),
      grade: 'B',
      score: 24
    },
    {
      date: ISODate('2014-05-02T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2013-04-02T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-10-19T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2012-04-27T00:00:00.000Z'),
      grade: 'B',
      score: 17
    },
    {
      date: ISODate('2011-11-29T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ]
},
  name: 'Metropolitan Club',
  restaurant_id: '40364347'
},
{
  borough: 'Brooklyn',
  grades: [
    {
      date: ISODate('2014-05-31T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2013-05-10T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2012-02-17T00:00:00.000Z'),
      grade: 'A',
      score: 6
    },
    {
      date: ISODate('2011-10-14T00:00:00.000Z'),
      grade: 'C',
      score: 54
    }
  ]
}
]

```

```

    name: 'Polish National Home',
    restaurant_id: '40364404'
  },
  {
    borough: 'Manhattan',
    grades: [
      {
        date: ISODate('2014-12-15T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2014-08-07T00:00:00.000Z'),
        grade: 'C',
        score: 40
      },
      {
        date: ISODate('2013-07-29T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2012-12-13T00:00:00.000Z'),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate('2012-07-30T00:00:00.000Z'),
        grade: 'C',
        score: 4
      },
      {
        date: ISODate('2012-02-16T00:00:00.000Z'),
        grade: 'A',
        score: 2
      }
    ],
    name: 'Nyac Main Dining Room',
    restaurant_id: '40364467'
  }
]
Type "it" for more
restaurants_db> db.restaurants.find(
...   { name: { $regex: /^B/, $options: "i" } },
...   { restaurant_id: 1, name: 1, grades: 1, _id: 0 }
... )
[
  {
    grades: [
      {
        date: ISODate('2014-11-15T00:00:00.000Z'),
        grade: 'Z',
        score: 38
      },
      {
        date: ISODate('2014-05-02T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2013-03-02T00:00:00.000Z'),
        grade: 'A',
        score: 7
      },
      {
        date: ISODate('2012-02-10T00:00:00.000Z'),
        grade: 'A',
        score: 13
      }
    ],
    name: 'Brunos On The Boulevard',
    restaurant_id: '40356151'
  },
  {
    grades: [
      {
        date: ISODate('2014-01-21T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2013-01-04T00:00:00.000Z'),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate('2012-06-07T00:00:00.000Z'),
        grade: 'A',
        score: 6
      },
      {
        date: ISODate('2012-01-17T00:00:00.000Z'),
        grade: 'A',
        score: 8
      }
    ],
    name: "Bully'S Deli",
    restaurant_id: '40361708'
  }
]

```

```

},
{
  grades: [
    {
      date: ISODate('2015-01-09T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-12-05T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2013-06-19T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2013-01-08T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ],
  name: 'Bagels N Buns',
  restaurant_id: '40363427'
},
{
  grades: [
    {
      date: ISODate('2014-06-03T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2013-06-07T00:00:00.000Z'),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate('2012-06-29T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2012-02-06T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2011-06-23T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
  name: 'Berkely',
  restaurant_id: '40363685'
},
{
  grades: [
    {
      date: ISODate('2015-01-05T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
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      grade: 'C',
      score: 39
    },
    {
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      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-01-24T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-05-23T00:00:00.000Z'),
      grade: 'A',
      score: 10
    }
  ],
  name: 'B & M Hot Bagel & Grocery',
  restaurant_id: '40364299'
},
{
  grades: [
    {
      date: ISODate('2014-03-13T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
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        grade: 'A',
        score: 9
    },
    {
        date: ISODate('2013-04-26T00:00:00.000Z'),
        grade: 'A',
        score: 8
    },
    {
        date: ISODate('2012-09-11T00:00:00.000Z'),
        grade: 'B',
        score: 24
    },
    {
        date: ISODate('2011-09-19T00:00:00.000Z'),
        grade: 'A',
        score: 10
    },
    {
        date: ISODate('2011-03-17T00:00:00.000Z'),
        grade: 'A',
        score: 12
    }
],
name: 'Ben-Best Deli & Restaurant',
restaurant_id: '40364529'
},
{
    grades: [
        {
            date: ISODate('2014-05-13T00:00:00.000Z'),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate('2013-11-12T00:00:00.000Z'),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate('2013-04-27T00:00:00.000Z'),
            grade: 'A',
            score: 9
        },
        {
            date: ISODate('2011-12-07T00:00:00.000Z'),
            grade: 'A',
            score: 7
        }
    ],
    name: 'Barbetta Restaurant',
    restaurant_id: '40365726'
},
{
    grades: [
        {
            date: ISODate('2014-07-14T00:00:00.000Z'),
            grade: 'A',
            score: 10
        },
        {
            date: ISODate('2013-08-05T00:00:00.000Z'),
            grade: 'A',
            score: 10
        },
        {
            date: ISODate('2013-03-18T00:00:00.000Z'),
            grade: 'A',
            score: 13
        },
        {
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            grade: 'A',
            score: 10
        },
        {
            date: ISODate('2011-09-20T00:00:00.000Z'),
            grade: 'A',
            score: 9
        }
    ],
    name: 'Blarney Bar',
    restaurant_id: '40365972'
},
{
    grades: [
        {
            date: ISODate('2014-12-02T00:00:00.000Z'),
            grade: 'Z',
            score: 18
        },
        {
            date: ISODate('2014-02-12T00:00:00.000Z'),
            grade: 'B',
            score: 21
        },
        {
            date: ISODate('2013-04-13T00:00:00.000Z'),

