|  |
| --- |
|  |
| 38-to find name,id,borough,cuisin in restaurant collection |
|  | db.resturant.find() |
|  |  |
|  | 39-db.restaurants.find({resturant\_id:1,name:1,borough:1,cuisine:1}) |
|  | 40-query to display first 5 restaurants in borough Bronx |
|  | db.restaurants.aggregate([ |
|  | {$match:{borough:"Bronx"}}, |
|  | {$limit:5} |
|  | ]) |
|  |  |
|  | 41-all resturants in Bronx |
|  | db.restaurants.aggregate([ |
|  | {$match:{borough:"Bronx"}} |
|  | ]) |
|  |  |
|  | 42-next 5 after skipping the first 5 |
|  | db.restaurants.aggregate([ |
|  | {$match:{borough:"Bronx"}}, |
|  | {$skip:5} |
|  | ]) |
|  |  |
|  | 43-score more than 80 but less than 100 |
|  | db.restaurants.find( |
|  | {grades : |
|  | { $elemMatch: |
|  | {"score":{$gt : 80 , $lt :100} |
|  | } |
|  | }}); |
|  |  |
|  | 44-lattitude value less than 95 |
|  | db.restaurants.find( |
|  | {"address.coord" : {$lt : -95.754168} |
|  | }); |
|  |  |
|  | 45-does not prepare American food and reside 70 lattitude and achived score more than 70 |
|  | db.restaurants.find( |
|  | {$and: |
|  | [ |
|  | {"cuisine" : {$ne :"American "}}, |
|  | {"grades.score" : {$gt : 70}}, |
|  | {"address.coord" : {$lt : -65.754168}} |
|  | ] |
|  | } |
|  | ); |
|  |  |
|  | 46-does not prepare American food and reside -65 lattitude and achived score more than 70 |
|  | db.restaurants.find( |
|  | { |
|  | "cuisine" : {$ne : "American "}, |
|  | "grades.score" :{$gt: 70}, |
|  | "address.coord" : {$lt : -65.754168} |
|  | } |
|  | ); |
|  |  |
|  | 47-does not prepare american does not reside in brooklyn achived grade A and must be descending order |
|  | db.restaurants.find( { |
|  | "cuisine" : {$ne : "American "}, |
|  | "grades.grade" :"A", |
|  | "borough": {$ne : "Brooklyn"} |
|  | } |
|  | ).sort({"cuisine":-1}); |
|  |  |
|  | 48-find res\_id,name,cuisine,borough of those restaurant which contain 'Wil' as their first 3 letters |
|  | db.restaurants.find( |
|  | {name: /^Wil/}, |
|  | { |
|  | "restaurant\_id" : 1, |
|  | "name":1,"borough":1, |
|  | "cuisine" :1 |
|  | } |
|  | ); |
|  | 49-find res\_id,name,cuisine,borough of those restaurant which contain 'ces' as their last 3 letters |
|  | db.restaurants.find( |
|  | {name: /ces$/}, |
|  | { |
|  | "restaurant\_id" : 1, |
|  | "name":1,"borough":1, |
|  | "cuisine" :1 |
|  | } |
|  | ); |
|  | 50-belonged to borough bronx prepared either american or chinese |
|  | db.restaurants.find( |
|  | { |
|  | "borough": "Bronx" , |
|  | $or : [ |
|  | { "cuisine" : "American " }, |
|  | { "cuisine" : "Chinese" } |
|  | ] |
|  | } |
|  | ); |
|  | 51-resturant rside in staten island,queens,brooklyn |
|  | db.restaurants.find( |
|  | {"borough" :{$in :["Staten Island","Queens","Bronx","Brooklyn"]}}, |
|  | { |
|  | "restaurant\_id" : 1, |
|  | "name":1,"borough":1, |
|  | "cuisine" :1 |
|  | } |
|  | ); |
|  | 52-restaurant does not belong to staten Island,queens,Bronx,Brroklyn |
|  | db.restaurants.find( |
