

NAME: NIDHI SHETTY

ROLL NO.: 01

PRACTICAL NO.: 03

CREATING NEW DATA BASE

```
test> useuserdb;
```

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 : 'reshma' , age : 21});
```

```
{
```

```
  acknowledged: true,
```

```
  insertedId: ObjectId("65d8b33fa5f76c4e0b6e9859")
```

```
}
```

NAME: NIDHI SHETTY

ROLL NO.: 01

INSERTMANY()

```
userdb> db.collection.insertMany([{name : 'Shree' , age : 18 } , {name : 'nidhi' , 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: 'reshma', age: 21 }
]
```

```
userdb>
```

```
db.collection.find() [
```

```
  { _id: ObjectId("65d8b396a5f76c4e0b6e985a"), name: 'Shree', age: 18 },
  {
    _id:
      ObjectId("65d8b396a5f76c4e0b6e985
b"), name: 'nidhi',
    age: 23
  }
]
```

NAME: NIDHI SHETTY

ROLL NO.: 01

},

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

NAME: NIDHI SHETTY

ROLL NO.: 01

```
userdb> db.collection.find({age : { $gt : 20 } }, {name : 1 , age
: 1}) [
  {
    _id:
      ObjectId("65d8b396a5f76c4e0b6e985b"),
    name: 'nidhi',
    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 : 'nidhi' } , { $set : { name : 'reshma'}} )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
userdb> db.collection.find();
[
  { _id: ObjectId("65d8b396a5f76c4e0b6e985a"), name: 'Shree', age: 18 },
```

NAME: NIDHI SHETTY

ROLL NO.: 01

```
{ _id: ObjectId("65d8b396a5f76c4e0b6e985b"), name: 'reshma', 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 : 'reshma'})  
  
{ 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 }  
]
```

NAME: NIDHI SHETTY

ROLL NO.: 01

DROP()

```
userdb>
```

```
db.users.drop() true
```

```
userdb> db.users.find()
```

```
userdb>
```