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, borough and cuisine for

all the documents in the collection restaurant.

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.

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.

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

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

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

the borough Bronx.

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.

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

95.754168.

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.

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.

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.

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.

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.



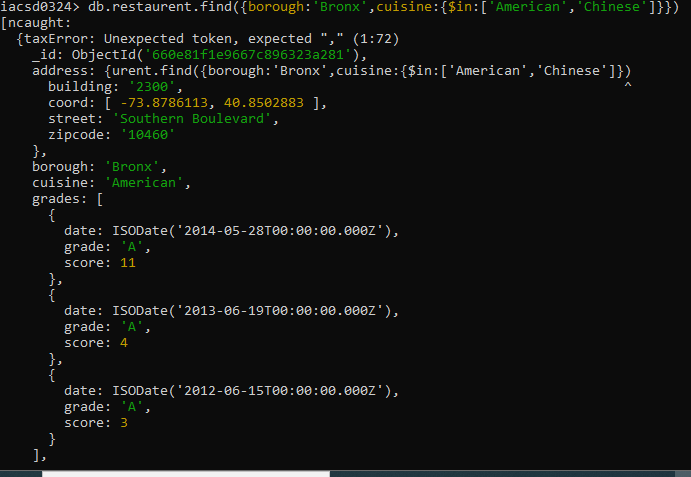
16. Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those

restaurants which contain 'Reg' as three letters somewhere in its name.



17. Write a MongoDB query to find the restaurants which belong to the borough Bronx and

prepared either American or Chinese dish.



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.



19. Write a MongoDB query to find the restaurant Id, name, borough and cuisine for those

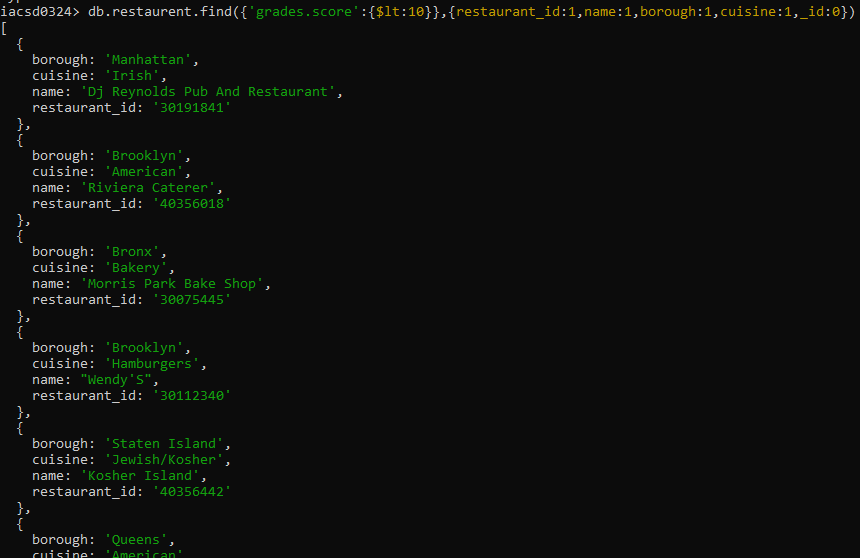
restaurants which are not belonging to the borough Staten Island or Queens or Bronxor

Brooklyn.



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.



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

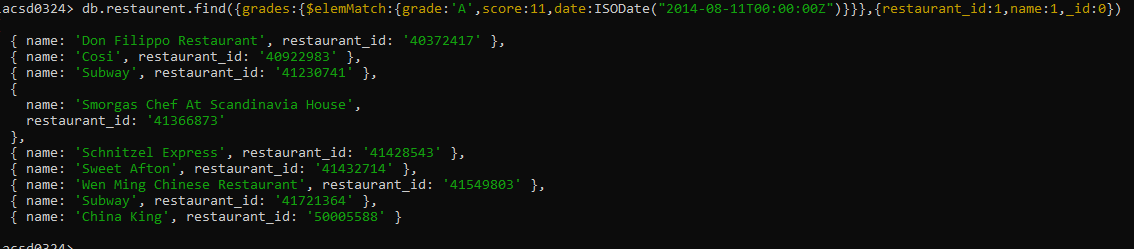
with letter 'Wil'.



