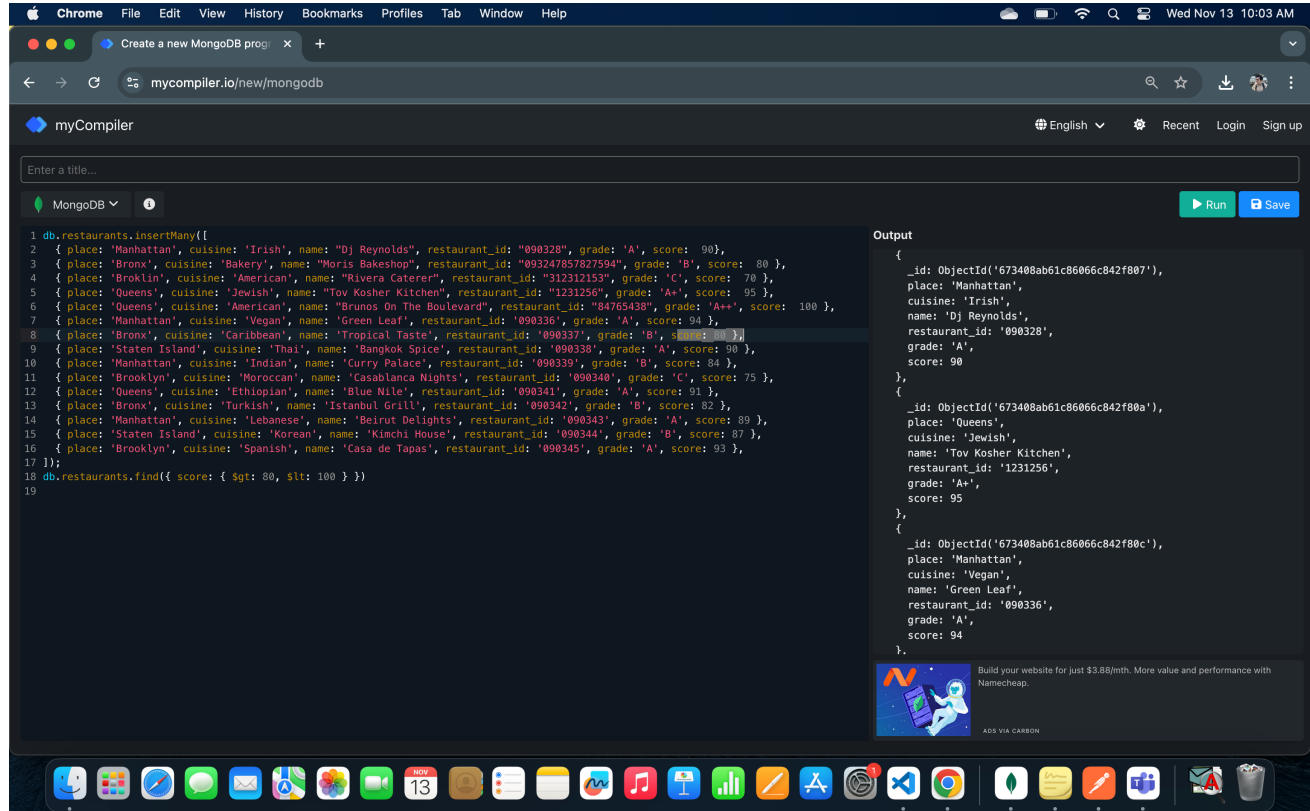


Screenshot:



Explanation:

First, I used ***insertMany*** to insert 15 documents in the collection named “restaurants”. Those documents are about restaurants and their score. Some restaurants got greater than 80 score, some did not.

Next, I used the find, so that it will return the document I needed. I then used comparison query to specify what documents I needed. First, the **\$gt** stands for greater than. While **\$lt** stands for less than. So, when I run the code, it would only return the documents with scores greater than 80, but less than 100.

