which is more than 42 and upto 52..

```
db.restaurants.find({"address.coord.1":{$gt:42,$lt:52}},
{"restaurant_id":1,"name":1,"address":1});
```

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

```
db.restaurants.find().sort({"name":1});
```

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

```
db.restaurants.find().sort({"cuisine":1,"borough":-1});
```

7. 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.

```
db.restaurants.find().sort({"name":-1});
```

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

```
db.restaurants.find({"address.street":{$exists:true}});
```

9. Write a MongoDB query which will select all documents in the restaurants collection where the coord field value is Double.

```
db.restaurants.find({"address.street":{$type:"double"}});
```

10. 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.

```
db.restaurants.find({"grades.score":{$mod:[7,0]}},
{"restaurant_id":1,"name":1,"grades":1});
```

11. 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.

```
db.restaurants.find({"name":{$regex:/mon/i}},
{"name":1,"borough":1,"address.coord":1,"cuisine":1});
```

12. 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.

db.restaurant.find({name:{$regex:/^Mad/i}},
{name:1,borough:1,"address.coord":1,cuisine:1});

13. Write a MongoDB query to find the restaurants that have at least one grade with a score of less than 5.

db.restaurant.find({"grades.score":{$lt:5}});

14. Write a MongoDB query to find the restaurants that have at least one grade with a score of less than 5 and that are located in the borough of Manhattan.

db.restaurants.find({borough:{$in:["Manhattan"
"Brooklyn"]},"grades.score":{$lt:5}});

15. Write a MongoDB query to find the restaurants that have at least one grade with a score of less than 5 and that are located in the borough of Manhattan or Brooklyn.

db.restaurants.find({borough:"Manhattan","grades.score"
:{$lt:5}});

16. Write a MongoDB query to find the restaurants that have at least one grade with a score of less than 5 and that are located in the borough of Manhattan or Brooklyn, and their cuisine is not American.

db.restaurants.find({borough:{$in:["Manhattan","Brooklyn"]},
cuisine:{$ne:"American"},"grades.score":{$lt:5}});

17. Write a MongoDB query to find the restaurants that have at least one grade with a score of less than 5 and that are located in the borough of Manhattan or Brooklyn, and their cuisine is not American or Chinese.

db.restaurants.find({borough:{$in:["Manhattan","Brooklyn"]},
cuisine:{$nin:["American","Chinese"]},"grades.score":{$lt:5}});

18. Write a MongoDB query to find the restaurants that have a grade with a score of 2 and a grade with a score of 6.

db.restaurants.find({"grades.score":{$all:[2,6]}});

19. Write a MongoDB query to find the restaurants that have a grade with a score of 2 and a grade with a score of 6 and are located in the borough of Manhattan.

db.restaurants.find({borough:"Manhattan","Brooklyn"]},
"grades.score":{$all:[2,6]}});

20. Write a MongoDB query to find the restaurants that have a grade with a score of 2 and a grade with a score of 6 and are located in the borough of Manhattan or Brooklyn.

db.restaurants.find({borough:{$in:["Manhattan",
"Brooklyn"]},cuisine:{$ne:"American"},"grades.score":
{$all:[2,6]}});

21. Write a MongoDB query to find the restaurants that have a grade with a score of 2 and a grade with a score of 6 and are located in the borough of Manhattan or Brpoklyn, and their cuisine is not American.

db.restaurants.find({borough:{$in:["Manhattan","Brooklyn"]},cuisine:{$ne:"American"},grades.score:{$all:[2,6]}})

22. Write a MongoDB query to find the restaurants that have a grade with a score of 2 and a grade with a score of 6 and are located in the borough of Manhattan or Brooklyn, and their cuisine is not American or Chinese.

db.restaurants.find({borough:{$in:["Manhattan","Brooklyn"]},cuisine:{$nin:["American","Chinese"]},"grades.score":{$all:[2,6]}})

23. Write a MongoDB query to find the restaurants that have a grade with a score of 2 or a grade with a score of 6.

db.restaurants.find({"grades.score":{$in:[2,6]}})

Sample document of 'movies' collection


```
{
  _id: ObjectId("573a1390f29313caabcd42e8"),
plot: 'A group of bandits stage a brazen train hold-up, only to find a determined posse hot on their heels.',
genres: [ 'Short', 'Western' ],
runtime: 11,
cast: [
    'A.C. Abadie',
    "Gilbert M. 'Broncho Billy' Anderson",
    'George Barnes',
    'Justus D. Barnes'
  ],
poster: 'https://m.media-amazon.com/images/M/MV5BMTU3NjE5NzYtYTYyNS00MDVmLWIwYjgtMmYwYWIxZDYyNzU2XkEyXkFqcGdeQXVyNzQzNzQxNzI@._V1_SY1000_SX677_AL_.jpg',
title: 'The Great Train Robbery',
fullplot: "Among the earliest existing films in American cinema - notable as the first film that presented a narrative story to tell - it depicts a group of cowboy outlaws who hold up a train and rob the passengers. They are then pursued by a Sheriff's posse. Several scenes have color included - all hand tinted.",
```

Evaluation Procedure	Marks awarded
PL/SQL Procedure(5)	5
Program/Execution (5)	5
Viva(5)	5
Total (15)	15
Faculty Signature	