**To display all the database**

test> show dbs

admin 40.00 KiB

config 60.00 KiB

local 40.00 KiB

**To create and use the database**

test> use PVT\_Employee

switched to db. PVT\_Employee

**To create collection in a database**

PVT\_Employee> db.createCollection("Emp\_det")

{ ok: 1 }

**To create and use the database**

CTS\_company> use Student\_Det

switched to db. Student\_Det

**To create collection in a database**

Student\_Det> db.createcollections("Arts\_computer")

{ ok: 1 }

**Show the database**

Student\_Det> show dbs

PVT\_Employee 8.00 KiB

Student\_Det 8.00 KiB

admin 40.00 KiB

config 108.00 KiB

local 40.00 KiB

**six document create input**

Student\_Det> db.Arts\_computer.insertMany([{"name":"Ramkumar.R","age":22,"score":99.6},{"name":"surya.R","age":22,"score":99.7},{"name":"Bhrathi","age":20,"score":100},{"name":"subesh","age":24,"score":99.8},{"name":"kumar","age":25,"score":98.8},{"name":"Raja","age":28,"score":98.0},{"name":"Ramesh","age":20,"score":97.8}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId("643e7a3434882d838b23f989"),

'1': ObjectId("643e7a3434882d838b23f98a"),

'2': ObjectId("643e7a3434882d838b23f98b"),

'3': ObjectId("643e7a3434882d838b23f98c"),

'4': ObjectId("643e7a3434882d838b23f98d"),

'5': ObjectId("643e7a3434882d838b23f98e"),

'6': ObjectId("643e7a3434882d838b23f98f")

}

}

**To find()**

Student\_Det> db.Arts\_computer. find()

[

{

\_id: ObjectId("643e7a3434882d838b23f989"),

name: 'Ramkumar.R',

age: 22,

score: 99.6

},

{

\_id: ObjectId("643e7a3434882d838b23f98a"),

name: 'surya.R',

age: 22,

score: 99.7

},

{

\_id: ObjectId("643e7a3434882d838b23f98b"),

name: 'Bhrathi',

age: 20,

score: 100

},

{

\_id: ObjectId("643e7a3434882d838b23f98c"),

name: 'subesh',

age: 24,

score: 99.8

},

{

\_id: ObjectId("643e7a3434882d838b23f98d"),

name: 'kumar',

age: 25,

score: 98.8

},

{

\_id: ObjectId("643e7a3434882d838b23f98e"),

name: 'Raja',

age: 28,

score: 98

},

{

\_id: ObjectId("643e7a3434882d838b23f98f"),

name: 'Ramesh',

age: 20,

score: 97.8

}

]

**To find().pretty()**

Student\_Det> db.Arts\_computer.find().pretty()

[

{

\_id: ObjectId("643e7a3434882d838b23f989"),

name: 'Ramkumar.R',

age: 22,

score: 99.6

},

{

\_id: ObjectId("643e7a3434882d838b23f98a"),

name: 'surya.R',

age: 22,

score: 99.7

},

{

\_id: ObjectId("643e7a3434882d838b23f98b"),

name: 'Bhrathi',

age: 20,

score: 100

},

{

\_id: ObjectId("643e7a3434882d838b23f98c"),

name: 'subesh',

age: 24,

score: 99.8

},

{

\_id: ObjectId("643e7a3434882d838b23f98d"),

name: 'kumar',

age: 25,

score: 98.8

},

{

\_id: ObjectId("643e7a3434882d838b23f98e"),

name: 'Raja',

age: 28,

score: 98

},

{

\_id: ObjectId("643e7a3434882d838b23f98f"),

name: 'Ramesh',

age: 20,

score: 97.8

}

]

Student\_Det>

**To create and use the database**

E-commerce\_application> use E\_commerce

switched to db E\_commerce

**To create Collection in a database**

E\_commerce> db.createCollection("E-commerce")

{ ok: 1 }

**Six document create input**

E\_commerce> db.E\_commerce.insert([{"Customerid":684523,"First\_name":"Ram","Last\_name":"kumar","Dob":new Date('june 06,2001'),"Address":"Coimbatore","phone":9944897180},{"Customerid":768858,"First\_name":"Surya","Last\_name":"Raja","Dob":new Date('April 09,2000'),"Address":"coimbatore","phone":8479874738},{"Customerid":6767787,"First\_name":"Subesh","Last\_name":"Bro","Dob":new Date('April 06,1997'),"Address":"coimbatore","phone":9974464668},{"Customerid":76756,"First\_name":"Bharathi","Last\_name":"Raj","Dob":new Date('Mar 03,2002'),"Address":"coimbatore","phone":9884887743},{"Customerid":647373,"First\_name":"Rahul","Last\_name":"Raj","Dob":new Date('Marc 09,2003'),"Address":"coimbatore","phone":5463653538},{"Customerid":7664343,"First\_name":"Ramesh","Last\_name":"kumar","Dob":new Date('April 08,2003'),"Address":"coimbatore","phone":9767666363}])

DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.