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"

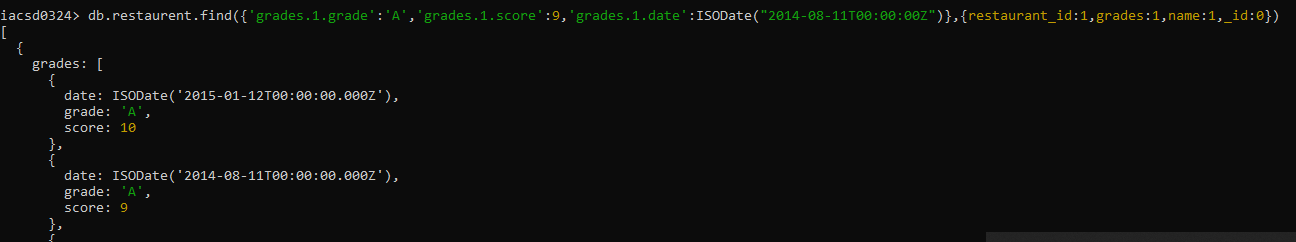
among many of survey dates



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

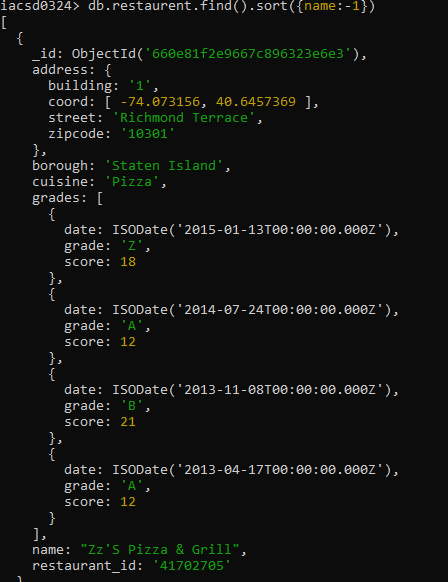


25. Write a MongoDB query to arrange the name of the restaurants in ascending order along

with all the columns.

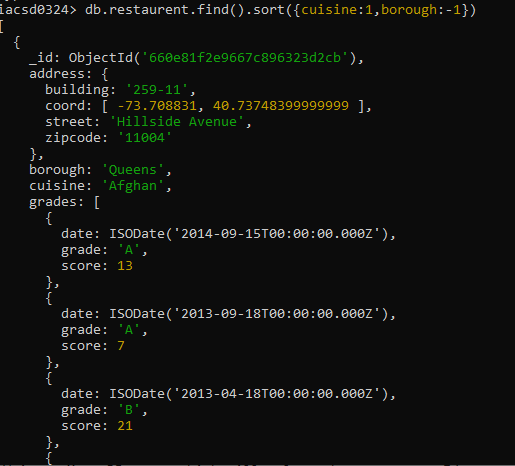
26. Write a MongoDB query to arrange the name of the restaurants in descending along with

all the columns.



27. Write a MongoDB query to arranged the name of the cuisine in ascending order and for

that same cuisine borough should be in descending order.



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

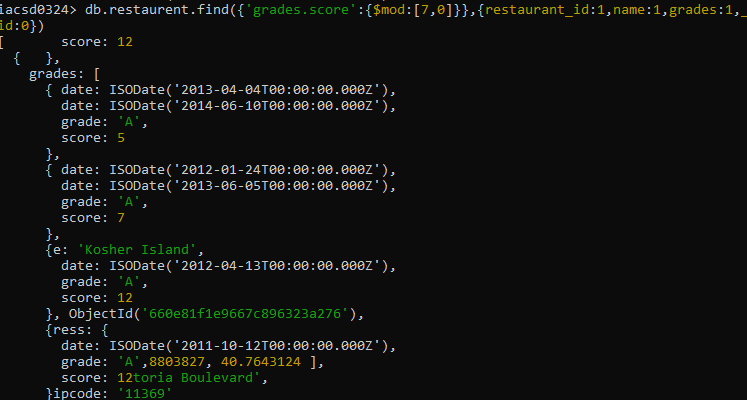


29. Write a MongoDB query which will select all documents in the restaurants collection

where the coord field value is Double.

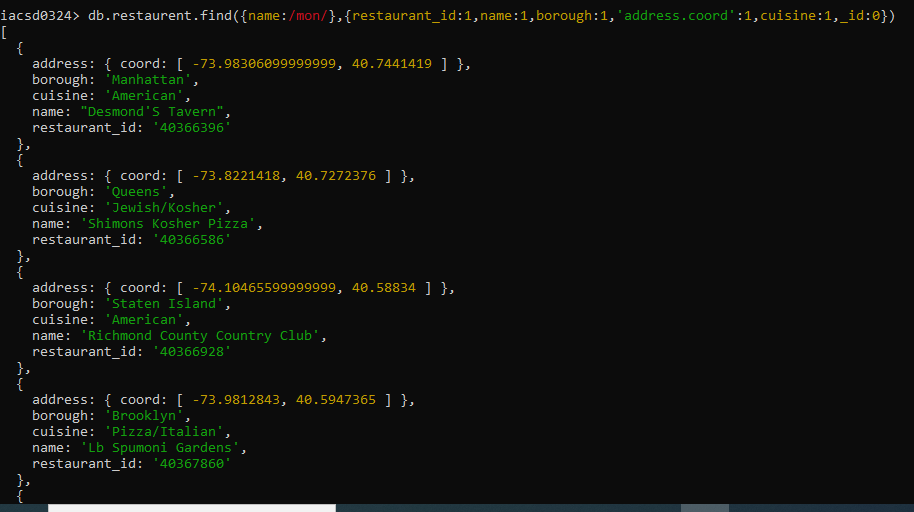
30. Write a MongoDB query which will select the restaurant Id, name and grades for those

restaurants which returns 0 as a remainder after dividing the score by 7.



