```
db.restaurants.find();


db.restaurants.find({}, {
 "restaurant_id": 1,
 "name": 1,
 "borough": 1,
 "cuisine": 1
});


db.restaurants.find({}, {
 "restaurant_id": 1,
 "name": 1,
 "borough": 1,
 "cuisine": 1,
 "_id": 0
});


db.restaurants.find({}, {
 "restaurant_id": 1,
 "name": 1,
 "borough": 1,
 "address.zipcode": 1,
 "_id": 0
});


db.restaurants.find({
 "borough": "Bronx"
});


db.restaurants.find({
```

```
    "borough": "Bronx"
}).limit(5);


db.restaurants.find({
    "borough": "Bronx"
}).skip(5).limit(5);


db.restaurants.find({
    grades: {
      $elemMatch: {
        "score": {
          $gt: 90
        }
      }
    }
});


db.restaurants.find({
    grades: {
      $elemMatch: {
        "score": {
          $gt: 80,
          $lt: 100
        }
      }
    }
});


db.restaurants.find({
    "address.coord": {
      $lt: -95.754168
```

```
  }
});


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


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

```
  }
});


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


db.restaurants.find({
  name: /^Wil/
}, {
  "restaurant_id": 1,
  "name": 1,
  "borough": 1,
  "cuisine": 1
});


db.restaurants.find({
  name: /ces$/
}, {
  "restaurant_id": 1,
```

```
  "name": 1,

  "borough": 1,

  "cuisine": 1

});



db.restaurants.find({

  "name": /.*Reg.*/

}, {

  "restaurant_id": 1,

  "name": 1,

  "borough": 1,

  "cuisine": 1

});



db.restaurants.find({

  "borough": "Bronx",

  $or: [{

      "cuisine": "American "

    },

    {

      "cuisine": "Chinese"

    }

  ]

});



db.restaurants.find({

  "borough": {

    $in: ["Staten Island", "Queens", "Bronx", "Brooklyn"]

  }
```

```
}, {
  "restaurant_id": 1,

  "name": 1,

  "borough": 1,

  "cuisine": 1

});


db.restaurants.find({
  "borough": {

    $nin: ["Staten Island", "Queens", "Bronx", "Brooklyn"]

  }

}, {
  "restaurant_id": 1,

  "name": 1,

  "borough": 1,

  "cuisine": 1

});


db.restaurants.find({
  "grades.score": {

    $not: {

      $gt: 10

    }

  }

}, {
  "restaurant_id": 1,

  "name": 1,

  "borough": 1,

  "cuisine": 1

});
```

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


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

```
}, {
  "restaurant_id": 1,
  "name": 1,
  "grades": 1
});


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


db.restaurants.find({
  "address.coord.1": {
    $gt: 42,
    $lte: 52
  }
}, {
  "restaurant_id": 1,
  "name": 1,
  "address": 1,
  "coord": 1
});


db.restaurants.find().sort({
  "name": 1
```

```
});


db.restaurants.find().sort({
  "name": -1
});


db.restaurants.find().sort({
  "cuisine": 1,
  "borough": -1,
});


db.restaurants.find({
  "address.street": {
    $exists: true
  }
});


db.restaurants.find({
  "address.coord": {
    $type: 1
  }
});


db.restaurants.find({
  "grades.score": {
    $mod: [7, 0]
  }
```

```
}, {
  "restaurant_id": 1,
  "name": 1,
  "grades": 1
});


db.restaurants.find({
  name: {
    $regex: "mon.*",
    $options: "i"
  }
}, {
  "name": 1,
  "borough": 1,
  "address.coord": 1,
  "cuisine": 1
});


db.restaurants.find({
  name: {
    $regex: /^Mad/i,
  }
}, {
  "name": 1,
  "borough": 1,
  "address.coord": 1,
  "cuisine": 1
});
```