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        grade: 'A',
        score: 7
    },
    {
        date: ISODate('2012-06-26T00:00:00.000Z'),
        grade: 'A',
        score: 11
    },
    {
        date: ISODate('2011-12-17T00:00:00.000Z'),
        grade: 'A',
        score: 8
    }
],
name: 'Blarney Castle',
restaurant_id: '40366356'
},
{
    grades: [
        {
            date: ISODate('2014-08-15T00:00:00.000Z'),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate('2014-01-21T00:00:00.000Z'),
            grade: 'A',
            score: 5
        },
        {
            date: ISODate('2013-07-24T00:00:00.000Z'),
            grade: 'A',
            score: 9
        },
        {
            date: ISODate('2012-05-31T00:00:00.000Z'),
            grade: 'A',
            score: 8
        },
        {
            date: ISODate('2012-01-26T00:00:00.000Z'),
            grade: 'A',
            score: 13
        },
        {
            date: ISODate('2011-10-11T00:00:00.000Z'),
            grade: 'A',
            score: 5
        }
    ],
    name: 'Blarney Rock',
    restaurant_id: '40366379'
},
{
    grades: [
        {
            date: ISODate('2014-10-30T00:00:00.000Z'),
            grade: 'A',
            score: 7
        },
        {
            date: ISODate('2013-10-16T00:00:00.000Z'),
            grade: 'A',
            score: 11
        },
        {
            date: ISODate('2013-06-04T00:00:00.000Z'),
            grade: 'A',
            score: 11
        },
        {
            date: ISODate('2012-06-04T00:00:00.000Z'),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate('2011-12-22T00:00:00.000Z'),
            grade: 'A',
            score: 5
        }
    ],
    name: 'Brennan & Carr',
    restaurant_id: '40366487'
},
{
    grades: [
        {
            date: ISODate('2014-09-11T00:00:00.000Z'),
            grade: 'A',
            score: 10
        },
        {
            date: ISODate('2014-03-24T00:00:00.000Z'),
            grade: 'A',
            score: 10
        },
        {
            date: ISODate('2013-09-30T00:00:00.000Z'),

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        grade: 'A',
        score: 10
    },
    {
        date: ISODate('2013-05-03T00:00:00.000Z'),
        grade: 'A',
        score: 10
    },
    {
        date: ISODate('2012-10-01T00:00:00.000Z'),
        grade: 'C',
        score: 43
    },
    {
        date: ISODate('2012-04-02T00:00:00.000Z'),
        grade: 'A',
        score: 10
    },
    {
        date: ISODate('2011-11-10T00:00:00.000Z'),
        grade: 'A',
        score: 7
    }
],
name: 'Blarney Stone',
restaurant_id: '40366574'
},
{
    grades: [
        {
            date: ISODate('2014-08-07T00:00:00.000Z'),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate('2013-07-30T00:00:00.000Z'),
            grade: 'A',
            score: 13
        },
        {
            date: ISODate('2013-03-06T00:00:00.000Z'),
            grade: 'A',
            score: 7
        }
    ],
    name: "Baby Bo'S Burritos",
    restaurant_id: '40366661'
},
{
    grades: [
        {
            date: ISODate('2014-09-04T00:00:00.000Z'),
            grade: 'A',
            score: 13
        },
        {
            date: ISODate('2013-08-05T00:00:00.000Z'),
            grade: 'A',
            score: 7
        },
        {
            date: ISODate('2012-07-10T00:00:00.000Z'),
            grade: 'A',
            score: 7
        },
        {
            date: ISODate('2011-12-22T00:00:00.000Z'),
            grade: 'B',
            score: 14
        }
    ],
    name: 'Broome Street Bar',
    restaurant_id: '40367189'
},
{
    grades: [
        {
            date: ISODate('2014-07-22T00:00:00.000Z'),
            grade: 'B',
            score: 15
        },
        {
            date: ISODate('2013-10-23T00:00:00.000Z'),
            grade: 'B',
            score: 16
        },
        {
            date: ISODate('2013-04-16T00:00:00.000Z'),
            grade: 'B',
            score: 17
        },
        {
            date: ISODate('2012-03-31T00:00:00.000Z'),
            grade: 'A',
            score: 13
        }
    ],
    name: "Buddy'S Wonder Bar",

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    restaurant_id: '40367442'
  },
  {
    grades: [
      {
        date: ISODate('2014-05-21T00:00:00.000Z'),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate('2013-05-29T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2012-06-15T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2011-06-08T00:00:00.000Z'),
        grade: 'A',
        score: 0
      }
    ],
    name: 'Beaver Pond',
    restaurant_id: '40368025'
  },
  {
    grades: [
      {
        date: ISODate('2014-02-28T00:00:00.000Z'),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate('2013-03-01T00:00:00.000Z'),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate('2012-01-30T00:00:00.000Z'),
        grade: 'A',
        score: 10
      }
    ],
    name: "Brady'S Bar",
    restaurant_id: '40368338'
  },
  {
    grades: [
      {
        date: ISODate('2014-12-08T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2014-06-17T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2013-10-15T00:00:00.000Z'),
        grade: 'A',
        score: 8
      },
      {
        date: ISODate('2013-02-07T00:00:00.000Z'),
        grade: 'B',
        score: 17
      },
      {
        date: ISODate('2012-08-01T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2012-02-23T00:00:00.000Z'),
        grade: 'B',
        score: 16
      }
    ],
    name: 'Benjamin',
    restaurant_id: '40368370'
  },
  {
    grades: [
      {
        date: ISODate('2014-07-08T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2014-02-06T00:00:00.000Z'),
        grade: 'A',
        score: 10
      }
    ],
    {

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    date: ISODate('2013-10-10T00:00:00.000Z'),
    grade: 'A',
    score: 10
  },
  {
    date: ISODate('2012-08-02T00:00:00.000Z'),
    grade: 'A',
    score: 13
  },
  {
    date: ISODate('2012-02-08T00:00:00.000Z'),
    grade: 'A',
    score: 9
  }
],
name: 'Boots & Saddle Bar',
restaurant_id: '40368617'
},
{
  grades: [
    {
      date: ISODate('2014-02-20T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-09-09T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-03-26T00:00:00.000Z'),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate('2013-03-08T00:00:00.000Z'),
      grade: 'P',
      score: 2
    },
    {
      date: ISODate('2012-09-26T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2012-04-13T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2011-07-26T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2011-02-26T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
  name: 'Blue Bay Restaurant',
  restaurant_id: '40369087'
}
]
Type "it" for more
restaurants_db> db.restaurants.find(
...   {
...     "grades.grade": "A",
...     "grades.grade": { $ne: "C" }
...   },
...   { name: 1, address: 1, grades: 1, _id: 0 }
... )
[
  {
    address: {
      building: '1007',
      coord: [ -73.856077, 40.848447 ],
      street: 'Morris Park Ave',
      zipcode: '10462'
    },
    grades: [
      {
        date: ISODate('2014-03-03T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2013-09-11T00:00:00.000Z'),
        grade: 'A',
        score: 6
      },
      {
        date: ISODate('2013-01-24T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {

