> use CgProductDB

switched to db CgProductDB

> db.ProductCollection

CgProductDB.ProductCollection

>

> db.ProductCollection.insert([{ \_id:1,item:"Laptop",prodCat :"Electronics",pric

e:30000.0,quantity: 2,orderInfo:{\_id:"O001",orderdate: ISODate("2014-01-01"),add

ress:{street:"66,Airoli",city:"Mumbai",state:"MS",zipcode:700987,coords: [ -73.8

56077, 40.848447 ]},email:"capgemini@capgemini.com",mobiles:[8888108810]}}])

BulkWriteResult({

"writeErrors" : [ ],

"writeConcernErrors" : [ ],

"nInserted" : 1,

"nUpserted" : 0,

"nMatched" : 0,

"nModified" : 0,

"nRemoved" : 0,

"upserted" : [ ]

})

> db.ProductCollection.insert([{ \_id:2,item:"Mobile",prodCat :"Electronics",pric

e:15000.0,quantity: 10,orderInfo:{"\_id":"O002","orderdate" : ISODate("2010-03-12

"),address:{street:"FC Road",city:"Pune",state:"MS",zipcode:40081,coords: [ -23.

80007, 30.1123456 ]},email:"icres@ibm.com",mobiles:[9856342189]}}])

BulkWriteResult({

"writeErrors" : [ ],

"writeConcernErrors" : [ ],

"nInserted" : 1,

"nUpserted" : 0,

"nMatched" : 0,

"nModified" : 0,

"nRemoved" : 0,

"upserted" : [ ]

})

> db.ProductCollection.insert([{ \_id:5,item:"TV",prodCat :"Electronics",price:24

000.0,quantity: 10,orderInfo:{"\_id":"O003","orderdate" : ISODate("2012-06-17"),a

ddress:{street:"GT Road",city:"Sahibabad",state:"UP",zipcode:567777,coords: [ -1

1.80007, 13.1123456 ]},email:"techm@techm.com",mobiles:[7865452222]}}])

BulkWriteResult({

"writeErrors" : [ ],

"writeConcernErrors" : [ ],

"nInserted" : 1,

"nUpserted" : 0,

"nMatched" : 0,

"nModified" : 0,

"nRemoved" : 0,

"upserted" : [ ]

})

> db.ProductCollection.insert([{ \_id:6,item:"Bangles",prodCat :"Jewellery",price

:4000.0,quantity: 1,orderInfo:{"\_id":"O004","orderdate" : ISODate("2010-05-16"),

address:{street:"Salt Lake",city:"Kolkata",state:"West Bengol",zipcode:222224,co

ords: [ -67.850007, 9.456666 ]},email:"vaishali@gmail.com",mobiles:[8888108850,9

402312123]}}])

BulkWriteResult({

"writeErrors" : [ ],

"writeConcernErrors" : [ ],

"nInserted" : 1,

"nUpserted" : 0,

"nMatched" : 0,

"nModified" : 0,

"nRemoved" : 0,

"upserted" : [ ]

})

> db.ProductCollection.insert([{ \_id:3,item:"Book",prodCat :"Stationary",price:2

400.0,quantity: 10,orderInfo:{"\_id":"O007","orderdate" : ISODate("2012-08-20"),a

ddress:{street:"Centre",city:"Roorkee",state:"UP",zipcode:242677,coords: [ -11.8

0007, 13.1123456 ]},email:"books@book.com",mobiles:[7865456432]}}])

BulkWriteResult({

"writeErrors" : [ ],

"writeConcernErrors" : [ ],

"nInserted" : 1,

"nUpserted" : 0,

"nMatched" : 0,

"nModified" : 0,

"nRemoved" : 0,

"upserted" : [ ]

4. db.ProductCollection.find({\_id:5})
6. db.ProductCollection.update({"\_id":3},{$set:{"orderStatus":"pending"}})
7. db.ProductCollection.update({"item":"Laptop"},{$inc:{price:5000}})
8. db.ProductCollection.update({"item":"Laptop"},{$inc:{price:5000}},{multi:true})
9. db.ProductCollection.update({“\_id”:2},{$push:{orderInfo.mobiles:8449234634}},{multi:true})
10. db.ProductCollection.update({"item":"CD"},{"item":"CD","prodCat":"Electronics","price":40},{upsert:true})
11. db.ProductCollection.update({},{$rename:{"item":"productName"}})
12. db.ProductCollection.remove({"\_id":4})
13. db.ProductCollection.remove({"productName":/^C/})
14. db.ProductCollection.find( { $or: [ { prodCat: "Electronics"}, {productName: "TV"}}]})
15. db.ProductCollection.find({"price":{$gt:40000.0}})
16. db.ProductCollection.find({"price":{$gt:40000.0}},{"productName":1,"prodCat":1,"price":1})
17. db.ProductCollection.find({"price":{$gt:40000.0}},{"productName":1,"prodCat":1,"price":1}).limit(3)
18. db.ProductCollection.find({"orderInfo.address.state":"MS"})
19. db.ProductCollection.find().sort({price:-1})
20. db.ProductCollection.find().sort({prodCat:-x}) x = -1,+1
21. db.ProductCollection.find().limit(3)
23. db.ProductCollection.find({$or:[{"orderInfo.address.state":"MS"},{"orderInfo.address.state":"UP"}]})
24. db.ProductCollection.find( { $and: [ { "orderInfo.address.state":"MS"}, { "price":{$gt:40000}}]})
25. db.ProductCollection.find( { $and: [ { "prodCat":"Electronics" }, { "orderInfo.address.city":"Pune"}]})