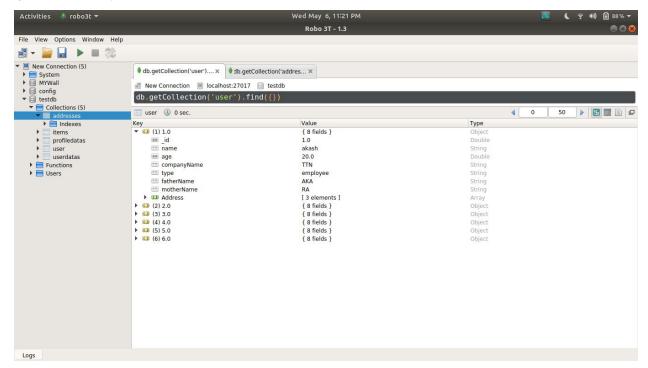
# **Exercise Answers**

Add 50 User and 100 Address Collection, One User has multiple Address.

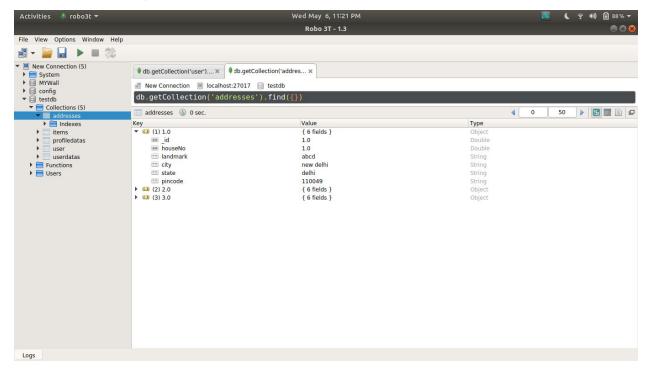
User properties - name, age, companyName, type, fatherName, motherName, Address Arraylds as references.

Address Properties - houseNo, landmark, city, state, pincode.

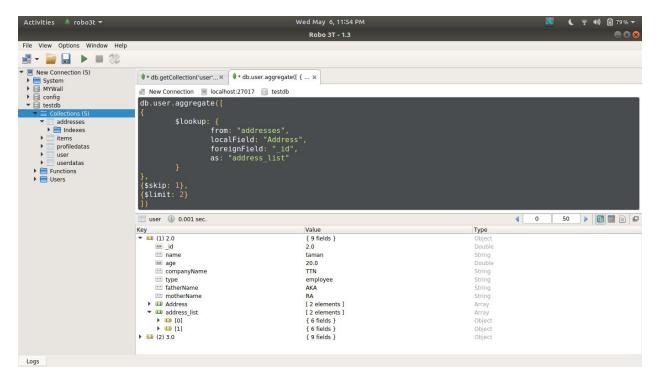
#### User Data:



#### Address Data:



Write a query to fetch all address data from addresses in users. Limit should be 10 and skipping first five.



Start MongoDB without authentication

Create Database ttn and insert some data into user collection.

Setup the replication with Artiber and verify that ttn database is replicated into secondary.

Add 2 more members to a replica set with

rs.add();

Try adding a member which already has data.