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```

        date: ISODate('2011-11-23T00:00:00.000Z'),
        grade: 'A',
        score: 9
    },
    {
        date: ISODate('2011-03-10T00:00:00.000Z'),
        grade: 'B',
        score: 14
    }
],
name: 'Morris Park Bake Shop'
},
{
    address: {
        building: '469',
        coord: [ -73.961704, 40.662942 ],
        street: 'Flatbush Avenue',
        zipcode: '11225'
    },
    grades: [
        {
            date: ISODate('2014-12-30T00:00:00.000Z'),
            grade: 'A',
            score: 8
        },
        {
            date: ISODate('2014-07-01T00:00:00.000Z'),
            grade: 'B',
            score: 23
        },
        {
            date: ISODate('2013-04-30T00:00:00.000Z'),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate('2012-05-08T00:00:00.000Z'),
            grade: 'A',
            score: 12
        }
    ],
    name: "Wendy'S"
},
{
    address: {
        building: '351',
        coord: [ -73.98513559999999, 40.7676919 ],
        street: 'West 57 Street',
        zipcode: '10019'
    },
    grades: [
        {
            date: ISODate('2014-09-06T00:00:00.000Z'),
            grade: 'A',
            score: 2
        },
        {
            date: ISODate('2013-07-22T00:00:00.000Z'),
            grade: 'A',
            score: 11
        },
        {
            date: ISODate('2012-07-31T00:00:00.000Z'),
            grade: 'A',
            score: 12
        },
        {
            date: ISODate('2011-12-29T00:00:00.000Z'),
            grade: 'A',
            score: 12
        }
    ],
    name: 'Dj Reynolds Pub And Restaurant'
},
{
    address: {
        building: '2780',
        coord: [ -73.98241999999999, 40.579505 ],
        street: 'Stillwell Avenue',
        zipcode: '11224'
    },
    grades: [
        {
            date: ISODate('2014-06-10T00:00:00.000Z'),
            grade: 'A',
            score: 5
        },
        {
            date: ISODate('2013-06-05T00:00:00.000Z'),
            grade: 'A',
            score: 7
        },
        {
            date: ISODate('2012-04-13T00:00:00.000Z'),
            grade: 'A',
            score: 12
        }
    ],
    {

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    date: ISODate('2011-10-12T00:00:00.000Z'),
    grade: 'A',
    score: 12
  },
],
name: 'Riviera Caterer'
},
{
  address: {
    building: '97-22',
    coord: [ -73.8601152, 40.7311739 ],
    street: '63 Road',
    zipcode: '11374'
  },
  grades: [
    {
      date: ISODate('2014-11-24T00:00:00.000Z'),
      grade: 'Z',
      score: 20
    },
    {
      date: ISODate('2013-01-17T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-08-02T00:00:00.000Z'),
      grade: 'B',
      score: 13
    },
    {
      date: ISODate('2011-12-15T00:00:00.000Z'),
      grade: 'B',
      score: 25
    }
  ],
  name: 'Tov Koshner Kitchen'
},
{
  address: {
    building: '8825',
    coord: [ -73.8803827, 40.7643124 ],
    street: 'Astoria Boulevard',
    zipcode: '11369'
  },
  grades: [
    {
      date: ISODate('2014-11-15T00:00:00.000Z'),
      grade: 'Z',
      score: 38
    },
    {
      date: ISODate('2014-05-02T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2013-03-02T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-02-10T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
  name: 'Brunos On The Boulevard'
},
{
  address: {
    building: '2206',
    coord: [ -74.1377286, 40.6119572 ],
    street: 'Victory Boulevard',
    zipcode: '10314'
  },
  grades: [
    {
      date: ISODate('2014-10-06T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2014-05-20T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-04-04T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2012-01-24T00:00:00.000Z'),
      grade: 'A',
      score: 9
    }
  ],
}
]

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```

    name: 'Kosher Island'
  },
  {
    address: {
      building: '7114',
      coord: [ -73.9068506, 40.6199034 ],
      street: 'Avenue U',
      zipcode: '11234'
    },
    grades: [
      {
        date: ISODate('2014-05-29T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2014-01-14T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2013-08-03T00:00:00.000Z'),
        grade: 'A',
        score: 8
      },
      {
        date: ISODate('2012-07-18T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2012-03-09T00:00:00.000Z'),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate('2011-10-14T00:00:00.000Z'),
        grade: 'A',
        score: 9
      }
    ]
  },
  name: "Wilken'S Fine Food"
},
{
  address: {
    building: '6409',
    coord: [ -74.00528899999999, 40.628886 ],
    street: '11 Avenue',
    zipcode: '11219'
  },
  grades: [
    {
      date: ISODate('2014-07-18T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-07-30T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-02-13T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2012-08-16T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2011-08-17T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ]
},
name: 'Regina Caterers'
},
{
  address: {
    building: '1839',
    coord: [ -73.9482609, 40.6408271 ],
    street: 'Nostrand Avenue',
    zipcode: '11226'
  },
  grades: [
    {
      date: ISODate('2014-07-14T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-07-10T00:00:00.000Z'),
      grade: 'A',
      score: 8
    }
  ]
}

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```

        date: ISODate('2012-07-11T00:00:00.000Z'),
        grade: 'A',
        score: 5
    },
    {
        date: ISODate('2012-02-23T00:00:00.000Z'),
        grade: 'A',
        score: 8
    }
],
name: 'Taste The Tropics Ice Cream'
},
{
    address: {
        building: '2300',
        coord: [ -73.8786113, 40.8502883 ],
        street: 'Southern Boulevard',
        zipcode: '10460'
    },
    grades: [
        {
            date: ISODate('2014-05-28T00:00:00.000Z'),
            grade: 'A',
            score: 11
        },
        {
            date: ISODate('2013-06-19T00:00:00.000Z'),
            grade: 'A',
            score: 4
        },
        {
            date: ISODate('2012-06-15T00:00:00.000Z'),
            grade: 'A',
            score: 3
        }
    ],
    name: 'Wild Asia'
},
{
    address: {
        building: '7715',
        coord: [ -73.9973325, 40.61174889999999 ],
        street: '18 Avenue',
        zipcode: '11214'
    },
    grades: [
        {
            date: ISODate('2014-04-16T00:00:00.000Z'),
            grade: 'A',
            score: 5
        },
        {
            date: ISODate('2013-04-23T00:00:00.000Z'),
            grade: 'A',
            score: 2
        },
        {
            date: ISODate('2012-04-24T00:00:00.000Z'),
            grade: 'A',
            score: 5
        },
        {
            date: ISODate('2011-12-16T00:00:00.000Z'),
            grade: 'A',
            score: 2
        }
    ],
    name: 'C & C Catering Service'
},
{
    address: {
        building: '1',
        coord: [ -73.96926909999999, 40.7685235 ],
        street: 'East 66 Street',
        zipcode: '10065'
    },
    grades: [
        {
            date: ISODate('2014-05-07T00:00:00.000Z'),
            grade: 'A',
            score: 3
        },
        {
            date: ISODate('2013-05-03T00:00:00.000Z'),
            grade: 'A',
            score: 4
        },
        {
            date: ISODate('2012-04-30T00:00:00.000Z'),
            grade: 'A',
            score: 6
        },
        {
            date: ISODate('2011-12-27T00:00:00.000Z'),
            grade: 'A',
            score: 0
        }
    ],
    name: ''
},

```

