Note: use the same Restaurants DB used in previous assignments.

1. Find the total number of restaurants available in each zipcode.
2. Display the count of restaurants which serves “Irish” cuisine.
3. Find the total number of times grades given for each restaurant.

Note: unique restaurant is identified by restaurant\_id

Hint:

**{"address": {"building": "1007", "coord": [-73.856077, 40.848447], "street": "Morris Park Ave", "zipcode": "10462"}, "borough": "Bronx", "cuisine": "Bakery", "grades": [{"date": {"$date": 1393804800000}, "grade": "A", "score": 2}, {"date": {"$date": 1378857600000}, "grade": "A", "score": 6}, {"date": {"$date": 1358985600000}, "grade": "A", "score": 10}, {"date": {"$date": 1322006400000}, "grade": "A", "score": 9}, {"date": {"$date": 1299715200000}, "grade": "B", "score": 14}], "name": "Morris Park Bake Shop", "restaurant\_id": "30075445"}**

In the above document, the restaurant **"restaurant\_id": "30075445"** has 5 grades

1. Find the total number of times grades given for a restaurant “40366222”.
2. Find the total number of times grades given for each grade to a restaurant “**30075445**”.

Hint: In above give document in question 3, for restaurant **30075445,** grade ‘A’ given for 4 times and grade ‘B’ given for 1 time.

1. Find the total score obtained by each restaurant.

Hint: Hint: In above give document in question 3, for restaurant **30075445,** total score obtained by the restaurant is 41

1. Find the total score obtained by restaurant 30112340 in each grade type.

Hint: Hint: In above give document in question 3, for restaurant **30075445,** total score obtained by the restaurant for grade A is 27 and grade B is 41

1. Find the total score obtained by each restaurant in each grade type.

Hint: Hint: In above give document in question 3, for restaurant **30075445,** total score obtained by the restaurant for grade A is 27 and grade B is 41