**To create database:**

use first

switched to db first

**TO CREATE A COLLECTION** (STUDENT)

first> db.createCollection("student")

{ ok: 1 }

TO CREATE A COLLECTION(ECOMERCE)

> db.createCollection("ecomerce")

{ ok: 1 }

TO DISPLAY THE COLLECTIONS CREATED

first> show collections

ecomerce

student

**TO CREATE DOCUMENTS TO THE COLLECTION STUDENT**

first> db.student.insert([{"firstname":"ajay",”lastname”:”a”,"age":21,"score":25.34},{first"name":"surya",”lastname”:”s”,"age":23,"score":67.23},{"firstname":"jeeva",”lastname”:”w”,"age":24,"score":55.23},{"firstname":"yogesh",”lastname”:”s”,"age":25,"score":43.43},{"firstname":"ammu",”lastname:”a”,"age":19,"score":54.234},{"name":"nila","age":23,"score":45.35}])

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

{

acknowledged: true,

insertedIds: {

'0': ObjectId("643e799f9c183a78707d13ac"),

'1': ObjectId("643e799f9c183a78707d13ad"),

'2': ObjectId("643e799f9c183a78707d13ae"),

'3': ObjectId("643e799f9c183a78707d13af"),

'4': ObjectId("643e799f9c183a78707d13b0"),

'5': ObjectId("643e799f9c183a78707d13b1")

}

}

first> db.student.find().pretty();

first> db.student.find().pretty()

first> db.collection.find().pretty();

[

{

\_id: ObjectId("643e799f9c183a78707d13ac"),

Firstname: 'ajay',

lastname: 'a',

age: 21,

score: 25.34

},

{

\_id: ObjectId("643e799f9c183a78707d13ad"),

Firstname: 'suya',

lastname: 'a',

age: 23,

score: 67.23

},

{

\_id: ObjectId("643e799f9c183a78707d13ae"),

Firstname: 'vijay',

lastname: 'a',

age: 24,

score: 55.23

},

{

\_id: ObjectId("643e799f9c183a78707d13af"),

name: 'yogesh',

age: 25,

score: 43.43

},

{

\_id: ObjectId("643e799f9c183a78707d13b0"),

Firstname: 'ajay',

lastname: 'a',

age: 19,

score: 54.234

},

{

\_id: ObjectId("643e799f9c183a78707d13b1"),

name: 'nila',

age: 23,

score: 45.35

}

]

**COMMERCE COLLECTION AND ITS DOCUMENTS**

first> db.comerce.insert([{"customerid":1,"name":"surya","dob":new Date('jan 1,2001'),"address":"ooty","phone":123445},{"customerid":2,"name":"jeeva","dob":new Date('feb 2,2002'),"address":"ooty","phone":123},{"customerid":3,"dob":new Date('mar 3,2002'),"address":"ooty","phone":1224},{"customerid":4,"name":"yogesh","dob":new Date('apr 4,2004'),"address":"ooty","phone":244},{"customerid":5,"namea":"ajay","dob":new Date('may 4,2006'),"address":"ooty","phone":25365},{"customerid":6,"name":"charles","dob":new Date('june 6,2007'),"address":"ooty","phone":256325}])

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

{

acknowledged: true,

insertedIds: {

'0': ObjectId("643e86fafa25d00aa5ad8e03"),

'1': ObjectId("643e86fafa25d00aa5ad8e04"),

'2': ObjectId("643e86fafa25d00aa5ad8e05"),

'3': ObjectId("643e86fafa25d00aa5ad8e06"),

'4': ObjectId("643e86fafa25d00aa5ad8e07"),

'5': ObjectId("643e86fafa25d00aa5ad8e08")

}

}

first> db.comerce.find().pretty();

[

{

\_id: ObjectId("643e86fafa25d00aa5ad8e03"),

customerid: 1,

name: 'surya',

dob: ISODate("2000-12-31T18:30:00.000Z"),

address: 'ooty',

phone: 123445

},

{

\_id: ObjectId("643e86fafa25d00aa5ad8e04"),

customerid: 2,

name: 'jeeva',

dob: ISODate("2002-02-01T18:30:00.000Z"),

address: 'ooty',

phone: 123

},

{

\_id: ObjectId("643e86fafa25d00aa5ad8e05"),

customerid: 3,

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

address: 'ooty',

phone: 1224

},

{

\_id: ObjectId("643e86fafa25d00aa5ad8e06"),

customerid: 4,

name: 'yogesh',

dob: ISODate("2004-04-03T18:30:00.000Z"),

address: 'ooty',

phone: 244

},

{

\_id: ObjectId("643e86fafa25d00aa5ad8e07"),

customerid: 5,

namea: 'ajay',

dob: ISODate("2006-05-03T18:30:00.000Z"),

address: 'ooty',

phone: 25365

},

{

\_id: ObjectId("643e86fafa25d00aa5ad8e08"),

customerid: 6,

name: 'charles',

dob: ISODate("2007-06-05T18:30:00.000Z"),

address: 'ooty',

phone: 256325

}

]