```

    name: '1 East 66Th Street Kitchen'
  },
  {
    address: {
      building: '705',
      coord: [ -73.9653967, 40.6064339 ],
      street: 'Kings Highway',
      zipcode: '11223'
    },
    grades: [
      {
        date: ISODate('2014-11-10T00:00:00.000Z'),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate('2013-10-10T00:00:00.000Z'),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate('2012-10-04T00:00:00.000Z'),
        grade: 'A',
        score: 7
      },
      {
        date: ISODate('2012-05-21T00:00:00.000Z'),
        grade: 'A',
        score: 9
      },
      {
        date: ISODate('2011-12-30T00:00:00.000Z'),
        grade: 'B',
        score: 19
      }
    ],
    name: 'Seuda Foods'
  },
  {
    address: {
      building: '203',
      coord: [ -73.97822040000001, 40.6435254 ],
      street: 'Church Avenue',
      zipcode: '11218'
    },
    grades: [
      {
        date: ISODate('2014-02-10T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2013-01-02T00:00:00.000Z'),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate('2012-01-09T00:00:00.000Z'),
        grade: 'A',
        score: 3
      },
      {
        date: ISODate('2011-11-07T00:00:00.000Z'),
        grade: 'P',
        score: 12
      },
      {
        date: ISODate('2011-07-21T00:00:00.000Z'),
        grade: 'A',
        score: 13
      }
    ],
    name: 'Carvel Ice Cream'
  },
  {
    address: {
      building: '265-15',
      coord: [ -73.7032601, 40.7386417 ],
      street: 'Hillside Avenue',
      zipcode: '11004'
    },
    grades: [
      {
        date: ISODate('2014-10-28T00:00:00.000Z'),
        grade: 'A',
        score: 9
      },
      {
        date: ISODate('2013-09-18T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2012-09-20T00:00:00.000Z'),
        grade: 'A',
        score: 13
      }
    ],
  },
],

```

```

    name: 'Carvel Ice Cream'
  },
  {
    address: {
      building: '6909',
      coord: [ -74.0259567, 40.6353674 ],
      street: '3 Avenue',
      zipcode: '11209'
    },
    grades: [
      {
        date: ISODate('2014-08-21T00:00:00.000Z'),
        grade: 'A',
        score: 4
      },
      {
        date: ISODate('2014-03-05T00:00:00.000Z'),
        grade: 'A',
        score: 3
      },
      {
        date: ISODate('2013-01-10T00:00:00.000Z'),
        grade: 'A',
        score: 10
      }
    ],
    name: 'Nordic Delicacies'
  },
  {
    address: {
      building: '522',
      coord: [ -73.95171, 40.767461 ],
      street: 'East 74 Street',
      zipcode: '10021'
    },
    grades: [
      {
        date: ISODate('2014-09-02T00:00:00.000Z'),
        grade: 'A',
        score: 12
      },
      {
        date: ISODate('2013-12-19T00:00:00.000Z'),
        grade: 'B',
        score: 16
      },
      {
        date: ISODate('2013-05-28T00:00:00.000Z'),
        grade: 'A',
        score: 9
      },
      {
        date: ISODate('2012-12-07T00:00:00.000Z'),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate('2012-03-29T00:00:00.000Z'),
        grade: 'A',
        score: 11
      }
    ],
    name: 'Glorious Food'
  },
  {
    address: {
      building: '284',
      coord: [ -73.9829239, 40.6580753 ],
      street: 'Prospect Park West',
      zipcode: '11215'
    },
    grades: [
      {
        date: ISODate('2014-11-19T00:00:00.000Z'),
        grade: 'A',
        score: 11
      },
      {
        date: ISODate('2013-11-14T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2012-12-05T00:00:00.000Z'),
        grade: 'A',
        score: 13
      },
      {
        date: ISODate('2012-05-17T00:00:00.000Z'),
        grade: 'A',
        score: 11
      }
    ],
    name: 'The Movable Feast'
  },
  {
    address: {
      building: '129-08',

```

```

    coord: [ -73.839297, 40.78147 ],
    street: '20 Avenue',
    zipcode: '11356'
  },
  grades: [
    {
      date: ISODate('2014-08-16T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-08-27T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2012-09-20T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2011-09-29T00:00:00.000Z'),
      grade: 'A',
      score: 10
    }
  ],
  name: "Sal'S Deli"
}
]
Type "it" for more
restaurants_db> db.restaurants.find(
... {
...   "grades.grade": "A",
...   "grades.grade": { $ne: "B" },
...   "grades.grade": { $ne: "C" }
... },
... { name: 1, address: 1, grades: 1, _id: 0 }
... )
[
  {
    address: {
      building: '1007',
      coord: [ -73.856077, 40.848447 ],
      street: 'Morris Park Ave',
      zipcode: '10462'
    },
    grades: [
      {
        date: ISODate('2014-03-03T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2013-09-11T00:00:00.000Z'),
        grade: 'A',
        score: 6
      },
      {
        date: ISODate('2013-01-24T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
      {
        date: ISODate('2011-11-23T00:00:00.000Z'),
        grade: 'A',
        score: 9
      },
      {
        date: ISODate('2011-03-10T00:00:00.000Z'),
        grade: 'B',
        score: 14
      }
    ],
    name: 'Morris Park Bake Shop'
  },
  {
    address: {
      building: '469',
      coord: [ -73.961704, 40.662942 ],
      street: 'Flatbush Avenue',
      zipcode: '11225'
    },
    grades: [
      {
        date: ISODate('2014-12-30T00:00:00.000Z'),
        grade: 'A',
        score: 8
      },
      {
        date: ISODate('2014-07-01T00:00:00.000Z'),
        grade: 'B',
        score: 23
      },
      {
        date: ISODate('2013-04-30T00:00:00.000Z'),
        grade: 'A',
        score: 12
      }
    ],

```

