**MONGODB ASSIGNMENT - 3 :**

mongo "mongodb+srv://cluster0.ievy3.mongodb.net/myFirstDatabase" --username Ravivarma

1. db.addresses.find().pretty()

2.db.addresses.find({},{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1}).pretty()

3.db.addresses.find({},{"\_id":0,"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1}).pretty()

4.db.addresses.find({},{"\_id":0,"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1,"addresses.zip code":1}).pretty()

5.db.addresses.find({borough: "Bronx"}).limit(5).pretty()

6.db.addresses.find({borough: "Bronx"}).pretty()

7.db.addresses.find({borough: "Bronx"}).skip(5).limit(5).pretty()

8.db.addresses.find({grades : { $elemMatch:{"score": {$gt : 90 }}}).pretty()

9.db.addresses.find({grades : { $elemMatch:{"score":{$gt : 80 , $lt :100}}}}).pretty()

10.db.addresses.find({"address.coord" : {$lt : -95.754168}}).pretty()

11.db.addresses.find($and: [ {"cuisine" : {$ne :"American "}},{"grades.score" : {$gt : 70}}, {"address.coord" : {$lt : -65.754168}}]).pretty()

12.db.addresses.find(

{$and:

[

{"cuisine" : {$ne : "American "}},

{"grades.score" :{$gt: 70}},

{"address.coord" : {$lt : -65.754168}}]

}

)

13. db.addresses.find( {$and:[

{"cuisine" : {$ne : "American "}},

{"grades.grade" :"A"},

{"borough": {$ne : "Brooklyn"}}

]}

).sort({"cuisine":-1})

14. db.addresses.find(

{name: /^Wil/},

{

"restaurant\_id" : 1,

"name":1,"borough":1,

"cuisine" :1

}

)

15. db.addresses.find(

{name: /ces$/},

{

"restaurant\_id" : 1,

"name":1,"borough":1,

"cuisine" :1

}

)

16. db.addresses.find(

{"name": /.\*Reg.\*/},

{

"restaurant\_id" : 1,

"name":1,"borough":1,

"cuisine" :1

}

)

17. db.addresses.find(

{

"borough": "Bronx" ,

$or : [

{ "cuisine" : "American " },

{ "cuisine" : "Chinese" }

]

}

)

18. db.addresses.find({},

{\_id:0,restaurant\_id:1,name:1,borough:1,cuisine:1},

{$or : [

{borough:"Satenislan"},

{borough:"Queens"},

{Borough:"Bronxor Brooklyn"}]

})

19. db.addresses.find(

{"borough" :{$nin :["Staten Island","Queens","Bronx","Brooklyn"]}},

{

"restaurant\_id" : 1,

"name":1,"borough":1,

"cuisine" :1

}

)

20. db.addresses.find(

{"grades.score" :

{ $not: {$gt : 10}}},

{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1}

)

21. db.restaurants.find(

{$or: [

{name: /^Wil/},

{"$and": [

{"cuisine" : {$ne :"American "}},

{"cuisine" : {$ne :"Chinees"}}

]}

]}

,{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1}

)

22. db.restaurants.find(

{

"grades.date": ISODate("2014-08-11T00:00:00Z"),

"grades.grade":"A" ,

"grades.score" : 11

},

{"restaurant\_id" : 1,"name":1,"grades":1}

)

23. db.addresses.find(

{ "grades.1.date": ISODate("2014-08-11T00:00:00Z"),

"grades.1.grade":"A" ,

"grades.1.score" : 9

},

{"restaurant\_id" : 1,"name":1,"grades":1}

)

24. db.restaurants.find(

{

"address.coord.1": {$gt : 42, $lte : 52}

},

{"restaurant\_id" : 1,"name":1,"address":1,"coord":1}

)

25.db.addresses.find().sort({"name":1})

26.db.addresses.find().sort({"name":-1})

27.db.addresses.find().sort({"name":1},{"borough":-1})

28.db.addresses.find(

{"address.street" :

{ $exists : true }

}

)

29. db.addresses.find(

{"address.coord" :

{$type : 1}

}

)

‘

30. db.restaurants.find(

{"grades.score" :

{$mod : [7,0]}

},

{"restaurant\_id" : 1,"name":1,"grades":1}

)

31. db.restaurants.find(

{ name :

{ $regex : "mon.\*", $options: "i" }

},

{

"name":1,

"borough":1,

"address.coord":1,

"cuisine" :1

}

)

32. db.addresses.find(

{ name :

{ $regex : /^Mad/i, }

},

{

"name":1,

"borough":1,

"address.coord":1,

"cuisine" :1

}

)