Code:

```
db.restaurants.insertMany([
  { place: 'Manhattan', cuisine: 'Irish', name: "Dj Reynolds", restaurant_id: "090328", grade: 'A', score: 90},
  { place: 'Bronx', cuisine: 'Bakery', name: "Moris Bakeshop", restaurant_id: "093247857827594", grade: 'B',
score: 80 },
  { place: 'Brooklyn', cuisine: 'American', name: "Rivera Caterer", restaurant_id: "312312153", grade: 'C',
score: 70 },
```

```

    { place: 'Queens', cuisine: 'Jewish', name: "Tov Kosher Kitchen", restaurant_id: "1231256", grade: 'A+',
score: 95 },
    { place: 'Queens', cuisine: 'American', name: "Brunos On The Boulevard", restaurant_id: "84765438",
grade: 'A++', score: 100 },
    { place: 'Manhattan', cuisine: 'Vegan', name: 'Green Leaf', restaurant_id: '090336', grade: 'A', score: 94 },
    { place: 'Bronx', cuisine: 'Caribbean', name: 'Tropical Taste', restaurant_id: '090337', grade: 'B', score: 80 },
    { place: 'Staten Island', cuisine: 'Thai', name: 'Bangkok Spice', restaurant_id: '090338', grade: 'A', score: 90
},
    { place: 'Manhattan', cuisine: 'Indian', name: 'Curry Palace', restaurant_id: '090339', grade: 'B', score: 84 },
    { place: 'Brooklyn', cuisine: 'Moroccan', name: 'Casablanca Nights', restaurant_id: '090340', grade: 'C',
score: 75 },
    { place: 'Queens', cuisine: 'Ethiopian', name: 'Blue Nile', restaurant_id: '090341', grade: 'A', score: 91 },
    { place: 'Bronx', cuisine: 'Turkish', name: 'Istanbul Grill', restaurant_id: '090342', grade: 'B', score: 82 },
    { place: 'Manhattan', cuisine: 'Lebanese', name: 'Beirut Delights', restaurant_id: '090343', grade: 'A', score:
89 },
    { place: 'Staten Island', cuisine: 'Korean', name: 'Kimchi House', restaurant_id: '090344', grade: 'B', score:
87 },
    { place: 'Brooklyn', cuisine: 'Spanish', name: 'Casa de Tapas', restaurant_id: '090345', grade: 'A', score: 93
},
]);
db.restaurants.find({ score: { $gt: 80, $lt: 100 } })

```

Output:

```

acknowledged: true,
insertedIds: {
  '0': ObjectId('673408ab61c86066c842f807'),
  '1': ObjectId('673408ab61c86066c842f808'),
  '2': ObjectId('673408ab61c86066c842f809'),
  '3': ObjectId('673408ab61c86066c842f80a'),
  '4': ObjectId('673408ab61c86066c842f80b'),
  '5': ObjectId('673408ab61c86066c842f80c'),
  '6': ObjectId('673408ab61c86066c842f80d'),
  '7': ObjectId('673408ab61c86066c842f80e'),
  '8': ObjectId('673408ab61c86066c842f80f'),
  '9': ObjectId('673408ab61c86066c842f810'),
  '10': ObjectId('673408ab61c86066c842f811'),
  '11': ObjectId('673408ab61c86066c842f812'),
  '12': ObjectId('673408ab61c86066c842f813'),
  '13': ObjectId('673408ab61c86066c842f814'),
  '14': ObjectId('673408ab61c86066c842f815')
}
}
mycompiler_mongodb> [
{
  _id: ObjectId('673408ab61c86066c842f807'),
  place: 'Manhattan',
  cuisine: 'Irish',
  name: 'Dj Reynolds',
  restaurant_id: '090328',
  grade: 'A',

```

```
    score: 90
  },
  {
    _id: ObjectId('673408ab61c86066c842f80a'),
    place: 'Queens',
    cuisine: 'Jewish',
    name: 'Tov Kosher Kitchen',
    restaurant_id: '1231256',
    grade: 'A+',
    score: 95
  },
  {
    _id: ObjectId('673408ab61c86066c842f80c'),
    place: 'Manhattan',
    cuisine: 'Vegan',
    name: 'Green Leaf',
    restaurant_id: '090336',
    grade: 'A',
    score: 94
  },
  {
    _id: ObjectId('673408ab61c86066c842f80e'),
    place: 'Staten Island',
    cuisine: 'Thai',
    name: 'Bangkok Spice',
    restaurant_id: '090338',
    grade: 'A',
    score: 90
  },
  {
    _id: ObjectId('673408ab61c86066c842f80f'),
    place: 'Manhattan',
    cuisine: 'Indian',
    name: 'Curry Palace',
    restaurant_id: '090339',
    grade: 'B',
    score: 84
  },
  {
    _id: ObjectId('673408ab61c86066c842f811'),
    place: 'Queens',
    cuisine: 'Ethiopian',
    name: 'Blue Nile',
    restaurant_id: '090341',
    grade: 'A',
    score: 91
  },
  {
    _id: ObjectId('673408ab61c86066c842f812'),
    place: 'Bronx',
```

```
cuisine: 'Turkish',
name: 'Istanbul Grill',
restaurant_id: '090342',
grade: 'B',
score: 82
},
{
  _id: ObjectId('673408ab61c86066c842f813'),
  place: 'Manhattan',
  cuisine: 'Lebanese',
  name: 'Beirut Delights',
  restaurant_id: '090343',
  grade: 'A',
  score: 89
},
{
  _id: ObjectId('673408ab61c86066c842f814'),
  place: 'Staten Island',
  cuisine: 'Korean',
  name: 'Kimchi House',
  restaurant_id: '090344',
  grade: 'B',
  score: 87
},
{
  _id: ObjectId('673408ab61c86066c842f815'),
  place: 'Brooklyn',
  cuisine: 'Spanish',
  name: 'Casa de Tapas',
  restaurant_id: '090345',
  grade: 'A',
  score: 93
}
]
```