```

    {
      date: ISODate('2012-05-08T00:00:00.000Z'),
      grade: 'A',
      score: 12
    }
  ],
  name: "Wendy'S"
},
{
  address: {
    building: '351',
    coord: [ -73.98513559999999, 40.7676919 ],
    street: 'West 57 Street',
    zipcode: '10019'
  },
  grades: [
    {
      date: ISODate('2014-09-06T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2013-07-22T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2012-07-31T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2011-12-29T00:00:00.000Z'),
      grade: 'A',
      score: 12
    }
  ],
  name: 'Dj Reynolds Pub And Restaurant'
},
{
  address: {
    building: '2780',
    coord: [ -73.98241999999999, 40.579505 ],
    street: 'Stillwell Avenue',
    zipcode: '11224'
  },
  grades: [
    {
      date: ISODate('2014-06-10T00:00:00.000Z'),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate('2013-06-05T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-04-13T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2011-10-12T00:00:00.000Z'),
      grade: 'A',
      score: 12
    }
  ],
  name: 'Riviera Caterer'
},
{
  address: {
    building: '97-22',
    coord: [ -73.8601152, 40.7311739 ],
    street: '63 Road',
    zipcode: '11374'
  },
  grades: [
    {
      date: ISODate('2014-11-24T00:00:00.000Z'),
      grade: 'Z',
      score: 20
    },
    {
      date: ISODate('2013-01-17T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-08-02T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2011-12-15T00:00:00.000Z'),
      grade: 'B',
      score: 25
    }
  ]
}

```



```

],
name: 'Tov Kosher Kitchen'
},
{
  address: {
    building: '8825',
    coord: [ -73.8803827, 40.7643124 ],
    street: 'Astoria Boulevard',
    zipcode: '11369'
  },
  grades: [
    {
      date: ISODate('2014-11-15T00:00:00.000Z'),
      grade: 'Z',
      score: 38
    },
    {
      date: ISODate('2014-05-02T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2013-03-02T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-02-10T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
  name: 'Brunos On The Boulevard'
},
{
  address: {
    building: '2206',
    coord: [ -74.1377286, 40.6119572 ],
    street: 'Victory Boulevard',
    zipcode: '10314'
  },
  grades: [
    {
      date: ISODate('2014-10-06T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2014-05-20T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-04-04T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2012-01-24T00:00:00.000Z'),
      grade: 'A',
      score: 9
    }
  ],
  name: 'Kosher Island'
},
{
  address: {
    building: '7114',
    coord: [ -73.9068506, 40.6199034 ],
    street: 'Avenue U',
    zipcode: '11234'
  },
  grades: [
    {
      date: ISODate('2014-05-29T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2014-01-14T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2013-08-03T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2012-07-18T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2012-03-09T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],

```

```

    {
      date: ISODate('2011-10-14T00:00:00.000Z'),
      grade: 'A',
      score: 9
    }
  ],
  name: "Wilken'S Fine Food"
},
{
  address: {
    building: '6409',
    coord: [ -74.00528899999999, 40.628886 ],
    street: '11 Avenue',
    zipcode: '11219'
  },
  grades: [
    {
      date: ISODate('2014-07-18T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-07-30T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-02-13T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2012-08-16T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2011-08-17T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ],
  name: 'Regina Caterers'
},
{
  address: {
    building: '1839',
    coord: [ -73.9482609, 40.6408271 ],
    street: 'Nostrand Avenue',
    zipcode: '11226'
  },
  grades: [
    {
      date: ISODate('2014-07-14T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-07-10T00:00:00.000Z'),
      grade: 'A',
      score: 8
    },
    {
      date: ISODate('2012-07-11T00:00:00.000Z'),
      grade: 'A',
      score: 5
    },
    {
      date: ISODate('2012-02-23T00:00:00.000Z'),
      grade: 'A',
      score: 8
    }
  ],
  name: 'Taste The Tropics Ice Cream'
},
{
  address: {
    building: '2300',
    coord: [ -73.8786113, 40.8502883 ],
    street: 'Southern Boulevard',
    zipcode: '10460'
  },
  grades: [
    {
      date: ISODate('2014-05-28T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-06-19T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2012-06-15T00:00:00.000Z'),
      grade: 'A',
      score: 3
    }
  ]
}

```

```

    ],
    name: 'Wild Asia'
  },
  {
    address: {
      building: '7715',
      coord: [ -73.9973325, 40.61174889999999 ],
      street: '18 Avenue',
      zipcode: '11214'
    },
    grades: [
      {
        date: ISODate('2014-04-16T00:00:00.000Z'),
        grade: 'A',
        score: 5
      },
      {
        date: ISODate('2013-04-23T00:00:00.000Z'),
        grade: 'A',
        score: 2
      },
      {
        date: ISODate('2012-04-24T00:00:00.000Z'),
        grade: 'A',
        score: 5
      },
      {
        date: ISODate('2011-12-16T00:00:00.000Z'),
        grade: 'A',
        score: 2
      }
    ]
  },
  name: 'C & C Catering Service'
},
{
  address: {
    building: '1',
    coord: [ -73.96926909999999, 40.7685235 ],
    street: 'East 66 Street',
    zipcode: '10065'
  },
  grades: [
    {
      date: ISODate('2014-05-07T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-05-03T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2012-04-30T00:00:00.000Z'),
      grade: 'A',
      score: 6
    },
    {
      date: ISODate('2011-12-27T00:00:00.000Z'),
      grade: 'A',
      score: 0
    }
  ]
},
  name: '1 East 66Th Street Kitchen'
},
{
  address: {
    building: '705',
    coord: [ -73.9653967, 40.6064339 ],
    street: 'Kings Highway',
    zipcode: '11223'
  },
  grades: [
    {
      date: ISODate('2014-11-10T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-10-10T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-10-04T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2012-05-21T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2011-12-30T00:00:00.000Z'),
      grade: 'B',
      score: 19
    }
  ]
}

```

