**MongoDB Exercises**

1. Write a MongoDB query to display all the documents in the collection restaurants.

Ans- db.restaurants.find().pretty()

1. Write a MongoDB query to display the fields restaurant\_id, name, borough and cuisine for all the documents in the collection restaurant.

Ans-db.restaurants.find({},{"restaurant\_id":1,"name":1,"borough":1,"cuisine":1}).pretty()

1. Write a MongoDB query to display the fields restaurant\_id, name, borough and cuisine, but exclude the field \_id for all the documents in the collection restaurant.

Ans-db.restaurants.find({},{"restaurant\_id":1,"name":1,"borough":1,"cuisine":1,"\_id":0}).pretty()

1. Write a MongoDB query to display the fields restaurant\_id, name, borough and zip code, but exclude the field \_id for all the documents in the collection restaurant.

Ans- db.restaurants.find({},{"restaurant\_id":1,"name":1,"borough":1,"address.zipcode":1,”\_id”:0}).pretty()

1. Write a MongoDB query to display all the restaurant which is in the borough Bronx.

Ans- db.restaurants.find({},{"restaurant\_id":1,"name":1},{$borough:"bronx"}).pretty()

1. Write a MongoDB query to display the first 5 restaurant which is in the borough Bronx.

Ans- db.restaurants.find({},{"restaurant\_id":1,"name":1},{$borough:"bronx"}).limit(5).pretty()

1. Write a MongoDB query to display the next 5 restaurants after skipping first 5 which are in the borough Bronx.

Ans- db.restaurants.find({},{"restaurant\_id":1,"name":1},{$borough:"bronx"}).skip(5).limit(5).pretty()

1. Write a MongoDB query to find the restaurants who achieved a score more than 90.

Ans- db.restaurants.find( {"grades.0.score":{$gt:90}}).pretty()

1. Write a MongoDB query to find the restaurants that achieved a score, more than 80 but less than 100.

Ans-db.restaurants.find( {"grades.0.score":{$gt:80,$lt:100}}).pretty()

1. Write a MongoDB query to find the restaurants, which locate in latitude value less than -95.754168.

Ans- db.restaurants.find( {"address.coord.0":{$lt:-95.754168}}).pretty()

1. Write a MongoDB query to find the restaurants that do not prepare any cuisine of 'American' and their grade score more than 70 and latitude less than -65.754168.

Ans- db.restaurants.find( {"address.coord.0":{$lt:-65.754168},"cuisine":{$ne:"American"},"grades.0.score":{$gt:70}}).pretty()

1. Write a MongoDB query to find the restaurants, which do not prepare any cuisine of 'American ' and achieved a grade point 'A' not belongs to the borough Brooklyn. The document must be displayed according to the

cuisine in descending order.

1. Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants, which contain 'Wil' as first three letters for its name.
2. Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which achieved a score which is not more than 10.
3. Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which prepared dish except 'American' and 'Chinees' or restaurant's name begins with letter 'Wil'.
4. Write a MongoDB query to find the restaurant Id, name and grades for those restaurants where the 2nd element of grades array contains a grade of "A" and score 9 on an ISODate "2014-08-11T00:00:00Z".
5. Write a MongoDB query to arrange the name of the restaurants in ascending order along with all the columns.
6. Write a MongoDB query to know whether all the addresses contains the street or not.
7. Write a MongoDB query to find the restaurant name, borough, longitude and attitude and cuisine for those restaurants, which contains 'mon' as three letters somewhere in its name.
8. Write a MongoDB query to find the restaurant name, borough, longitude and latitude and cuisine for those restaurants, which contain 'Mad' as first three letters of its name.