

```
Restaurants> db.restaurant.find()
```

```
[
```

```
Restaurants> db.restaurant.find({}, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1 })
```

```
[
```

```
{
  _id: ObjectId('66fbf2d223d6765f37373c20'),
  borough: 'Brooklyn',
  cuisine: 'Hamburgers',
  name: "Wendy'S",
  restaurant_id: '30112340'
}
```

```
Restaurants> db.restaurant.find( {}, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1, _id: 0 } )
```

```
[
```

```
{
  borough: 'Brooklyn',
  cuisine: 'Hamburgers',
  name: "Wendy'S",
  restaurant_id: '30112340'
}
```

```
Restaurants> db.restaurant.find({ borough: "Bronx" })
```

```
[
```

```
{
  _id: ObjectId('66fbf2d223d6765f37373c23'),
  address: {
    building: '1007',
    coord: [ -73.856077, 40.848447 ],
    street: 'Morris Park Ave',
    zipcode: '10462'
  },
  borough: 'Bronx',
  cuisine: 'Bakery',
  grades: [
```

```
Restaurants> db.restaurant.find({ borough: "Bronx" }).limit(5)
```

```
[
```

```
{
  _id: ObjectId('66fbf2d223d6765f37373c23'),
  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'),
```

```
Restaurants> db.restaurant.find({ borough: "Bronx" }).skip(5).limit(5)
[
  {
    _id: ObjectId('66fbf2d223d6765f37373c5a'),
    address: {
      building: '658',
      coord: [ -73.81363999999999, 40.829411000000001 ],
      street: 'Clarence Ave',
      zipcode: '10451'
    },
    borough: 'Bronx',
    cuisine: 'American',
    grades: [ 70 ]
  }
]
```

```
Restaurants> db.restaurant.find({ "grades.score": { $gt: 90 } })
[
  {
    _id: ObjectId('66fbf2d223d6765f37373d81'),
    address: {
      building: '65',
      coord: [ -73.9782725, 40.7624022 ],
      street: 'West 54 Street',
      zipcode: '10019'
    },
    borough: 'Manhattan',
    cuisine: 'American',
    grades: [ 95 ]
  }
]
```

```
Restaurants> db.restaurant.find({ "grades.score": { $gt: 90, $lt: 100 } })
[
  {
    _id: ObjectId('66fbf2d223d6765f37373d81'),
    address: {
      building: '65',
      coord: [ -73.9782725, 40.7624022 ],
      street: 'West 54 Street',
      zipcode: '10019'
    },
    borough: 'Manhattan',
    cuisine: 'American',
    grades: [ 95 ]
  }
]
```

```
Restaurants> db.restaurant.find({ "address.coord.0": { $lt: -95.754168 } })
[
  {
    _id: ObjectId('66fbf2d223d6765f37374267'),
    address: {
      building: '3707',
      coord: [ -101.8945214, 33.5197474 ],
      street: '82 Street',
      zipcode: '11372'
    },
    borough: 'Queens',
    cuisine: 'American',
    grades: [ 70 ]
  }
]
```

```
Restaurants> db.restaurant.find({ cuisine: { $ne: "American" }, "grades.score": { $gt: 70 }, "address.coord.0": { $lt: -65.754168 } })
[
  {
    _id: ObjectId('66fbf2d223d6765f37373d81'),
    address: {
      building: '65',
      coord: [ -73.9782725, 40.7624022 ],
      street: 'West 54 Street',
      zipcode: '10019'
    },
    borough: 'Manhattan',
    cuisine: 'American',
    grades: [ 95 ]
  }
]
```

```
Restaurants> db.restaurant.find({ cuisine: { $ne: "américaine" }, "grades.score": { $gt: 70 }, "address.coord.0": { $lt: -65.754168 } })
```

```
[
  {
    _id: ObjectId('66fbf2d223d6765f37373d81'),
    address: {
      building: '65',
      coord: [ -73.9995895, 40.7624022 ],
      street: 'Baxter Street',
      zipcode: '10013'
    },
    borough: 'Manhattan',
    cuisine: 'American',
    name: 'Baxter Street',
    restaurant_id: '40356483',
    grades: {
      score: 75
    }
  }
]
```