{

acknowledged: true,

insertedIds: {

'0': ObjectId("643e8baa5ad183c697e8aaf9"),

'1': ObjectId("643e8baa5ad183c697e8aafa"),

'2': ObjectId("643e8baa5ad183c697e8aafb"),

'3': ObjectId("643e8baa5ad183c697e8aafc"),

'4': ObjectId("643e8baa5ad183c697e8aafd"),

'5': ObjectId("643e8baa5ad183c697e8aafe")

}

}

**To find()**

E\_commerce> db.E\_commerce.find()

[

{

\_id: ObjectId("643e8baa5ad183c697e8aaf9"),

Customerid: 684523,

First\_name: 'Ram',

Last\_name: 'kumar',

Dob: ISODate("2001-06-05T18:30:00.000Z"),

Address: 'Coimbatore',

phone: 9944897180

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafa"),

Customerid: 768858,

First\_name: 'Surya',

Last\_name: 'Raja',

Dob: ISODate("2000-04-08T18:30:00.000Z"),

Address: 'coimbatore',

phone: 8479874738

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafb"),

Customerid: 6767787,

First\_name: 'Subesh',

Last\_name: 'Bro',

Dob: ISODate("1997-04-05T18:30:00.000Z"),

Address: 'coimbatore',

phone: 9974464668

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafc"),

Customerid: 76756,

First\_name: 'Bharathi',

Last\_name: 'Raj',

Dob: ISODate("2002-03-02T18:30:00.000Z"),

Address: 'coimbatore',

phone: 9884887743

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafd"),

Customerid: 647373,

First\_name: 'Rahul',

Last\_name: 'Raj',

Dob: ISODate("2003-03-08T18:30:00.000Z"),

Address: 'coimbatore',

phone: 5463653538

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafe"),

Customerid: 7664343,

First\_name: 'Ramesh',

Last\_name: 'kumar',

Dob: ISODate("2003-04-07T18:30:00.000Z"),

Address: 'coimbatore',

phone: 9767666363

}

]

**To find().pretty()**

E\_commerce> db.E\_commerce.find().pretty()

[

{

\_id: ObjectId("643e8baa5ad183c697e8aaf9"),

Customerid: 684523,

First\_name: 'Ram',

Last\_name: 'kumar',

Dob: ISODate("2001-06-05T18:30:00.000Z"),

Address: 'Coimbatore',

phone: 9944897180

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafa"),

Customerid: 768858,

First\_name: 'Surya',

Last\_name: 'Raja',

Dob: ISODate("2000-04-08T18:30:00.000Z"),

Address: 'coimbatore',

phone: 8479874738

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafb"),

Customerid: 6767787,

First\_name: 'Subesh',

Last\_name: 'Bro',

Dob: ISODate("1997-04-05T18:30:00.000Z"),

Address: 'coimbatore',

phone: 9974464668

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafc"),

Customerid: 76756,

First\_name: 'Bharathi',

Last\_name: 'Raj',

Dob: ISODate("2002-03-02T18:30:00.000Z"),

Address: 'coimbatore',

phone: 9884887743

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafd"),

Customerid: 647373,

First\_name: 'Rahul',

Last\_name: 'Raj',

Dob: ISODate("2003-03-08T18:30:00.000Z"),

Address: 'coimbatore',

phone: 5463653538

},

{

\_id: ObjectId("643e8baa5ad183c697e8aafe"),

Customerid: 7664343,

First\_name: 'Ramesh',

Last\_name: 'kumar',

Dob: ISODate("2003-04-07T18:30:00.000Z"),

Address: 'coimbatore',

phone: 9767666363

}

]

**Showing database**

E\_commerce> show dbs

E\_commerce 48.00 KiB

PVT\_Employee 8.00 KiB

Student\_Det 40.00 KiB

admin 40.00 KiB

config 96.00 KiB

local 40.00 KiB

**To show collections**

E\_commerce> show collections

E\_commerce

E-commerce

E\_commerce>

**To create database**

E\_commerce> use PVT\_Employee

switched to db PVT\_Employee

**To delete the database**

PVT\_Employee> db.dropDatabase()

