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CSE485
MongoDB Query
4/4/2019

1. > db.restaurants.find({}, {_id:0, name:1, restaurant_id:1, borough:1, "address.zipcode":
1}).limit(3).pretty()

output:
```
{
        "borough" : "Bronx",
        "name" : "Morris Park Bake Shop",
        "restaurant_id" : "30075445"
}
{ "borough" : "Brooklyn", "name" : "Wendy'S", "restaurant_id" : "30112340" }
{
        "borough" : "Manhattan",
        "name" : "Dj Reynolds Pub And Restaurant",
        "restaurant_id" : "30191841"
}
```

2. > db.restaurants.find({"grades.score": {$gt: 90}}, {"name":1, _id :0}).pretty()
output:
```
{ "name" : "Murals On 54/Randolphs'S" }
{ "name" : "Gandhi" }
{ "name" : "Bella Napoli" }
{ "name" : "Baluchi'S Indian Food" }
```

3. > db.restaurants.find({"grades.score": {$gt: 70}, "cuisine": {$ne: "American"}}, {"name":1, "cuisine":
1, _id:0}).pretty()
output:
```
{ "cuisine" : "Indian", "name" : "Gandhi" }
{ "cuisine" : "Pizza/Italian", "name" : "Bella Napoli" }
{
        "cuisine" : "Latin (Cuban, Dominican, Puerto Rican, South & Central American)",
        "name" : "El Molino Rojo Restaurant"
}
{ "cuisine" : "Bakery", "name" : "Fortunato Bros Cafe & Bakery" }
{ "cuisine" : "Italian", "name" : "Two Boots Grand Central" }
```

4. > db.restaurants.find({}, {_id:1, name:1}).sort({_id:-1}).limit(10).pretty()
output:
```
{ "_id" : ObjectId("5ca3bd1671b5e532c46aed29"), "name" : "Cold Press'D" }
{ "_id" : ObjectId("5ca3bd1671b5e532c46aed28"), "name" : "Indian Oven" }
{ "_id" : ObjectId("5ca3bd1671b5e532c46aed27"), "name" : "" }
{
        "_id" : ObjectId("5ca3bd1671b5e532c46aed26"),
        "name" : "Fairfield Inn Suites Penn Station"
}
```

5. db.restaurants.find({"borough":{$nin: ["Staten Island", "Queens", "Bronx", "Brooklyn"]}}, {_id:1,
name:1, borough:1, cuisine:1}).pretty()

output:

```
{
        "_id" : ObjectId("5ca3bd1371b5e532c46a8a1d"),
        "borough" : "Manhattan",
        "cuisine" : "Irish",
        "name" : "Dj Reynolds Pub And Restaurant"
}
{
        "_id" : ObjectId("5ca3bd1371b5e532c46a8a28"),
        "borough" : "Manhattan",
        "cuisine" : "American",
        "name" : "1 East 66Th Street Kitchen"
}
{
        "_id" : ObjectId("5ca3bd1371b5e532c46a8a2d"),
        "borough" : "Manhattan",
        "cuisine" : "American",
        "name" : "Glorious Food"
}
{
        "_id" : ObjectId("5ca3bd1371b5e532c46a8a30"),
        "borough" : "Manhattan",
        "cuisine" : "Delicatessen",
        "name" : "Bully'S Deli"
}
{
        "_id" : ObjectId("5ca3bd1371b5e532c46a8a32"),
        "borough" : "Manhattan",
        "cuisine" : "Chicken",
        "name" : "Harriet'S Kitchen"
}
```

6. > db.restaurants.find({_id:0, name:1, address: {$exists: true}}).count()
output:
        0