```

],
name: 'Seuda Foods'
},
{
  address: {
    building: '203',
    coord: [ -73.97822040000001, 40.6435254 ],
    street: 'Church Avenue',
    zipcode: '11218'
  },
  grades: [
    {
      date: ISODate('2014-02-10T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2013-01-02T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-01-09T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2011-11-07T00:00:00.000Z'),
      grade: 'P',
      score: 12
    },
    {
      date: ISODate('2011-07-21T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
name: 'Carvel Ice Cream'
},
{
  address: {
    building: '265-15',
    coord: [ -73.7032601, 40.7386417 ],
    street: 'Hillside Avenue',
    zipcode: '11004'
  },
  grades: [
    {
      date: ISODate('2014-10-28T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2013-09-18T00:00:00.000Z'),
      grade: 'A',
      score: 10
    },
    {
      date: ISODate('2012-09-20T00:00:00.000Z'),
      grade: 'A',
      score: 13
    }
  ],
name: 'Carvel Ice Cream'
},
{
  address: {
    building: '6909',
    coord: [ -74.0259567, 40.6353674 ],
    street: '3 Avenue',
    zipcode: '11209'
  },
  grades: [
    {
      date: ISODate('2014-08-21T00:00:00.000Z'),
      grade: 'A',
      score: 4
    },
    {
      date: ISODate('2014-03-05T00:00:00.000Z'),
      grade: 'A',
      score: 3
    },
    {
      date: ISODate('2013-01-10T00:00:00.000Z'),
      grade: 'A',
      score: 10
    }
  ],
name: 'Nordic Delicacies'
},
{
  address: {
    building: '522',
    coord: [ -73.95171, 40.767461 ],
    street: 'East 74 Street',
    zipcode: '10021'
  },

```

```

grades: [
  {
    date: ISODate('2014-09-02T00:00:00.000Z'),
    grade: 'A',
    score: 12
  },
  {
    date: ISODate('2013-12-19T00:00:00.000Z'),
    grade: 'B',
    score: 16
  },
  {
    date: ISODate('2013-05-28T00:00:00.000Z'),
    grade: 'A',
    score: 9
  },
  {
    date: ISODate('2012-12-07T00:00:00.000Z'),
    grade: 'A',
    score: 13
  },
  {
    date: ISODate('2012-03-29T00:00:00.000Z'),
    grade: 'A',
    score: 11
  }
],
name: 'Glorious Food'
},
{
  address: {
    building: '284',
    coord: [ -73.9829239, 40.6580753 ],
    street: 'Prospect Park West',
    zipcode: '11215'
  },
  grades: [
    {
      date: ISODate('2014-11-19T00:00:00.000Z'),
      grade: 'A',
      score: 11
    },
    {
      date: ISODate('2013-11-14T00:00:00.000Z'),
      grade: 'A',
      score: 2
    },
    {
      date: ISODate('2012-12-05T00:00:00.000Z'),
      grade: 'A',
      score: 13
    },
    {
      date: ISODate('2012-05-17T00:00:00.000Z'),
      grade: 'A',
      score: 11
    }
  ],
  name: 'The Movable Feast'
},
{
  address: {
    building: '129-08',
    coord: [ -73.839297, 40.78147 ],
    street: '20 Avenue',
    zipcode: '11356'
  },
  grades: [
    {
      date: ISODate('2014-08-16T00:00:00.000Z'),
      grade: 'A',
      score: 12
    },
    {
      date: ISODate('2013-08-27T00:00:00.000Z'),
      grade: 'A',
      score: 9
    },
    {
      date: ISODate('2012-09-20T00:00:00.000Z'),
      grade: 'A',
      score: 7
    },
    {
      date: ISODate('2011-09-29T00:00:00.000Z'),
      grade: 'A',
      score: 10
    }
  ],
  name: "Sal'S Deli"
}
]
Type "it" for more
restaurants_db> use amazon_db_mongo
switched to db amazon_db_mongo
amazon_db_mongo> db.createCollection("Products")
{ ok: 1 }
amazon_db_mongo> cd /Users/nikitabelii/Desktop/products.json

```

ReferenceError: cd is not defined (Are you trying to run a script written for the legacy shell? Try running `snippet install mongocompat`)

```
amazon_db_mongo> exit
nikitabelii@Nikitas-MacBook-Air ~ % cd /Users/nikitabelii/Desktop/
```

```
nikitabelii@Nikitas-MacBook-Air Desktop % mongoimport --db amazon_db_mongo --collection Products --file products.json --jsonArray
```

```
2024-11-22T15:07:04.500-0500    connected to: mongodb://localhost/
2024-11-22T15:07:04.506-0500    5 document(s) imported successfully. 0 document(s) failed to import.
nikitabelii@Nikitas-MacBook-Air Desktop % mongosh
```

```
Current Mongosh Log ID: 6740e478e9584f07f9316577
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.3.3
Using MongoDB:      8.0.1
Using Mongosh:      2.3.3
```

For mongosh info see: <https://www.mongodb.com/docs/mongodb-shell/>

The server generated these startup warnings when booting

2024-11-22T14:05:58.659-05:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

test> (node:7262) ExperimentalWarning: CommonJS module /usr/local/Cellar/mongosh/2.3.3/libexec/lib/node_modules/@mongosh/cli-repl/node_modules/@mongodb-js/dev tools-proxy-support/dist/fetch.js is loading ES Module /usr/local/Cellar/mongosh/2.3.3/libexec/lib/node_modules/@mongosh/cli-repl/node_modules/node-fetch/src/index.js using require().

Support for loading ES Module in require() is an experimental feature and might change at any time
(Use `node --trace-warnings ...` to show where the warning was created)

use amazon_db_mongo

switched to db amazon_db_mongo

