**MongoDB CRUD Operation of ‘Bill’ Collection**

* Database Name:-billingsystem
* Table Name:-bill
* Platform:- MongoDB Compass
* Table fields name:-

1. sold\_by
2. billing\_address
3. gst\_no
4. state\_code
5. shipping\_address
6. order\_number
7. order\_date
8. place\_of\_supply
9. place\_of\_delivery
10. total\_amount

1) use billingsystem

O/P:- 'switched to db billingsystem'

--> Create database name like billingsystem.

2)db.bill.insertMany([{

"sold\_by": "3696 Sachs Alley",

"billing\_address": "9837 Fordem Pass",

"gst\_no": "45861-014",

"state\_code": "RW",

"shipping\_address": "655 Tennessee Alley",

"order\_number": "RW-05",

"order\_date": "9/4/2022",

"place\_of\_supply": "Sioguí Arriba",

"place\_of\_delivery": "Harper",

"total\_amount": 7321

},.....................]) ------>(Total 100 collections)

O/P:- { acknowledged: true,

insertedIds: {

'0': ObjectId("64364bd2f91ca6fe9faf96d0"),

.....................}} --->(Total 100 Objectid created)

--> create table name like bill in billingsystem database and insert 100 documents in table.

3) db.bill.updateOne({'order\_number':'RW-05'},{$set:{'place\_of\_supply':'USA'}})

O/P:-{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

------> \_id:64364bd2f91ca6fe9faf96d1

sold\_by : "3696 Sachs Alley"

billing\_address : "9837 Fordem Pass"

gst\_no : "45861-014"

state\_code : "RW"

shipping\_address : "655 Tennessee Alley"

order\_number : "RW-05"

order\_date : "9/4/2022"

place\_of\_supply : "USA"

place\_of\_delivery : "Harper"

total\_amount : 7321

--->update where order\_number':'RW-05' and set :place\_of\_supply':'USA' in only one document.

4) db.bill.updateMany({'state\_code':'CR'},{$set:{'billing\_address':'364515 Amreli'}})

O/P:- {

acknowledged: true,

insertedId: null,

matchedCount: 2,

modifiedCount: 2,

upsertedCount: 0

}

--->update where 'state\_code':'CR' and set :'billing\_address':'364515 Amreli' in all same state\_code documents.

4) db.bill.deleteOne({'state\_code':'RW'})

O/P:-{

acknowledged: true,

deletedCount: 1

}

--> delete a record where state\_code:RW.only singal document delete not all.

5) db.bill.deleteMany({'state\_code':'CR'})

O/P:- {

acknowledged: true,

deletedCount: 2

}

--> delete record where state\_code:CR. delete all documents where state\_code:CR not only one.

6) db.bill.findOne({'place\_of\_supply':'Pingshan'})

O/P:- {

\_id: ObjectId("64364bd2f91ca6fe9faf96d4"),

sold\_by: '10 Sommers Junction',

billing\_address: '3490 Steensland Alley',

gst\_no: '62742-4064',

state\_code: 'RU',

shipping\_address: '60 Del Mar Place',

order\_number: 'RU-KYA',

order\_date: '12/18/2022',

place\_of\_supply: 'Pingshan',

place\_of\_delivery: 'Beaufort',

total\_amount: 47520

}

--> show document where place\_of\_supply: 'Pingshan', show only one

not all collectons.

7) db.bill.findOne({'place\_of\_supply':'india'})

O/P:- null

--> When NO documents like place\_of\_supply':'india in your database table.

8) db.bill.find({'state\_code':'US'})

O/P:- {

\_id: ObjectId("64364bd2f91ca6fe9faf96d3"),

sold\_by: '81 Homewood Street',

billing\_address: '0 Katie Road',

gst\_no: '0113-0852',

state\_code: 'US',

shipping\_address: '17 Knutson Junction',

order\_number: 'US-IN',

order\_date: '7/26/2022',

place\_of\_supply: 'Žiželice',

place\_of\_delivery: 'La Argentina',

total\_amount: 34776

} ------>(Total 19 collections)

--> show all documents where state\_code: 'US' not only one and in my database table have total 19 documents where state\_code: 'US'.

9)db.bill.find({state\_code:{$in:["US","RU"]}})

O/P:- This give me documents of where state\_code:{$in:["US","RU"]}}) both.

10)db.bill.find({state\_code:{$in:["US","RU"]}}).count()

O/P:- This give me total number of documents in table where state\_code:{$in:["US","RU"]}}) both .

11)db.bill.find({state\_code:{$in:["US","RU"]}}).limit(6)

O/P:- This give me documents of state\_code:{$in:["US","RU"]}}) but show only 6.