**MongoDB Exercise 2**

**Aims: Writing and Executing MongoDB queries**

The exercise aims to utilize the json file available on the BB in the week4 folder. The json file contains data about a restaurant. and import/insert it into your MongoDB database. The exercise will need you to

* 1. Create a database and a collection
  2. Import/insert the provided data
  3. Write MongoDB queries for the below, execute them, and practice with the Mongosh shell.

1. Write a query to display all the documents in the collection restaurants
2. Write a query to display the fields restaurant\_id, name, borough and cuisine, but exclude the field \_id for all the documents in the collection restaurant.
3. Write a query to display the first 5 restaurant which is in the borough London
4. Write a query to find the restaurants who achieved a score more than 90.
5. Write a query to find the restaurants who achieved a score more than 10.
6. Write a query to find the restaurants that do not prepare any 'American' cuisine and their grade score is more than 5.
7. Write a query to find the restaurants that prepare 'Indian' cuisine and their grade score more than 5.
8. Write a query to arrange the name of the restaurants in descending along with all the columns.
9. Write a query to find the count of restaurants in each borough.
10. Write a query to find the lowest score for each borough.
11. Write a query to find the name and address of the restaurants that received a grade of 'A'
12. Write a query to find the name and address of the restaurants that have at least one 'A' grade and one 'B' grade.
13. Write a  query to find the name and address of the restaurants that have at least one 'A' grade and no 'B' grades.
14. Write a query to find the restaurants that have a grade with a score of 2 or a grade with a score of 6 and are located in the borough of London or Bristol.
15. Write a query to find the restaurants that have at least one grade with a score of less than 5.