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

```
[
  {
    _id: ObjectId('66fbf2d223d6765f3737432a'),
    address: {
      building: '89',
      coord: [ -73.9995899, 40.7168015 ],
      street: 'Baxter Street',
      zipcode: '10013'
    },
    borough: 'Manhattan',
    cuisine: 'American',
    name: 'Baxter Street',
    restaurant_id: '40356483',
    grades: {
      grade: 'A'
    }
  }
]
```

```
Restaurants> db.restaurant.find({ name: { $regex: /Wil/ } }, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1, _id: 0 })
```

```
[
  {
    borough: 'Brooklyn',
    cuisine: 'Delicatessen',
    name: "Wilken'S Fine Food",
    restaurant_id: '40356483'
  }
]
```

```
Restaurants> db.restaurant.find({ name: { $regex: /ces$/ } }, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1, _id: 0 })
```

```
[
  {
    borough: 'Manhattan',
    cuisine: 'American ',
    name: 'Pieces',
    restaurant_id: '40399910'
  },
]
```

```
Restaurants> db.restaurant.find({ name: { $regex: /Reg/ } }, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1, _id: 0 })
```

```
[
  {
    borough: 'Brooklyn',
    cuisine: 'American ',
    name: 'Regina Caterers',
    restaurant_id: '40356649'
  },
]
```

```
Restaurants> db.restaurant.find({ borough: "Bronx", cuisine: { $in: ["American", "Chinese"] } })
```

```
[
  {
    _id: ObjectId('66fbf2d223d6765f37373c44'),
    address: {
      building: '1236',
      coord: [ -73.8893654, 40.81376179999999 ],
      street: '238 Spofford Ave',
      zipcode: '10474'
    },
    borough: 'Bronx',
    cuisine: 'Chinese',
    name: '238 Spofford Ave',
    restaurant_id: '40356649',
    grades: {
      score: 75
    }
  }
]
```

```
Restaurants> db.restaurant.find({ borough: { $nin: ["Staten Island", "Queens", "Bronx", "Brooklyn"] } }, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1, _id: 0 })
[
  {
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: 'Wendy'S',
    restaurant_id: '30112340'
  },
]
```

```
Restaurants> db.restaurant.find({ borough: { $nin: ["Staten Island", "Queens", "Bronx", "Brooklyn"] } }, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1, _id: 0 })
[
  {
    borough: 'Manhattan',
    cuisine: 'American ',
    name: '1 East 66Th Street Kitchen',
    restaurant_id: '40359480'
  },
]
```

```
Restaurants> db.restaurant.find({ "grades.score": { $lte: 10 } }, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1, _id: 0 })
[
  {
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: 'Wendy'S',
    restaurant_id: '30112340'
  },
]
```

```
Restaurants> db.restaurant.find({ $or: [ { cuisine: { $nin: ["American", "Chinees"] } }, { name: { $regex: /^Wil/ } } ] }, { restaurant_id: 1, name: 1, borough: 1, cuisine: 1, _id: 0 })
[
  {
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: 'Wendy'S',
    restaurant_id: '30112340'
  },
]
```

```
Restaurants> db.restaurant.find({ "grades": { $elemMatch: { grade: "A", score: 11, date: ISODate("2014-08-11T00:00:00Z") } } }, { restaurant_id: 1, name: 1, grades: 1, _id: 0 })
[
  {
    grades: [
      {
        date: ISODate('2014-08-11T00:00:00.000Z'),

```

```
Restaurants> db.restaurant.find({ "grades.1.grade": "A", "grades.1.score": 9, "grades.1.date": ISODate("2014-08-11T00:00:00Z") }, { restaurant_id: 1, name: 1, grades: 1, _id: 0 })
[
  {
    grades: [
      {
        date: ISODate('2015-01-12T00:00:00.000Z'),
        grade: 'A',
        score: 10
      },
    ],
  },
]
```

```
Restaurants> db.restaurant.find({ "address.coord.1": { $gt: 42, $lt: 52 } },
{ restaurant_id: 1, name: 1, address: 1, _id: 0 })
[
  {
    address: {
      building: '47',
      coord: [ -78.877224, 42.89546199999999 ],
      street: 'Broadway @ Trinity Pl',
      zipcode: '10006'
    },
    name: "T.G.I. Friday'S",
    restaurant_id: '40387990'
  },
]
```

```
Restaurants> db.restaurant.find().sort({ name: 1 })
[
  {
    _id: ObjectId('66fbf2d223d6765f373748ae'),
    address: {
      building: '129',
      coord: [ -73.962943, 40.685007 ],
      street: 'Gates Avenue',
      zipcode: '11238'
    },
    borough: 'Brooklyn',
    cuisine: 'Italian',
    grades: [

```

```
Restaurants> db.restaurant.find({ "address.street": { $exists: true } })
[
  {
    _id: ObjectId('66fbf2d223d6765f37373c20'),
    address: {
      building: '469',
      coord: [ -73.961704, 40.662942 ],
      street: 'Flatbush Avenue',
      zipcode: '11225'
    },

```

```
Restaurants> db.restaurant.find({ name: { $regex: /^Mad/ } }, { name: 1, bor
borough: 1, "address.coord.0": 1, "address.coord.1": 1, cuisine: 1, _id: 0 }
)
[
  {
    address: { coord: [] },
    borough: 'Manhattan',

```