

Databases, week 11

Using the
given
database

1) Find all the documents in the collection restaurants

```
db.restaurants.find({})
```

2) Find the fields restaurant_id, name, borough and cuisine for all the documents in the collection restaurant.

```
db.restaurants.find({}, {name: 1, borough: 1, cuisine: 1})
```

3) Find the first 5 restaurants which are in the borough Bronx.

```
db.restaurants.find({borough: "Bronx"}).limit(5)
```

4) Find the restaurant Id, name, borough and cuisine for those restaurants which prepared dish except 'American' and 'Chinese' or restaurant's name begins with letter 'Wil'.

```
db.restaurants.find({$or: [{cuisine: {$nin: ['American ', 'Chinese']}}, {name: {$regex: '^Wil.'}}]}, {name: 1, borough: 1, cuisine: 1})
```

5) Find the restaurant name, borough, longitude and attitude and cuisine for those restaurants which contain 'mon' as three letters somewhere in its name.

```
db.restaurants.find({name: {$regex: '.mon.'}}, {name: 1, borough: 1, "address.coord": 1, _id: 0})
```

6) Find the restaurant Id, name, borough and cuisine for those restaurants which belong to the borough Staten Island or Queens or Bronx or Brooklyn.

```
db.restaurants.find({borough: {$in: ['Staten Island', 'Queens', 'Bronx', 'Brooklyn']}}, {name: 1, borough: 1, cuisine: 1})
```