

## Queries 6

1) Nom dels restaurants de cuina Irish situats al barri de Queens, Brooklyn o Manhattan que han tingut alguna puntuació més gran que 45.

-----  
**Quim** not henry

```
1/  
db.restaurants.find({cuisine:"Irish", "grades.score":{$gt:45}, borough:{$in:  
["Queens", "Brooklyn", "Manhattan"]}}, {name:1, _id:0})  
rows 3
```

```
//Enric  
db.restaurants.find({"borough": {$in:["Queens", "Brooklyn", "Manhattan"]}, "cuisine": "Irish", "grades.score":{$gt:  
45}}, {_id:0, name:1})  
{ "name" : "Peter Mcmanus" }  
{ "name" : "Soldier Mcgee Tavern" }  
{ "name" : "Greenpoint Lounge" }
```

```
2/  
db.restaurants.find({borough:"Queens", "grades":{"$elemMatch":{"grade":"A", "score":  
{$gt:20}}}}, {name:1, _id:0})  
{ "name" : "Gemini'S Lounge" }  
rows 1  
//Enric  
db.restaurants.find({grades : {$elemMatch : {grade : "A", score : { $gt: 20}}}, "borough":"Queens"}, {_id:0,  
name:1})  
{ "name" : "Gemini'S Lounge" }
```

```
3/  
db.restaurants.distinct("address.zipcode", { "address.coord.0": { $lt: -108}, "address.coord.1":  
{$gt: 38}}).sort()  
[ "10006", "10031", "11355", "11370" ]  
rows 4  
//Enric  
db.restaurants.distinct("address.zipcode", { "address.coord.0": { $lt: -108}, "address.coord.1": {$gt: 38}}).sort()  
[ "10006", "10031", "11355", "11370" ]
```

```
4/  
db.restaurants.find({"cuisine":"Pizza", name:{$gte:"New York", $lt:"New Yorka"}},  
{_id:0, name:1})  
{ "name" : "New York Pizza Suprema" }  
{ "name" : "New York Sal'S Pizzeria" }  
{ "name" : "New York Fried Chicken" }  
rows 3
```

```
4) Enric  
> db.restaurants.find({"cuisine": "Pizza", "name": {$gte: "New York", $lt: "New Yorl"}}, {name:1, _id:0} )  
{ "name" : "New York Pizza Suprema" }  
{ "name" : "New York Sal'S Pizzeria" }
```

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```
{ "name" : "New York Fried Chicken" }
```

5/ Quim

```
db.restaurants.find({$and:[{'grades.1':{$exists:true}}, {'grades.7':{$exists:false}}}).count()  
20848
```

5) Enric

```
> db.restaurants.find({'grades.1':{$exists:true}, 'grades.7': {$exists: false}}).count()  
20848
```

6/

```
db.restaurants.find({name:/mexic/i}).count()  
rows 202
```

//Enric

```
db.restaurants.find({"name" : { $regex: /mexic/i}}, {name:1, _id:0} ).count()  
202
```

7/

```
db.restaurants.distinct("borough").sort()
```

```
[  
"Bronx",  
"Brooklyn",  
"Manhattan",  
"Missing",  
"Queens",  
"Staten Island"
```

]

//Enric

```
db.restaurants.distinct("borough").sort()
```

8/

```
db.restaurants.find({"borough":"Manhattan",cuisine:"Tapas","grades.score":  
{$gt:20},"grades.grade":"A"}, {"_id":0,"name":1})
```

```
{ "name" : "Kana Tapas Bar & Restaurant" }
```

```
{ "name" : "Cafe Ronda" }
```

```
{ "name" : "No Fun" }
```

```
{ "name" : "Evr" }
```

```
{ "name" : "La Nuit" }
```

rows 5

//Enric

```
db.restaurants.find({"cuisine":"Tapas","borough": "Manhattan", "grades.score" : {$gt:20}, "grades.grade" :  
"A"}, {name:1, _id:0})
```

```
{ "name" : "Kana Tapas Bar & Restaurant" }
```

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```
{ "name" : "Cafe Ronda" }
```

```
{ "name" : "No Fun" }
```

```
{ "name" : "Evr" }
```

```
{ "name" : "La Nuit" }
```

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