MongoDB Query Exercises

**Structure of 'restaurants' collection:**

{

"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"

}

1. Write a MongoDB query to display all the documents in the collection restaurants. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-1.php)

2. Write a MongoDB query to display the fields restaurant\_id, name, borough and cuisine for all the documents in the collection restaurant. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-2.php)

3. 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. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-3.php)

4. 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. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-4.php)

5. Write a MongoDB query to display all the restaurant which is in the borough Bronx. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-5.php)

6. Write a MongoDB query to display the first 5 restaurant which is in the borough Bronx. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-6.php)

7.Write a MongoDB query to display the next 5 restaurants after skipping first 5 which are in the borough Bronx. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-7.php)

8. Write a MongoDB query to find the restaurants who achieved a score more than 90. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-8.php)

9. Write a MongoDB query to find the restaurants that achieved a score, more than 80 but less than 100. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-9.php)

10. Write a MongoDB query to find the restaurants which locate in latitude value less than -95.754168.[Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-10.php)

11. 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. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-11.php)

12. Write a MongoDB query to find the restaurants which do not prepare any cuisine of 'American' and achieved a score more than 70 and located in the longitude less than -65.754168.  
Note : Do this query without using $and operator. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-12.php)

13. 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. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-13.php)

14. 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. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-14.php)

15. Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which contain 'ces' as last three letters for its name. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-15.php)

16. Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which contain 'Reg' as three letters somewhere in its name. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-16.php)

17. Write a MongoDB query to find the restaurants which belong to the borough Bronx and prepared either American or Chinese dish. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-17.php)

18. Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which belong to the borough Staten Island or Queens or Bronxor Brooklyn. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-18.php)

19. Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those restaurants which are not belonging to the borough Staten Island or Queens or Bronxor Brooklyn. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-19.php)

20. 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. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-20.php)

21. 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'. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-21.php)

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.. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-22.php)

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". [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-23.php)

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.. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-24.php)

25. Write a MongoDB query to arrange the name of the restaurants in ascending order along with all the columns. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-25.php)

26. Write a MongoDB query to arrange the name of the restaurants in descending along with all the columns. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-26.php)

27. Write a MongoDB query to arranged the name of the cuisine in ascending order and for that same cuisine borough should be in descending order. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-27.php)

28. Write a MongoDB query to know whether all the addresses contains the street or not. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-28.php)

29. Write a MongoDB query which will select all documents in the restaurants collection where the coord field value is Double. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-29.php)

30. Write a MongoDB query which will select the restaurant Id, name and grades for those restaurants which returns 0 as a remainder after dividing the score by 7. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-30.php)

31. 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. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-31.php)

32. 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. [Go to the editor](https://www.w3resource.com/mongodb-exercises/#PracticeOnline)  
[Click me to see the solution](https://www.w3resource.com/mongodb-exercises/mongodb-exercise-32.php)