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.



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.



Note : use C:\mydata\mongodb\Json Files book.json file for importing data

Every document has following structure.

{

"\_id" : 4,

"title" : "Flex 3 in Action",

"isbn" : "1933988746",

"pageCount" : 576,

"publishedDate" : ISODate("2009-02-02T08:00:00Z"),

"thumbnailUrl" : "https://s3.amazonaws.com/AKIAJC5RLADLUMVRPFDQ.book-

thumb-images/ahmed.jpg",

"longDescription" : "New web applications require engaging user-friendly interfaces

and the cooler, the better. With Flex 3, web developers at any skill level can create high-

quality, effective, and interactive Rich Internet Applications (RIAs) quickly and easily. Flex

removes the complexity barrier from RIA development by offering sophisticated tools and a

straightforward programming language so you can focus on what you want to do instead of

how to do it. And now that the major components of Flex are free and open-source, the cost

barrier is gone, as well! Flex 3 in Action is an easy-to-follow, hands-on Flex tutorial.

Chock-full of examples, this book goes beyond feature coverage and helps you put Flex to

work in real day-to-day tasks. You'll quickly master the Flex API and learn to apply the

techniques that make your Flex applications stand out from the crowd. Interesting themes,

styles, and skins It's in there. Working with databases You got it. Interactive forms and

validation You bet. Charting techniques to help you visualize data Bam! The expert

authors of Flex 3 in Action have one goal to help you get down to business with Flex 3.

Fast. Many Flex books are overwhelming to new users focusing on the complexities of the

language and the super-specialized subjects in the Flex eco-system; Flex 3 in Action filters

out the noise and dives into the core topics you need every day. Using numerous easy-to-

understand examples, Flex 3 in Action gives you a strong foundation that you can build on as

the complexity of your projects increases.",

"status" : "PUBLISH",

"authors" : [

"Tariq Ahmed with Jon Hirschi",

"Faisal Abid"

],

"categories" : [

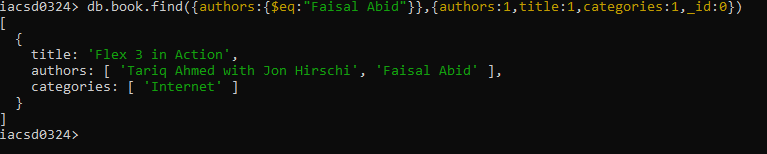
"Internet"

]

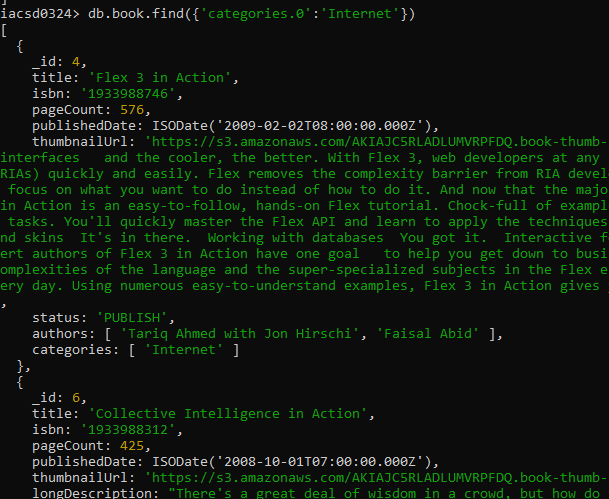
}

1. Find all books whose author is Faisal Abid and display name of book authors and

Categories



2. List all the books with category Internet at first position in category array



3. Change the status of books “undergoing change” for books having more than 500

pages and published in 2009

4. Find all the books containing word highlighting and depth in long description of the

book

5. Display all books published in 2009

6. Find all books with pageCount is either 500 or 556 or 670

7. Add 2 categories “kindle” and “hard bind” in all the books if its pageCount >200 and

< 500 or number of pages >500

8. List all the books which has thumbnailUrl key

9. Add key type with values [“fiction”,”moral stories”,”adventurous”] in all books

whose title starts with Fl and contains a some where in the name

10. Add a key comments :[{comment:” like the book” ,date:ISODate(“2019-09-01”)},

11. Add new author “myauthor” at position 2 for all books whose title starts with h or m

and contains s at 2nd last position

12. Increase pageCount by 100 for all books whose author at 1 st position is “Gal

Shachor”

13. Overwrite “Magnus Rydin" with name “Fr”

14. List all books title, status, pageCount, comments for all books with pages > 300 or <

500 or title starts with a or isbn starts with 193