# Creating 3 server instances running on different ports

```
Activities Terminal Terminal Terminal Terminal Terminal Terminal Terminal

Terminal

Acade Search Terminal Help

Akash@akash:replicaset-mongodb $ mongod --replSet akash --logpath "1.log" --dbpath rs1 --port 27017 & [1] 5458

Akash@akash:replicaset-mongodb $ mongod --replSet akash --logpath "2.log" --dbpath rs2 --port 27018 & [2] 5501

Akash@akash:replicaset-mongodb $ mongod --replSet akash --logpath "3.log" --dbpath rs3 --port 27019 & [3] 5545

Akash@akash:replicaset-mongodb $ ps -ef | grep mongo akash 5458 4984 4 800:23 pts/0 00:00:00 mongod --replSet akash --logpath 1.log --dbpath rs1 --port 27017

Akash 5501 4984 4 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 2.log --dbpath rs2 --port 27018

Akash 5501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs2 --port 27018

Akash 5501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019

Akash 5501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019

Akash 6501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019

Akash 6501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019

Akash 6501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019

Akash 6501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019

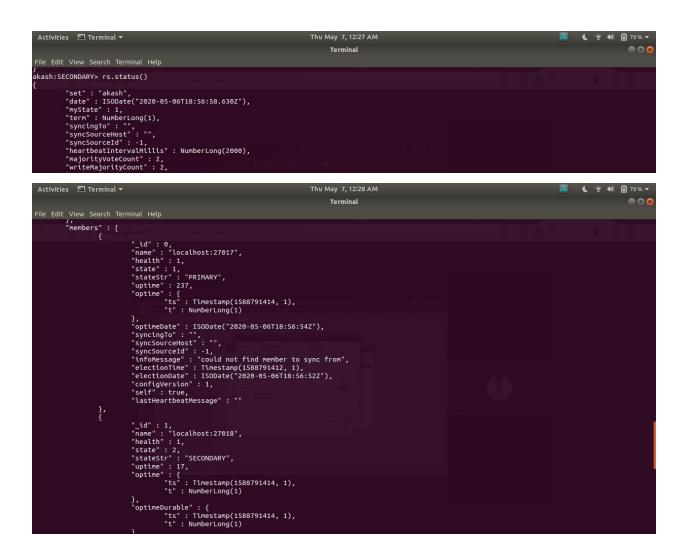
Akash 6501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019

Akash 6501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019

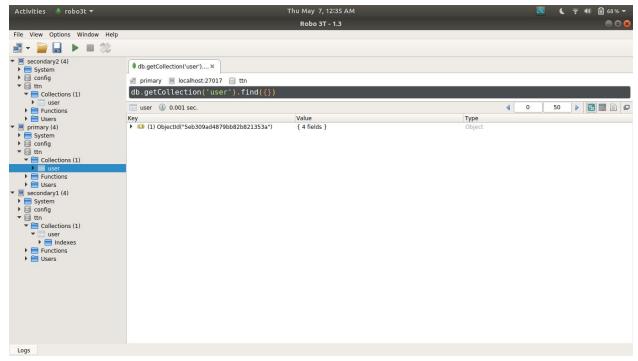
Akash 6501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019

Akash 6501 4984 00:23 pts/0 00:00:00 mongod --replSet akash --logpath 3.log --dbpath rs3 --port 27019
```

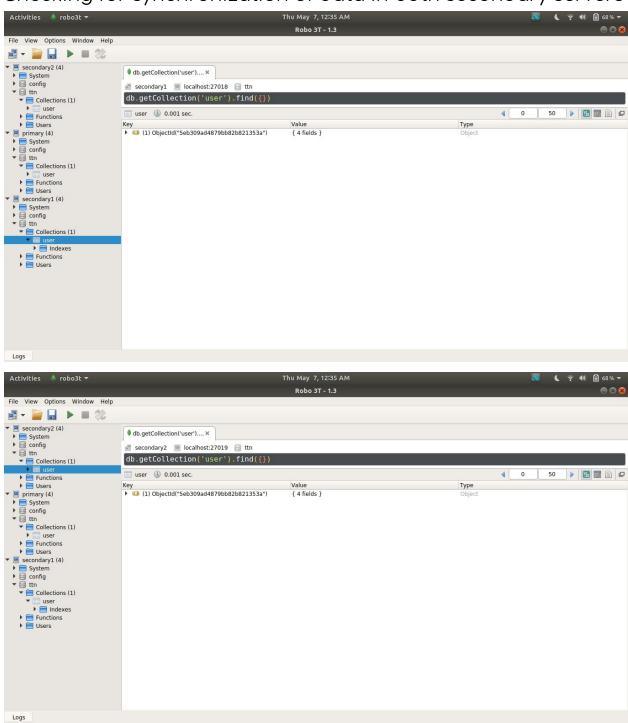
# Adding config to initiate replication



### Adding data to primary server named ttn



# Checking for synchronization of data in both secondary servers



#### Creating 4th instance

```
File Edit View Search Terminal Help

akash@akash:replicaset-mongodb $ mkdir rs4
akash@akash:replicaset-mongodb $ mongod --replSet akash --logpath "4.log" --dbpa
th rs4 --port 27020 &

[1] 6300
akash@akash:replicaset-mongodb $
```

#### Adding the fourth instance as a secondary

#### Checking status

```
### Thu May 7, 1241 AM

| Terminal | Termin
```

# Creating 5th instance

```
akash@akash:replicaset-mongodb $ mkdir rs5
akash@akash:replicaset-mongodb $ mongod --replSet akash --logpath "5.log" --dbpa
th rs5 --port 27021 &
[2] 6572
akash@akash:replicaset-mongodb $ [
```