|  | {"borough" :{$nin :["Staten Island","Queens","Bronx","Brooklyn"]}}, |
|  | { |
|  | "restaurant\_id" : 1, |
|  | "name":1,"borough":1, |
|  | "cuisine" :1 |
|  | } |
|  | ); |
|  |  |
|  | 53- restaurant Id, name, borough and cuisine for those restaurants which achieved a score which is not more than 10 |
|  | db.restaurants.find( |
|  | {"grades.score" : |
|  | { $not: |
|  | {$gt : 10} |
|  | } |
|  | }, |
|  | { |
|  | "restaurant\_id" : 1, |
|  | "name":1,"borough":1, |
|  | "cuisine" :1 |
|  | } |
|  | ); |
|  | 54-those restaurants which prepared dish except 'American' and 'Chinees' or restaurant's name begins with letter 'Wil'. |
|  | db.restaurants.find( |
|  | {$or: [ |
|  | {name: /^Wil/}, |
|  | {"$and": [ |
|  | {"cuisine" : {$ne :"American "}}, |
|  | {"cuisine" : {$ne :"Chinees"}} |
|  | ]} |
|  | ]} |
|  | ,{"restaurant\_id" : 1,"name":1,"borough":1,"cuisine" :1} |
|  | ); |
|  | 55-achieved a grade of "A" and scored 11 on an ISODate "2014-08-11T00:00:00Z" among many of survey dates. |
|  | db.restaurants.find( |
|  | { |
|  | "grades.date": ISODate("2014-08-11T00:00:00Z"), |
|  | "grades.grade":"A" , |
|  | "grades.score" : 11 |
|  | }, |
|  | {"restaurant\_id" : 1,"name":1,"grades":1} |
|  | ); |
|  |  |
|  | 56-contains a grade of A and score 9 on a specific date |
|  | db.restaurants.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} |
|  | ); |
|  |  |
|  | 57-location of the restaurants where 2nd element contains a value between 42 and 52 |
|  | db.restaurants.find( |
|  | { |
|  | "address.coord.1": {$gt : 42, $lte : 52} |
|  | }, |
|  | {"restaurant\_id" : 1,"name":1,"address":1,"coord":1} |
|  | ); |
|  |  |
|  | 58- restaurants in ascending order along with all the columns |
|  | db.restaurants.find().sort({"name":1}); |
|  |  |
|  | 59-in ascending order and for that same cuisine borough should be in descending order |
|  | db.restaurants.find().sort( |
|  | {"cuisine":1,"borough" : -1,} |
|  | ); |
|  |  |
|  | 60-Test whether all the addresses contains the street or not |
|  | db.restaurants.find( |
|  | {"address.street" : |
|  | { $exists : true } |
|  | } |
|  | ); |
|  |  |
|  | 61-he restaurants collection where the coord field value is double |
|  | db.restaurants.find( |
|  | {"address.coord" : |
|  | {$type : 1} |
|  | } |
|  | ); |
|  |  |
|  | 62-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} |
|  | ); |
|  | 63-restaurants which contains 'mon' as three letters somewhere in its name. |
|  | db.restaurants.find( |
|  | { name : |
|  | { $regex : "mon.\*", $options: "i" } |
|  | }, |
|  | { |
|  | "name":1, |
|  | "borough":1, |
|  | "address.coord":1, |
|  | "cuisine" :1 |
|  | } |
|  | ); |
|  |  |
|  | 64- restaurants which contain Mad as first three letters of its name |
|  | db.restaurants.find( |
|  | { name : |
|  | { $regex : /^Mad/i, } |
|  | }, |
|  | { |
|  | "name":1, |
|  | "borough":1, |
|  | "address.coord":1, |
|  | "cuisine" :1 |
|  | } |
|  | ); |
|  |  |
|  |  |