first>

**COMMERCE1 COLLECTION AND ITS DOCUMENTS**

first> db.commerce1.insert([{"orderid":123,"customerid":233,"order\_datetime":new ISODate('2023-10-12T07:12:12Z'),"shipped\_date":new ISODate('2023-12-12T03:12:01Z'),"total\_amount":1233.34},{"orderid":123,"customerid":4545,"order\_datetime":new ISODate('2023-07-03T01:05:04Z') ,"shipped\_datetime":new ISODate('2022-01-04T02:12:24Z'),"total\_amount":121323.2132},{"orderid":233,"customerid":3432,"order\_datetime":new ISODate('2023-02-02T02:02:03Z'),"shipped\_datetime":new ISODate('2024-02-05T04:38:23Z'),"total\_amount":13232.32},{"orderid":1223,"customerid":2132,"order\_datetime":new ISODate('2023-02-12T02:03:05Z'),"shipped\_datetime":new ISODate('2003-02-03T03:04:07Z'),"total\_amount":13243.434},{"orderid":2334,"customeerid":34324,"order\_datetime":new ISODate('2020-03-02T03:02:02Z'),"shipped\_datetime":new ISODate('2020-01-03T02:02:03Z'),"total\_amount":2674382.2863},{"orderid":2334,"customeerid":231,"order\_datetime":new ISODate('2023-03-03T02:04:05Z'),"shipped\_datetime":new ISODate('2023-02-05T02:03:05Z'),"total\_amount":12324.11}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId("643e9af0fa25d00aa5ad8e09"),

'1': ObjectId("643e9af0fa25d00aa5ad8e0a"),

'2': ObjectId("643e9af0fa25d00aa5ad8e0b"),

'3': ObjectId("643e9af0fa25d00aa5ad8e0c"),

'4': ObjectId("643e9af0fa25d00aa5ad8e0d"),

'5': ObjectId("643e9af0fa25d00aa5ad8e0e")

}

}

first> db.commerce1.find().pretty();

[

{

\_id: ObjectId("643e9af0fa25d00aa5ad8e09"),

orderid: 123,

customerid: 233,

order\_datetime: ISODate("2023-10-12T07:12:12.000Z"),

shipped\_date: ISODate("2023-12-12T03:12:01.000Z"),

total\_amount: 1233.34

},

{

\_id: ObjectId("643e9af0fa25d00aa5ad8e0a"),

orderid: 123,

customerid: 4545,

order\_datetime: ISODate("2023-07-03T01:05:04.000Z"),

shipped\_datetime: ISODate("2022-01-04T02:12:24.000Z"),

total\_amount: 121323.2132

},

{

\_id: ObjectId("643e9af0fa25d00aa5ad8e0b"),

orderid: 233,

customerid: 3432,

order\_datetime: ISODate("2023-02-02T02:02:03.000Z"),

shipped\_datetime: ISODate("2024-02-05T04:38:23.000Z"),

total\_amount: 13232.32

},

{

\_id: ObjectId("643e9af0fa25d00aa5ad8e0c"),

orderid: 1223,

customerid: 2132,

order\_datetime: ISODate("2023-02-12T02:03:05.000Z"),

shipped\_datetime: ISODate("2003-02-03T03:04:07.000Z"),

total\_amount: 13243.434

},

{

\_id: ObjectId("643e9af0fa25d00aa5ad8e0d"),

orderid: 2334,

customeerid: 34324,

order\_datetime: ISODate("2020-03-02T03:02:02.000Z"),

shipped\_datetime: ISODate("2020-01-03T02:02:03.000Z"),

total\_amount: 2674382.2863

},

{

\_id: ObjectId("643e9af0fa25d00aa5ad8e0e"),

orderid: 2334,

customeerid: 231,

order\_datetime: ISODate("2023-03-03T02:04:05.000Z"),

shipped\_datetime: ISODate("2023-02-05T02:03:05.000Z"),

total\_amount: 12324.11

}

]

first>

**create new database** (Employee )

use Employee

switched to db Employee

**create new collection**(emp\_det)

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

{ ok: 1 }

**Creating documents for the collection**(emp\_det)

Employee> db.emp\_det.insert([{"name":"surya","age":23,"salary":12323},{"name":"baradhi","age":34,"salary":2344},{"name":"ram","age":34,"salary":32435},{"name":"subash","age":23,"salary":24335},{"name":"gowtham","age":34,"salary":32452}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId("643ea03ffa25d00aa5ad8e0f"),

'1': ObjectId("643ea03ffa25d00aa5ad8e10"),

'2': ObjectId("643ea03ffa25d00aa5ad8e11"),

'3': ObjectId("643ea03ffa25d00aa5ad8e12"),

'4': ObjectId("643ea03ffa25d00aa5ad8e13")

}

}

**DISPLAYING EMP\_DET COLLECTION IN PRETTY FORMAT**

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

[

{

\_id: ObjectId("643ea03ffa25d00aa5ad8e0f"),

name: 'surya',

age: 23,

salary: 12323

},

{

\_id: ObjectId("643ea03ffa25d00aa5ad8e10"),

name: 'baradhi',

age: 34,

salary: 2344

},

{

\_id: ObjectId("643ea03ffa25d00aa5ad8e11"),

name: 'ram',

age: 34,

salary: 32435

},

{

\_id: ObjectId("643ea03ffa25d00aa5ad8e12"),

name: 'subash',

age: 23,

salary: 24335

},

{

\_id: ObjectId("643ea03ffa25d00aa5ad8e13"),

name: 'gowtham',

age: 34,

salary: 32452

}

]

**Dropped the collection and shown the collections is empty**

Employee> db.emp\_det.drop();

true

Employee> show collections

Employee

TO DELETE THE IMMEDIATE DATABASE

Employee> db.dropDatabase();

{ ok: 1, dropped: 'Employee' }