{ ok: 1, dropped: 'PVT\_Employee' }

**To show balance database**

PVT\_Employee> show dbs

E\_commerce 48.00 KiB

Student\_Det 40.00 KiB

admin 40.00 KiB

config 96.00 KiB

local 40.00 KiB

**To create and use the database**

PVT\_Employee> use order\_det

switched to db order\_det

**To create collection in a database**

order\_det> db.createCollection("order\_det")

{ ok: 1 }

**To use insert([{}]) six document input**

order\_det> db.order\_det.insert([{"Orderid":675478975,"Customerid":8976,"order\_datetime":new ISODate("2023-12-13T08:25:40Z"),"Shipped\_datetime":new ISODate("2023-12-16T03:00:00Z"),"Total\_amount":100000},{"Orderid":76488474789,"Customerid":9463,"order\_datetime":new ISODate("2023-06-10T05:30:50Z"),"Shipped\_datetime":new ISODate("2023-06-16T03:45:00Z"),"Total\_amount":50000},{"Orderid":56735648,"Customerid":6343,"order\_datetime":new ISODate("2023-01-26T08:00:40Z"),"Shipped\_datetime": new ISODate("2023-02-05T03:20:30Z"),"Total\_amount":3000},{"Orderid":57383923,"Customerid":7645,"order\_datetime": new ISODate("2023-02-16T05:57:30Z"),"Shipped\_datetime":new ISODate("2023-02-22T03:35:59Z"),"Total\_amount":20000},{"Orderid":345662547,"Customerid":4523,"order\_datetime":new ISODate("2023-03-21T02:25:00Z"),"Shipped\_datetime":new ISODate("2023-03-16T04:00:00Z"),"Total\_amount":60000},{"Orderid":3674885434,"Customerid":9033,"order\_datetime":new ISODate("2023-04-13T09:00:40Z"),"Shipped\_datetime":new ISODate("2023-04-24T11:55:00Z"),"Total\_amount":1000}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId("643e972c5ad183c697e8aaff"),

'1': ObjectId("643e972c5ad183c697e8ab00"),

'2': ObjectId("643e972c5ad183c697e8ab01"),

'3': ObjectId("643e972c5ad183c697e8ab02"),

'4': ObjectId("643e972c5ad183c697e8ab03"),

'5': ObjectId("643e972c5ad183c697e8ab04")

}

}

**To find() fields**

order\_det> db.order\_det.find()

[

{

\_id: ObjectId("643e972c5ad183c697e8aaff"),

Orderid: 675478975,

Customerid: 8976,

order\_datetime: ISODate("2023-12-13T08:25:40.000Z"),

Shipped\_datetime: ISODate("2023-12-16T03:00:00.000Z"),

Total\_amount: 100000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab00"),

Orderid: 76488474789,

Customerid: 9463,

order\_datetime: ISODate("2023-06-10T05:30:50.000Z"),

Shipped\_datetime: ISODate("2023-06-16T03:45:00.000Z"),

Total\_amount: 50000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab01"),

Orderid: 56735648,

Customerid: 6343,

order\_datetime: ISODate("2023-01-26T08:00:40.000Z"),

Shipped\_datetime: ISODate("2023-02-05T03:20:30.000Z"),

Total\_amount: 3000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab02"),

Orderid: 57383923,

Customerid: 7645,

order\_datetime: ISODate("2023-02-16T05:57:30.000Z"),

Shipped\_datetime: ISODate("2023-02-22T03:35:59.000Z"),

Total\_amount: 20000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab03"),

Orderid: 345662547,

Customerid: 4523,

order\_datetime: ISODate("2023-03-21T02:25:00.000Z"),

Shipped\_datetime: ISODate("2023-03-16T04:00:00.000Z"),

Total\_amount: 60000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab04"),

Orderid: 3674885434,

Customerid: 9033,

order\_datetime: ISODate("2023-04-13T09:00:40.000Z"),

Shipped\_datetime: ISODate("2023-04-24T11:55:00.000Z"),

Total\_amount: 1000

}

]

**To find().pretty()**

order\_det> db.order\_det.find().pretty()

[

{

\_id: ObjectId("643e972c5ad183c697e8aaff"),

Orderid: 675478975,

Customerid: 8976,

order\_datetime: ISODate("2023-12-13T08:25:40.000Z"),

Shipped\_datetime: ISODate("2023-12-16T03:00:00.000Z"),

Total\_amount: 100000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab00"),

