CREATING NEW DATA BASE

test> use userdb;

switched to db userdb

CREATING A NEW COLLECTION

userdb> db.createdCollection('users')

TypeError: db.createdCollection is not a function

userdb> db.createCollection('users')

{ ok: 1 }

CREATE OPERATION

INSERTONE()

userdb> db.users.insertOne({name : 'Harsh' , age : 21});

{

 acknowledged: true,

 insertedId: ObjectId("65d8b33fa5f76c4e0b6e9859")

}

INSERTMANY()

userdb> db.collection.insertMany([{name : 'Shree' , age : 18 } , {name : 'tanmay' , age : 23 } , {name : 'rohit' , age : 36}]);

```
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId("65d8b396a5f76c4e0b6e985a"),
    '1': ObjectId("65d8b396a5f76c4e0b6e985b"),
    '2': ObjectId("65d8b396a5f76c4e0b6e985c")
  }
}
```

READ OPERATIONS

FIND()

userdb> db.users.find()

```
[
  { _id: ObjectId("65d8b33fa5f76c4e0b6e9859"), name: 'Harsh', age: 21 }
]
```

userdb> db.collection.find()

```
[
  { _id: ObjectId("65d8b396a5f76c4e0b6e985a"), name: 'Shree', age: 18 },
  {
    _id: ObjectId("65d8b396a5f76c4e0b6e985b"),
    name: 'tanmay',
    age: 23
  },
  { _id: ObjectId("65d8b396a5f76c4e0b6e985c"), name: 'rohit', age: 36 }
]
```

```
userdb> db.collection.find({age : { $gt : 20 } }, {name : 1 , age : 1})
[
  {
    _id: ObjectId("65d8b396a5f76c4e0b6e985b"),
    name: 'tanmay',
    age: 23
  },
  { _id: ObjectId("65d8b396a5f76c4e0b6e985c"), name: 'rohit', age: 36 }
]
```

FINDONE()

```
userdb> db.collection.findOne();
{ _id: ObjectId("65d8b396a5f76c4e0b6e985a"), name: 'Shree', age: 18 }
```

UPDATE OPERATION

UPDATEONE()

```
userdb> db.collection.updateOne({name : 'tanmay' } , { $set  : { name : 'harsh'} } )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
userdb> db.collection.find();
[
  { _id: ObjectId("65d8b396a5f76c4e0b6e985a"), name: 'Shree', age: 18 },
```

{ _id: ObjectId("65d8b396a5f76c4e0b6e985b"), name: 'harsh', age: 23 },

  { _id: ObjectId("65d8b396a5f76c4e0b6e985c"), name: 'rohit', age: 36 }

]

UPDATEMANY()

userdb> db.collection.updateMany({ age : { $lt : 30 } } , { $set : { status : "active" } })

{

  acknowledged: true,

  insertedId: null,

  matchedCount: 2,

  modifiedCount: 2,

  upsertedCount: 0

}

DELETE OPERATOINS

userdb> db.user.deleteOne({name : 'harsh'})

{ acknowledged: true, deletedCount: 0 }

DELETEMANY()

userdb> db.collection.deleteMany({age : { $lt : 25 } })

{ acknowledged: true, deletedCount: 2 }

userdb> db.collection.find();

[

  { _id: ObjectId("65d8b396a5f76c4e0b6e985c"), name: 'rohit', age: 36 }

]

DROP()

userdb> db.users.drop()

true

userdb> db.users.find()

userdb>