```
amazon_db_mongo> db.Products.find().pretty()
```

```
[
  {
    _id: ObjectId('6740e3cb94582ab7f0b87d9d'),
    product_id: 'P001',
    name: 'Laptop',
    category: 'Electronics',
    price: 1200,
    stock: 30,
    tags: [ 4, 7, 2 ]
  },
  {
    _id: ObjectId('6740e3cb94582ab7f0b87d9e'),
    product_id: 'P002',
    name: 'Smartphone',
    category: 'Electronics',
    price: 800,
    stock: 50,
    tags: [ 1, 6 ]
  },
  {
    _id: ObjectId('6740e3cb94582ab7f0b87d9f'),
    product_id: 'P003',
    name: 'Desk Chair',
    category: 'Furniture',
    price: 150,
    stock: 100,
    tags: [ 5, 8 ]
  },
  {
    _id: ObjectId('6740e3cb94582ab7f0b87da0'),
    product_id: 'P004',
    name: 'Wireless Mouse',
    category: 'Electronics',
    price: 20,
    stock: 200,
    tags: [ 3, 9 ]
  },
  {
    _id: ObjectId('6740e3cb94582ab7f0b87da1'),
    product_id: 'P005',
    name: 'Notebook',
    category: 'Stationery',
    price: 5,
    stock: 500,
    tags: [ 2, 4 ]
  },
  {
    _id: ObjectId('6740e468e6beb16a74e72bf8'),
    product_id: 'P002',
    name: 'Smartphone',
    category: 'Electronics',
    price: 800,
    stock: 50,
    tags: [ 1, 6 ]
  },
  {
    _id: ObjectId('6740e468e6beb16a74e72bf9'),
    product_id: 'P001',
    name: 'Laptop',
    category: 'Electronics',
    price: 1200,
    stock: 30,
    tags: [ 4, 7, 2 ]
  },
  {
    _id: ObjectId('6740e468e6beb16a74e72bfa'),
    product_id: 'P004',
    name: 'Wireless Mouse',
  }
]
```

```

    category: 'Electronics',
    price: 20,
    stock: 200,
    tags: [ 3, 9 ]
  },
  {
    _id: ObjectId('6740e468e6beb16a74e72bfb'),
    product_id: 'P003',
    name: 'Desk Chair',
    category: 'Furniture',
    price: 150,
    stock: 100,
    tags: [ 5, 8 ]
  },
  {
    _id: ObjectId('6740e468e6beb16a74e72bfc'),
    product_id: 'P005',
    name: 'Notebook',
    category: 'Stationery',
    price: 5,
    stock: 500,
    tags: [ 2, 4 ]
  }
]
amazon_db_mongo> // 1. Exact Match for an Array

amazon_db_mongo> // Description: Find products where the `tags` array exactly matches [4, 7, 2].

amazon_db_mongo> // Explanation: The entire `tags` array must match [4, 7, 2], including order and size.

amazon_db_mongo> db.Products.find(
...   { tags: [4, 7, 2] },
...   { name: 1, tags: 1, _id: 0 }
... )
[
  { name: 'Laptop', tags: [ 4, 7, 2 ] },
  { name: 'Laptop', tags: [ 4, 7, 2 ] }
]
amazon_db_mongo> // 2. Match Any Element in an Array

amazon_db_mongo> // Description: Find products where at least one element in the `tags` array is `7`.

amazon_db_mongo> // Explanation: The query checks if any element in the `tags` array equals `7`.

amazon_db_mongo> db.Products.find(
...   { tags: 7 },
...   { name: 1, tags: 1, _id: 0 }
... )
[
  { name: 'Laptop', tags: [ 4, 7, 2 ] },
  { name: 'Laptop', tags: [ 4, 7, 2 ] }
]
amazon_db_mongo> // 3. Use $all to Match Multiple Array Elements

amazon_db_mongo> // Description: Find products where the `tags` array contains both `4` and `7`, in any order.

amazon_db_mongo> // Explanation: The query matches arrays that contain all specified values (`4` and `7`), regardless of order or other elements.

amazon_db_mongo> db.Products.find(
...   { tags: { $all: [4, 7] } },
...   { name: 1, tags: 1, _id: 0 }
... )
[
  { name: 'Laptop', tags: [ 4, 7, 2 ] },
  { name: 'Laptop', tags: [ 4, 7, 2 ] }
]
amazon_db_mongo> // 4. Use a Comparison Operator on Arrays

amazon_db_mongo> // Description: Find products where at least one element in the `tags` array is greater than `5`.

amazon_db_mongo> // Explanation: The query matches documents where at least one value in the `tags` array satisfies the condition `> 5`.

amazon_db_mongo> db.Products.find(
...   { tags: { $gt: 5 } },
...   { name: 1, tags: 1, _id: 0 }
... )
[
  { name: 'Laptop', tags: [ 4, 7, 2 ] },
  { name: 'Smartphone', tags: [ 1, 6 ] },
  { name: 'Desk Chair', tags: [ 5, 8 ] },
  { name: 'Wireless Mouse', tags: [ 3, 9 ] },
  { name: 'Smartphone', tags: [ 1, 6 ] },
  { name: 'Laptop', tags: [ 4, 7, 2 ] },
  { name: 'Wireless Mouse', tags: [ 3, 9 ] },
  { name: 'Desk Chair', tags: [ 5, 8 ] }
]
amazon_db_mongo> // 5. Use $elemMatch to Match Specific Criteria

amazon_db_mongo> // Description: Find products where the `tags` array has at least one value greater than `5` and less than `10`.

amazon_db_mongo> // Explanation: The $elemMatch operator ensures at least one array element satisfies both conditions (`> 5` and `< 10`).

amazon_db_mongo> db.Products.find(
...   { tags: { $elemMatch: { $gt: 5, $lt: 10 } } },
...   { name: 1, tags: 1, _id: 0 }
... )
[
  { name: 'Laptop', tags: [ 4, 7, 2 ] },

```

```

    { name: 'Smartphone', tags: [ 1, 6 ] },
    { name: 'Desk Chair', tags: [ 5, 8 ] },
    { name: 'Wireless Mouse', tags: [ 3, 9 ] },
    { name: 'Smartphone', tags: [ 1, 6 ] },
    { name: 'Laptop', tags: [ 4, 7, 2 ] },
    { name: 'Wireless Mouse', tags: [ 3, 9 ] },
    { name: 'Desk Chair', tags: [ 5, 8 ] }
  ]
amazon_db_mongo> // 6. Query a Specific Array Index

amazon_db_mongo> // Description: Find products where the second element (index '1') in the 'tags' array is greater than '6'.

amazon_db_mongo> // Explanation: This query accesses the second element (index '1') in the 'tags' array directly and checks if it satisfies the condition '> 6'.

