

Practical 3

CREATING NEW DATABASE:

```
test> use userdb;
```

```
switched to db userdb
```

CREATING A NEW COLLECTION:

```
userdb> db.createCollection("users");
```

```
{ ok: 1 }
```

CREATE OPERATION INSERTONE ()

```
userdb> db.createCollection('user')
```

```
{ ok: 1 }
```

```
userdb> db.user.insertOne({name:"Prachi",age:21});
```

```
{
  acknowledged: true,
  insertedId: ObjectId('65e2a287da1b709cadf5b3b2')
}
```

INSERTMANY ()

```
userdb>
```

```
db.user.insertMany([{name:'Anam',age:21},{name:'Priya',age:26},{name:'Rohan',age:30}]);
```

```
{
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('65e2a2b1da1b709cadf5b3b3'),
    '1': ObjectId('65e2a2b1da1b709cadf5b3b4'),
    '2': ObjectId('65e2a2b1da1b709cadf5b3b5')
  }
}
```

READ OPERATIONS

FIND ()

```
userdb> db.user.find();
```

```
[
  {
    _id: ObjectId('65e2a287da1b709cadf5b3b2'),
    name: 'Prachi',
    age: 21
  },
  { _id: ObjectId('65e2a2b1da1b709cadf5b3b3'), name: 'Anam', age: 21 },
  { _id: ObjectId('65e2a2b1da1b709cadf5b3b4'), name: 'Priya', age: 26 },
  { _id: ObjectId('65e2a2b1da1b709cadf5b3b5'), name: 'Rohan', age: 30 }
]
```

FINDONE ()

```
userdb> db.users.findOne({name:'Priya'});
```

```
{ _id: ObjectId('65d8ca55f8488ab9d8445854'), name: 'Priya', age: 26 }
```

UPDATE OPERATION

UPDATEONE ()

```
userdb> db.user.updateOne({name:"Prachi"},{$set:{name:"Arpita"}})
```

```
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}
```

```
userdb>
```

UPDATESMANY ()

```
userdb> db.user.updateMany({age:{$lt:30}},{$set:{status:"active"}});  
  
{  
  acknowledged: true,  
  insertedId: null,  
  matchedCount: 3,  
  modifiedCount: 3,  
  upsertedCount: 0  
}
```

DELETE OPERATIONS

```
userdb> db.user.deleteOne({name:'Prachi'})  
  
{ acknowledged: true, deletedCount: 1 }
```

DELETESMANY()

```
userdb> db.user.deleteMany({age:{$lt:25}})  
  
{ acknowledged: true, deletedCount: 1 }
```

DROP()

```
userdb> db.user.drop()  
  
true  
userdb>
```