Orderid: 76488474789,

Customerid: 9463,

order\_datetime: ISODate("2023-06-10T05:30:50.000Z"),

Shipped\_datetime: ISODate("2023-06-16T03:45:00.000Z"),

Total\_amount: 50000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab01"),

Orderid: 56735648,

Customerid: 6343,

order\_datetime: ISODate("2023-01-26T08:00:40.000Z"),

Shipped\_datetime: ISODate("2023-02-05T03:20:30.000Z"),

Total\_amount: 3000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab02"),

Orderid: 57383923,

Customerid: 7645,

order\_datetime: ISODate("2023-02-16T05:57:30.000Z"),

Shipped\_datetime: ISODate("2023-02-22T03:35:59.000Z"),

Total\_amount: 20000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab03"),

Orderid: 345662547,

Customerid: 4523,

order\_datetime: ISODate("2023-03-21T02:25:00.000Z"),

Shipped\_datetime: ISODate("2023-03-16T04:00:00.000Z"),

Total\_amount: 60000

},

{

\_id: ObjectId("643e972c5ad183c697e8ab04"),

Orderid: 3674885434,

Customerid: 9033,

order\_datetime: ISODate("2023-04-13T09:00:40.000Z"),

Shipped\_datetime: ISODate("2023-04-24T11:55:00.000Z"),

Total\_amount: 1000

}

]

order\_det>

**To create and use the database**

mongoDB> use Employee

switched to db Employee

**To create collection in a database**

Employee> db.createCollection("emp\_det")

{ ok: 1 }

**To create five documents input**

Employee> db.emp\_det.insert([{"name":"R.Raja","age":21,"salary":80000},{"name":"Bharathi","age":22,"salary":30000},{"name":"Kumar","age":22,"salary":25000},{"name":"Rajathi\_Rajan","age":25,"salary":150000},{"name":"mohan","age":22,"salary":12000}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId("643ecf64187100e8cb976eac"),

'1': ObjectId("643ecf64187100e8cb976ead"),

'2': ObjectId("643ecf64187100e8cb976eae"),

'3': ObjectId("643ecf64187100e8cb976eaf"),

'4': ObjectId("643ecf64187100e8cb976eb0")

}

}

**To using find()**

Employee> db.emp\_det.find()

[

{

\_id: ObjectId("643ecf64187100e8cb976eac"),

name: 'R.Raja',

age: 21,

salary: 80000

},

{

\_id: ObjectId("643ecf64187100e8cb976ead"),

name: 'Bharathi',

age: 22,

salary: 30000

},

{

\_id: ObjectId("643ecf64187100e8cb976eae"),

name: 'Kumar',

age: 22,

salary: 25000

},

{

\_id: ObjectId("643ecf64187100e8cb976eaf"),

name: 'Rajathi\_Rajan',

age: 25,

salary: 150000

},

{

\_id: ObjectId("643ecf64187100e8cb976eb0"),

name: 'mohan',

age: 22,

salary: 12000

}

]

**To using find().pretty()**

Employee> db.emp\_det.find().pretty()

[

{

\_id: ObjectId("643ecf64187100e8cb976eac"),

name: 'R.Raja',

age: 21,

salary: 80000

},

{

\_id: ObjectId("643ecf64187100e8cb976ead"),

name: 'Bharathi',

age: 22,

salary: 30000

},

{

\_id: ObjectId("643ecf64187100e8cb976eae"),

name: 'Kumar',

age: 22,

salary: 25000

},

{

\_id: ObjectId("643ecf64187100e8cb976eaf"),

name: 'Rajathi\_Rajan',

age: 25,

salary: 150000

},

{

\_id: ObjectId("643ecf64187100e8cb976eb0"),

name: 'mohan',

age: 22,

salary: 12000

}

]

**To delete the collection and document**

Employee> db.emp\_det.drop()

True

**To delete collection after different empty space**

Employee> show collections

Employee> show collections

**To delete the Database**

Employee> db.dropDatabase()

{ ok: 1, dropped: 'Employee' }

**To delete database after different not show in database list**

Employee> show dbs

E\_commerce 48.00 KiB

Student\_Det 40.00 KiB

admin 40.00 KiB

config 108.00 KiB

local 40.00 KiB

order\_det 40.00 KiB

**Today cover by :**

1. **Create use database**
2. **Create db.createCollection(“empty”); collections**
3. **Delete the database (drop()) using front**
4. **Delete the collections (drop()) using last**
5. **Show dbs**
6. **Show collections**
7. **Date and datetime**
8. **insert() one or more then use**
9. **insertone() single document**
10. **insertMany() multiple document only create**