**MangoDB querys**

1. **use database\_name**…..for creating database or to switch to db

2. **db.documentname**.insert({"field":"value","field":"value"})

3. **db.documentname.find()**.......to find number of records

4. **db.documentname.count()**.......to count number of records

5. **db.documentname.find().pretty()**......to find the records in structured manner

6. **db.documentname.find({"field":"value"})**......to find particular field

7. **db.documentname.findOne()**........to retrieve single record

8. **db.documentname.find({"field":{$lt:value}})**.......to find the record whose field is less than or equal to value

9. **Lt**..less than, **gt**..greater than,ne..not equal

10. **db.collection1.find({$and:[{"name":"Balu"},{"city":"India"}]})**........AND operation

11. **db.collection1.find({$or:[{"name":"Uday"},{"id":1}]})**............OR operation

12. **db.collection1.update({"name":"Uday"},{$set{"name":"KBK"}})**.......update

13. **db.collection1.save({"\_id" : ObjectId("594b821755bb32d36b4db3b3"),"college":"TKR"})**.........replaces the whole document with college field whose id is given id

14. **db.collection1.save({"id":1,"name":"Balakrishna"})**.......insert new field

15. **show databases**………..for knowing the available databases

16. **show collections**……..for available collections

17. **db.collection1.remove({"name":"KBK"})**............removes the entire document

18. **db.collection1.remove({"name":"KBK"},1)** ………...removes only 1 field

PROJECTION:

19. **db.collection1.find({},{"name":0})**...........except name all fields will display

20. **db.doc.find({},{"name":1,id:1,\_id:1})**...............name,id,object id fields displayed

21. **db.doc.find({},{"name":1,id:0,\_id:1})**.............can not use inclusive and exclusive at a time

22. **db.doc.find({},{"name":0,id:0})**....................excpt name n id all fields displayed

LIMITING:

1. **db.doc.find().limit(2)**.........displays only 2 records

2. **db.doc.find().limit()**.............displays all records

3. **db.doc.find({},{"name":1,id:0,\_id:1}).limit(2)**.............limits records by 2 and displays name and object id fields

SKIP:

1. **db.doc.find().skip()**............displays all records

2. **db.doc.find().skip(2)**............skips first 2 records

3. **db.doc.find().limit(3).skip(1)**...............limits the records to 3 and skips first record

4. **db.mycol.find({},{"title":1,\_id:0}).limit(1).skip(1)**

{"title":"NoSQL Overview"} this is the o/p for

{ "\_id" : ObjectId(5983548781331adf45ec5), "title":"MongoDB Overview"}

{ "\_id" : ObjectId(5983548781331adf45ec6), "title":"NoSQL Overview"}

{ "\_id" : ObjectId(5983548781331adf45ec7), "title":"Tutorials Point Overview"}

SORTING:

1. **db.doc.find().sort({"name":1})**....arrange the documents as ascending order of names

2. **db.doc.find().sort({"name":-1})**....arrange the documents as descending order of names(field can be any )

we can use projection in sorting