

## Task 01

db.Restraunts.find()

```
labtasks> db.Restraunts.find()
[
  {
    _id: ObjectId("637ef385e26c9b8a602137fc"),
    address: {
      building: '1007',
      coord: [ -73.856077, 40.848447 ],
      street: 'Morris Park Ave',
      zipcode: '10462'
    },
    borough: 'Bronx',
    cuisine: 'Bakery',
    grades: [
      { date: { date: 1393804800000 }, grade: 'A', score: 2 },
      { date: { date: 1378857600000 }, grade: 'A', score: 6 },
      { date: { date: 1358985600000 }, grade: 'A', score: 10 },
      { date: { date: 1322006400000 }, grade: 'A', score: 9 },
      { date: { date: 1299715200000 }, grade: 'B', score: 14 }
    ],
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  }
]
labtasks>
```

## Task 02

```
labtasks> db.Restraunts.find({}, {"restaurant_id" : 1, "name":1, "borough":1, "cuisine" :1});
[
  {
    _id: ObjectId("637ef385e26c9b8a602137fc"),
    borough: 'Bronx',
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  }
]
labtasks>
```

## Task 03

```
labtasks> db.Restraunts.find({}, {"restaurant_id" : 1, "name":1, "borough":1, "cuisine" :1, "_id":0});
[
  {
    borough: 'Bronx',
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  }
]
labtasks>
```

## Task 04

```

labtasks> db.Restraunts.find({},{"restaurant_id" : 1,"name":1,"borough":1,"address.zipcode" :1,"_id":0});
[
  {
    address: { zipcode: '10462' },
    borough: 'Bronx',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  }
]

```

Task 05

```

labtasks> db.Restraunts.find({"borough": "Bronx"});
[
  {
    _id: ObjectId("637ef385e26c9b8a602137fc"),
    address: {
      building: '1007',
      coord: [ -73.856077, 40.848447 ],
      street: 'Morris Park Ave',
      zipcode: '10462'
    },
    borough: 'Bronx',
    cuisine: 'Bakery',
    grades: [
      { date: { date: 1393804800000 }, grade: 'A', score: 2 },
      { date: { date: 1378857600000 }, grade: 'A', score: 6 },
      { date: { date: 1358985600000 }, grade: 'A', score: 10 },
      { date: { date: 1322006400000 }, grade: 'A', score: 9 },
      { date: { date: 1299715200000 }, grade: 'B', score: 14 }
    ],
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  }
]
labtasks>

```

Task 06

```

labtasks> db.Restraunts.find({"borough": "Bronx"}).limit(5);
[
  {
    _id: ObjectId("637ef385e26c9b8a602137fc"),
    address: {
      building: '1007',
      coord: [ -73.856077, 40.848447 ],
      street: 'Morris Park Ave',
      zipcode: '10462'
    },
    borough: 'Bronx',
    cuisine: 'Bakery',
    grades: [
      { date: { date: 1393804800000 }, grade: 'A', score: 2 },
      { date: { date: 1378857600000 }, grade: 'A', score: 6 },
      { date: { date: 1358985600000 }, grade: 'A', score: 10 },
      { date: { date: 1322006400000 }, grade: 'A', score: 9 },
      { date: { date: 1299715200000 }, grade: 'B', score: 14 }
    ],
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'
  }
]
labtasks> _

```

Task 07

```

labtasks> db.Restraunts.find({grades : { $elemMatch:{"score":{$gt : 90}}}});
labtasks> _

```

Task 08

```

labtasks> db.Restraunts.find({grades : { $elemMatch:{"score":{$gt : 80 , $lt :100}}}});
labtasks> _

```

Task 09

```

labtasks> db.Restraunts.find({"address.coord" : {$lt : -95.754168}});
labtasks> _

```

Task 10

```

labtasks> db.Restraunts.find( { "borough": "Bronx", $or: [ { "cuisine": "American" }, { "cuisine": "Chinese" } ] });
labtasks>

```