**MongoDB Assignments**

You need to design database for restaurant which has the following details:

restaurant id

Name

address : street, city, pincode

cuisine : multiple cuisine

district

Ratings: date, rating, score

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

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

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

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

5. Write a MongoDB query to display all the restaurant which is in Chennai

6. Write a MongoDB query to display the first 5 restaurant which is in the district Chennai. 

7.Write a MongoDB query to display the next 5 restaurants after skipping first 5 which are in the Chennai

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

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

11. Write a MongoDB query to find the restaurants that do not prepare any cuisine of “Thai” and their grade score more than 70 and latitude less than -65.754168

12. Write a MongoDB query to find the restaurants which do not prepare any cuisine of 'American' and achieved a score more than 70

13. Write a MongoDB query to find the restaurants which do not prepare any cuisine of 'American ' and achieved a grade point 'A'

The document must be displayed according to the cuisine in descending order.

14. Write a MongoDB query to find the restaurant Id, name, cuisine for those restaurants which contain 'Wil' as first three letters for its name

15. Write a MongoDB query to find the restaurant Id, name, city and cuisine for those restaurants which contain 'ces' as last three letters for its name.

16. Write a MongoDB query to find the restaurant Id, name, city and cuisine for those restaurants which contain 'Reg' as three letters somewhere in its name.

17. Write a MongoDB query to find the restaurants which belong to the district Bronx and prepared either American or Chinese dish.

18. Write a MongoDB query to find the restaurant Id, name, district and cuisine for those restaurants which belong to the district Chennai or Kanchipuram

19. Write a MongoDB query to find the restaurant Id, name, district and cuisine for those restaurants which are not belonging to the district Chennai or Kanchipuram

20. Write a MongoDB query to find the restaurant Id, name, district and cuisine for those restaurants which achieved a score which is not more than 10.

21. Write a MongoDB query to find the restaurant Id, name, district and cuisine for those restaurants which prepared dish except 'American' and 'Chinees' or restaurant's name begins with letter 'Wil'.

22. Write a MongoDB query to find the restaurant Id, name, and grades for those restaurants which achieved a grade of "A" and scored 11 on an ISODate "2014-08-11T00:00:00Z" among many of survey dates..

23. 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".

24. Write a MongoDB query to find the restaurant Id, name, address and geographical location for those restaurants where 2nd element of coord array contains a value which is more than 42 and upto 52

25. Write a MongoDB query to arrange the name of the restaurants in ascending order along with all the columns

26. Write a MongoDB query to arrange the name of the restaurants in descending along with all the columns.

27. Write a MongoDB query to arranged the name of the cuisine in ascending order and for that same cuisine district should be in descending order.

28. Write a MongoDB query to know whether all the addresses contains the street or not.

31. Write a MongoDB query to find the restaurant name, district, and cuisine for those restaurants which contains 'mon' as three letters somewhere in its name.

32. Write a MongoDB query to find the restaurant name, district, and cuisine for those restaurants which contain 'Mad' as first three letters of its name