amazon_db_mongo> db.Products.find(
...   { "tags.1": { $gt: 6 } },
...   { name: 1, tags: 1, _id: 0 }
... )
[
  { name: 'Laptop', tags: [ 4, 7, 2 ] },
  { name: 'Desk Chair', tags: [ 5, 8 ] },
  { name: 'Wireless Mouse', tags: [ 3, 9 ] },
  { name: 'Laptop', tags: [ 4, 7, 2 ] },
  { name: 'Wireless Mouse', tags: [ 3, 9 ] },
  { name: 'Desk Chair', tags: [ 5, 8 ] }
]
amazon_db_mongo> // 1. Update Operation

amazon_db_mongo> // Description: Increase the 'price' of all products in the "Electronics" category by $50.

amazon_db_mongo> // Explanation: The '$inc' operator increases the value of the 'price' field by 50 for all products that belong to the "Electronics" category.

amazon_db_mongo> db.Products.updateMany(
...   { category: "Electronics" }, // Filter: Products in the "Electronics" category
...   { $inc: { price: 50 } }      // Action: Increment the 'price' by 50
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 6,
  modifiedCount: 6,
  upsertedCount: 0
}
amazon_db_mongo> // 2. Delete Operation

amazon_db_mongo> // Description: Delete all products where the 'stock' is less than 20.

amazon_db_mongo> // Explanation: The query removes all documents from the collection where the 'stock' field has a value less than 20.

amazon_db_mongo> db.Products.deleteMany(
...   { stock: { $lt: 20 } } // Filter: Products with 'stock' less than 20
... )
{ acknowledged: true, deletedCount: 0 }
amazon_db_mongo> mongoimport --db amazon_db_mongo --collection Customers --file customers.json --jsonArray
Uncaught:
SyntaxError: Missing semicolon. (1:14)

> 1 | mongoimport --db amazon_db_mongo --collection Customers --file customers.json --jsonArray
    |           ^
    2 |

amazon_db_mongo> exit
nikitabelii@Nikitas-MacBook-Air Desktop % cd /Users/nikitabelii/Desktop/

nikitabelii@Nikitas-MacBook-Air Desktop % mongoimport --db amazon_db_mongo --collection Customers --file customers.json --jsonArray

2024-11-22T15:27:11.842-0500    connected to: mongod://localhost/
2024-11-22T15:27:11.987-0500    3 document(s) imported successfully. 0 document(s) failed to import.
nikitabelii@Nikitas-MacBook-Air Desktop % mongosh
Current Mongosh Log ID: 6740e94c0863796bcb998495
Connecting to:      mongod://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.3.3
Using MongoDB:      8.0.1
Using Mongosh:       2.3.3

```

For mongosh info see: <https://www.mongodb.com/docs/mongosh-shell/>

```

-----
The server generated these startup warnings when booting
2024-11-22T14:05:58.659-05:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
-----

```

```

test> use amazon_db_mongo
switched to db amazon_db_mongo
amazon_db_mongo> db.Customers.find().pretty()
[
  {
    _id: ObjectId('6740e91f420dba3110cc8045'),
    customer_id: 'C002',
    name: 'Bob Smith',
    email: 'bob@example.com',
    orders: [ '0003' ],
    preferences: [ 'fashion', 'electronics' ]
  },
  {
    _id: ObjectId('6740e91f420dba3110cc8046'),
    customer_id: 'C001',

```



```

    name: 'Alice Johnson',
    email: 'alice@example.com',
    orders: [ '0001', '0002' ],
    preferences: [ 'electronics', 'books' ]
  },
  {
    _id: ObjectId('6740e91f420dba3110cc8047'),
    customer_id: 'C003',
    name: 'Carol Davis',
    email: 'carol@example.com',
    orders: [ '0004', '0005', '0006' ],
    preferences: [ 'home', 'kitchen', 'books' ]
  }
]
amazon_db_mongo> // 1. Exact Match for an Array

amazon_db_mongo> // Description: Find customers whose `preferences` array exactly matches ["electronics", "books"].

amazon_db_mongo> // Explanation: The query matches documents where the `preferences` array is identical to ["electronics", "books"], including order and size.

amazon_db_mongo> db.Customers.find(
...   { preferences: ["electronics", "books"] },
...   { name: 1, preferences: 1, _id: 0 }
... )
[ { name: 'Alice Johnson', preferences: [ 'electronics', 'books' ] } ]
amazon_db_mongo> // 2. Match Any Element in an Array

amazon_db_mongo> // Description: Find customers who have "books" as one of their preferences.

amazon_db_mongo> // Explanation: The query matches documents where at least one element in the `preferences` array is "books".

amazon_db_mongo> db.Customers.find(
...   { preferences: "books" },
...   { name: 1, preferences: 1, _id: 0 }
... )
[
  { name: 'Alice Johnson', preferences: [ 'electronics', 'books' ] },
  { name: 'Carol Davis', preferences: [ 'home', 'kitchen', 'books' ] }
]
amazon_db_mongo> // 3. Use $all to Match Multiple Array Elements

amazon_db_mongo> // Description: Find customers who prefer both "electronics" and "books".

amazon_db_mongo> // Explanation: The `$all` operator matches documents where the `preferences` array contains all specified values, regardless of order.

amazon_db_mongo> db.Customers.find(
...   { preferences: { $all: ["electronics", "books"] } },
...   { name: 1, preferences: 1, _id: 0 }
... )
[ { name: 'Alice Johnson', preferences: [ 'electronics', 'books' ] } ]
amazon_db_mongo> // 4. Use $elemMatch to Match Specific Criteria

amazon_db_mongo> // Description: Find customers who have at least one order starting with "000".

amazon_db_mongo> // Explanation: The `$elemMatch` operator ensures at least one element in the `orders` array matches the given criteria.

amazon_db_mongo> db.Customers.find(
...   { orders: { $elemMatch: { $regex: /^000/ } } },
...   { name: 1, orders: 1, _id: 0 }
... )
[
  { name: 'Bob Smith', orders: [ '0003' ] },
  { name: 'Alice Johnson', orders: [ '0001', '0002' ] },
  { name: 'Carol Davis', orders: [ '0004', '0005', '0006' ] }
]
amazon_db_mongo> // 5. Query a Specific Array Index

amazon_db_mongo> // Description: Find customers whose second preference (index `1`) is "electronics".

amazon_db_mongo> // Explanation: This query directly accesses the second element in the `preferences` array to check if it matches "electronics".

amazon_db_mongo> db.Customers.find(
...   { "preferences.1": "electronics" },
...   { name: 1, preferences: 1, _id: 0 }
... )
[ { name: 'Bob Smith', preferences: [ 'fashion', 'electronics' ] } ]
amazon_db_mongo>

```