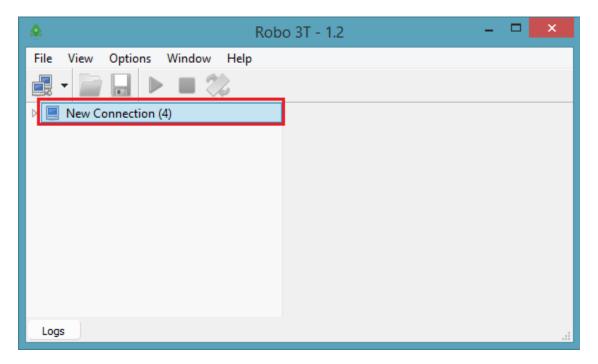
## MongoDB

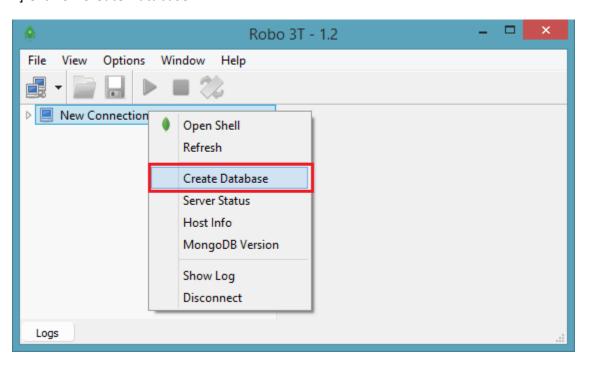
## Steps to create MongoDB database:

The Robo 3T tool is used to setup MongoDB, download Robo 3T from https://robomongo.org/.

## i] Right click on New Connection



### ii] Click on Create Database



iv] Finally database MongoDB is created.

# Collection create code and screenshot:

Code:

db.createCollection("Doctor")

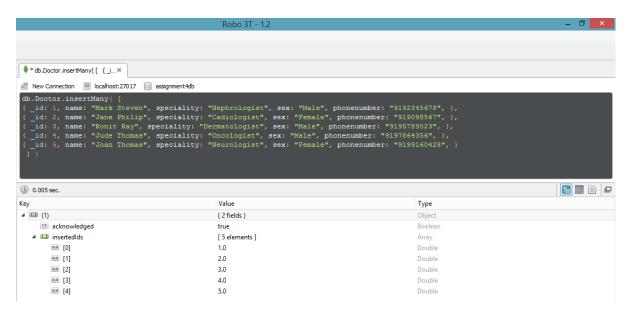
Screenshot:



Populate Collection with data:

#### Code:

#### Screenshot:

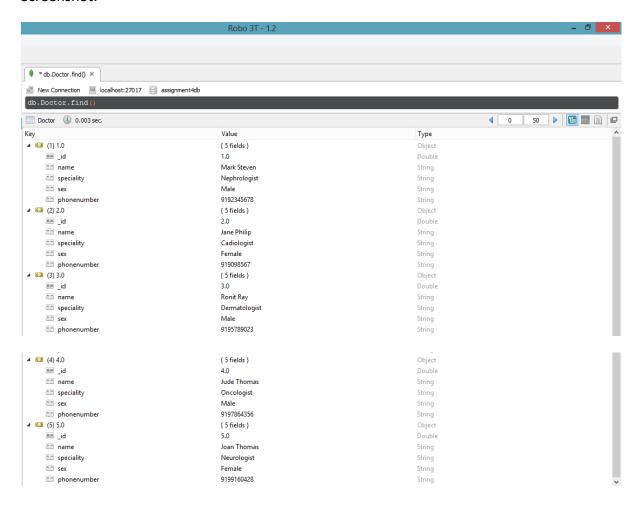


### Queries

1]

## db.Doctor.find()

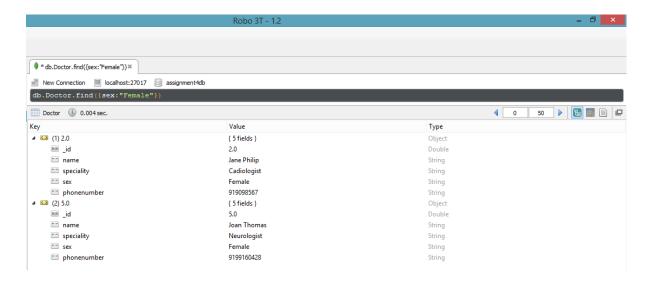
### Screenshot:



2]

db.Doctor.find({sex:"Female"}

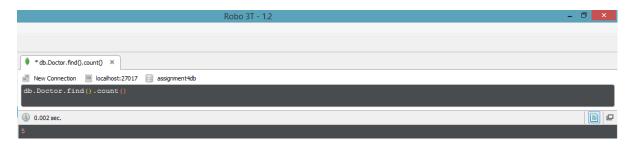
) Screenshot:



3]

db.Doctor.find().count()

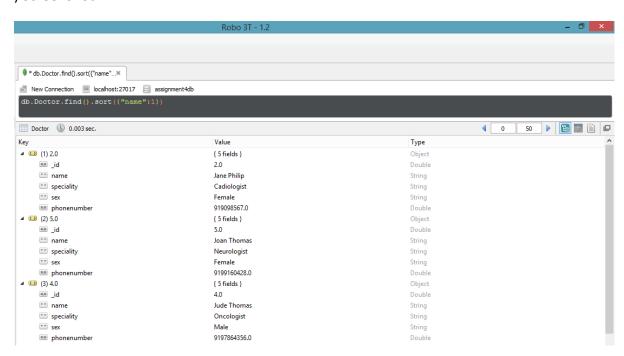
#### Screenshot:

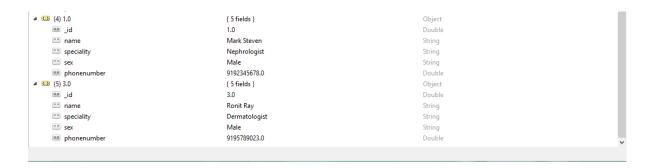


4]

db.Doctor.find().sort({"name":1}

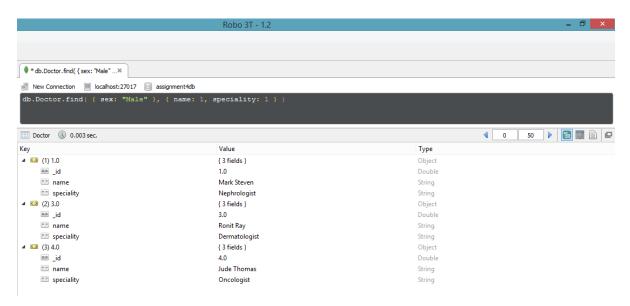
### ) Screenshot:





5] db.Doctor.find( { sex: "Male" }, { name: 1,

speciality: 1 } ) Screenshot:



6] db.Doctor.update({"name": "Jane Philip"}, {\$set: {"phonenumber":

9753028841}}) Screenshot:

```
Robo 3T - 1.2

**db.Doctor.update({`name": "...×

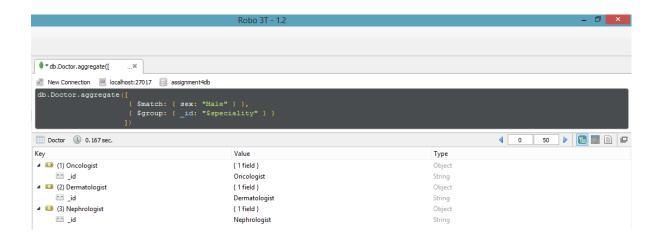
| New Connection | localhost:27017 | assignment4db
| db.Doctor.update({"name": "Jane Philip"}, {$set: {"phonenumber": 9753028841}})

| 0.124 sec.
| Updated 1 existing record(s) in 103ms

| 7] db.Doctor.aggregate([
```

{ \$match: { sex: "Male" } }, { \$group: { \_id: "\$speciality" } } ])

Screenshot:



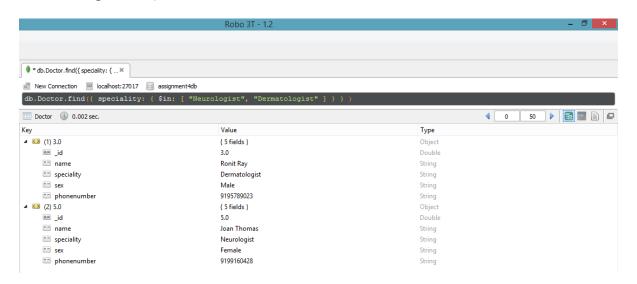
## 8] db.Doctor.deleteOne({ sex:

## "Male"}) Screenshot:



9] db.Doctor.find({ speciality: { \$in: [ "Neurologist",

"Dermatologist"]}})Screenshot:



## Screenshot:

