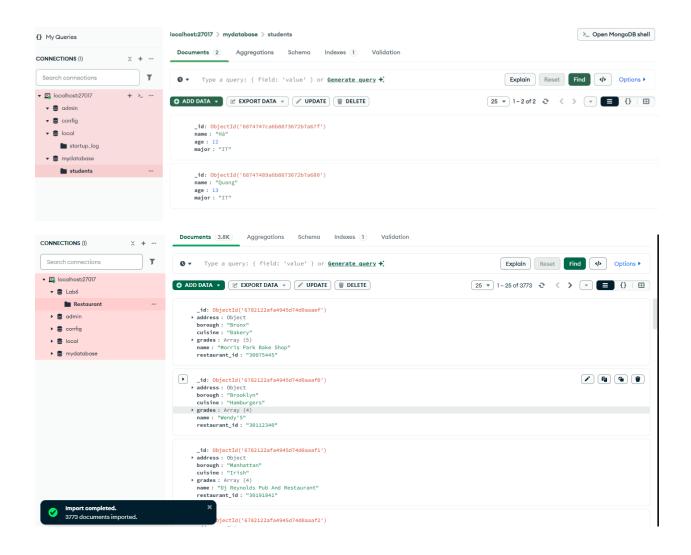
Result of lab 7



```
>_MONGOSH

test> db["Stock"].find())
```

```
de["Restaurant"].find([),{restaurant_id: 1, name: 1, borough: 1, cuisine:1})

_ di: ObjectId('6782122afa4945d74d@aaaef'),
    borough: 'Bronx',
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',
    restaurant_id: '30075445'

}

{
    _id: ObjectId('6782122afa4945d74d@aaaf0'),
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: "Wendy'S",
    restaurant_id: '30112340'

}

{
    _id: ObjectId('6782122afa4945d74d@aaaf1'),
    borough: 'Manhattan',
    cuisine: 'Irish',
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'

}

{
    _id: ObjectId('6782122afa4945d74d@aaaf2'),
    borough: 'Brooklyn',
    cuisine: 'Aaarfcan',
    name: 'Riviera Caterer',
    cuisine: 'Riviera Caterer',
```

```
db("Restaurant"].find((),{restaurant_id: 1, name: 1, borough: 1, cuisine:1))

{
    _id: ObjectId('6782122afa4945d74d9aaaef'),
    borough: 'Bronx',
    cuisine: 'Bakery',
    name: 'Morris Park Bake Shop',
    restaurant_id: '39075445'

}

{
    _id: ObjectId('6782122afa4945d74d9aaaf0'),
    borough: 'Brooklyn',
    cuisine: 'Hamburgers',
    name: "Wendy'S",
    restaurant_id: '30112340'

}

{
    _id: ObjectId('6782122afa4945d74d9aaaf1'),
    borough: 'Manhattan',
    cuisine: 'Irish',
    name: 'Dj Reynolds Pub And Restaurant',
    restaurant_id: '30191841'

}

{
    _id: ObjectId('6782122afa4945d74d9aaaf2'),
    borough: 'Brooklyn',
    cuisine: 'Namica Caterer',
    restaurant_id: '40356018'
```

```
// Lấy danh sách các borough duy nhất
 const boroughs = db.Restaurant.distinct("borough")
 // Với mỗi borough, đếm số document và in ra
 boroughs.forEach(b => {
   const cnt = db.Restaurant.countDocuments({ borough: b })
   print(b + ": " + cnt)
 Bronx: 310
 Brooklyn: 684
 Manhattan: 1883
 Queens: 738
 Staten Island: 158
Lab6>
db["Restaurant"].find({borough:"Queens"}).count()
738
> db["Restaurant"].find({"grades.score": {$gte: 90}}).count()
> db["Restaurant"].find({"grades.score": {$gte: 80,$lt: 100}}).count()
> db["Restaurant"].find({ "address.coord.1": { $lt: -95.754168 } }).count()
 > db["Restaurant"].find({"grades.grade" : {$lt:10}}).count()
db.Restaurant.find({
   borough: "Queens",
   cuisine: { $ne: "American" }
 }).count()
Lab6>
```

Student List

Add New Student Show Excellent Students Show Top Student			
Enter exact name	Search by Name		
Enter name for fuzzy search	Fuzzy Search		
All Majors ➤ Filter by Major			
Min Age:	Max Age:	Filter by Age	
All Genders ♥ Filter by Gen	der		

Students per Major

Thêm Sinh Viên Mới

Họ Tên: PHAM MANH HA		
Tuổi: 12		
Giới Tính: male		
Chuyên Ngành: IT		
Điểm Toán: 6		
Điểm Văn: 6		
Điểm Anh: 6		
Thêm Sinh Viên		

Student List

Add New Student Show Excellent Students Show Top Student		
Enter exact name	Search by Name	
Enter name for fuzzy search	Fuzzy Search	
All Majors ➤ Filter by Major		
Min Age:	Max Age: Filter by Age	
All Genders ➤ Filter by Gen	der	

- PHAM MANH HA Age: 12 Gender: mail Major: IT Scores: Math: 6, Literature: 6, English: 6 GPA: 6.00 Rank: Average Edit Delete
- PHAM MANH HA Age: 12 Gender: male Major: IT Scores: Math: 6, Literature: 6, English: 6 GPA: 6.00 Rank: Average Edit Delete

Students per Major

• IT: 2

