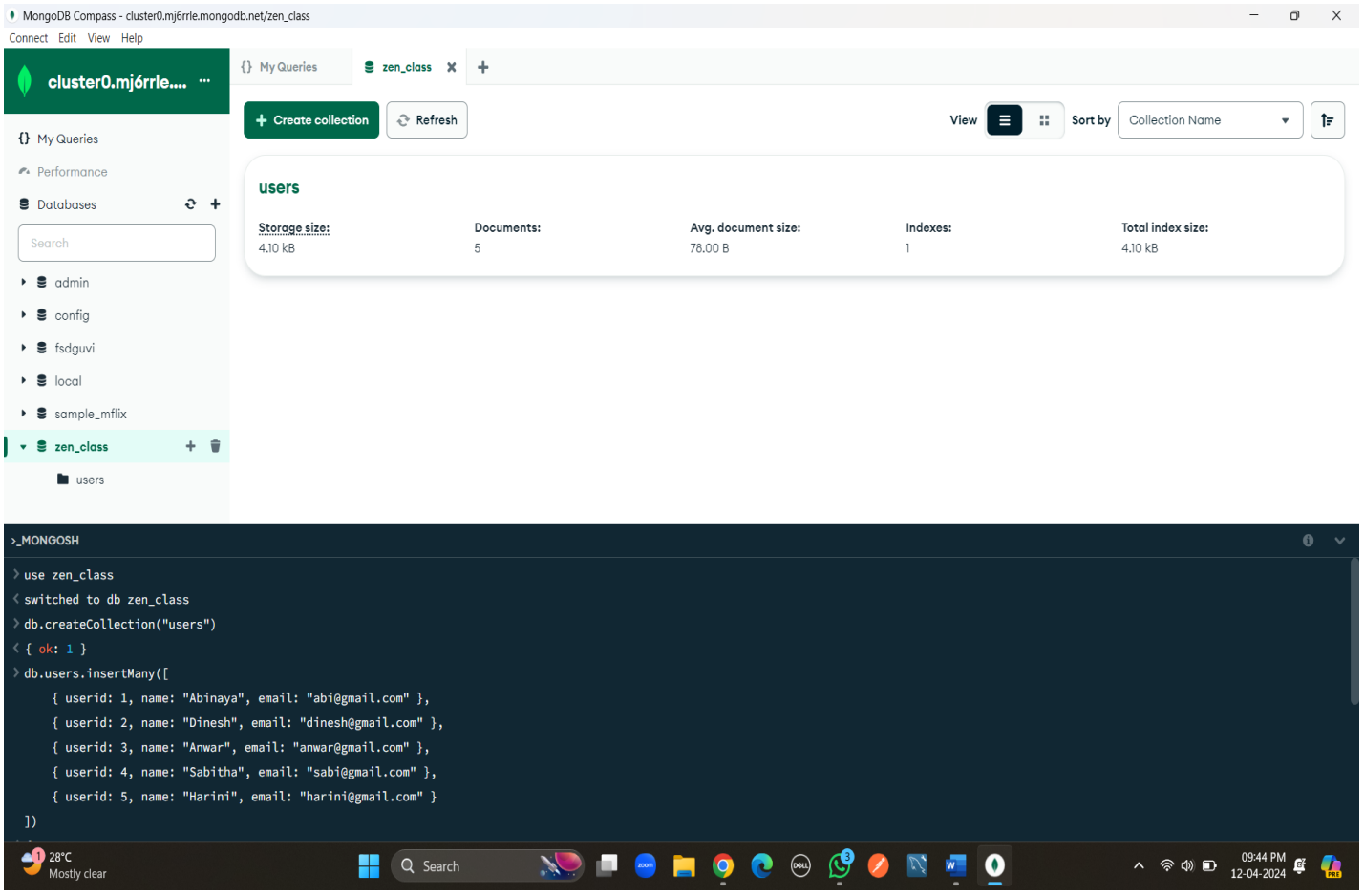
Design Database for Zen Class Programme

- Create database

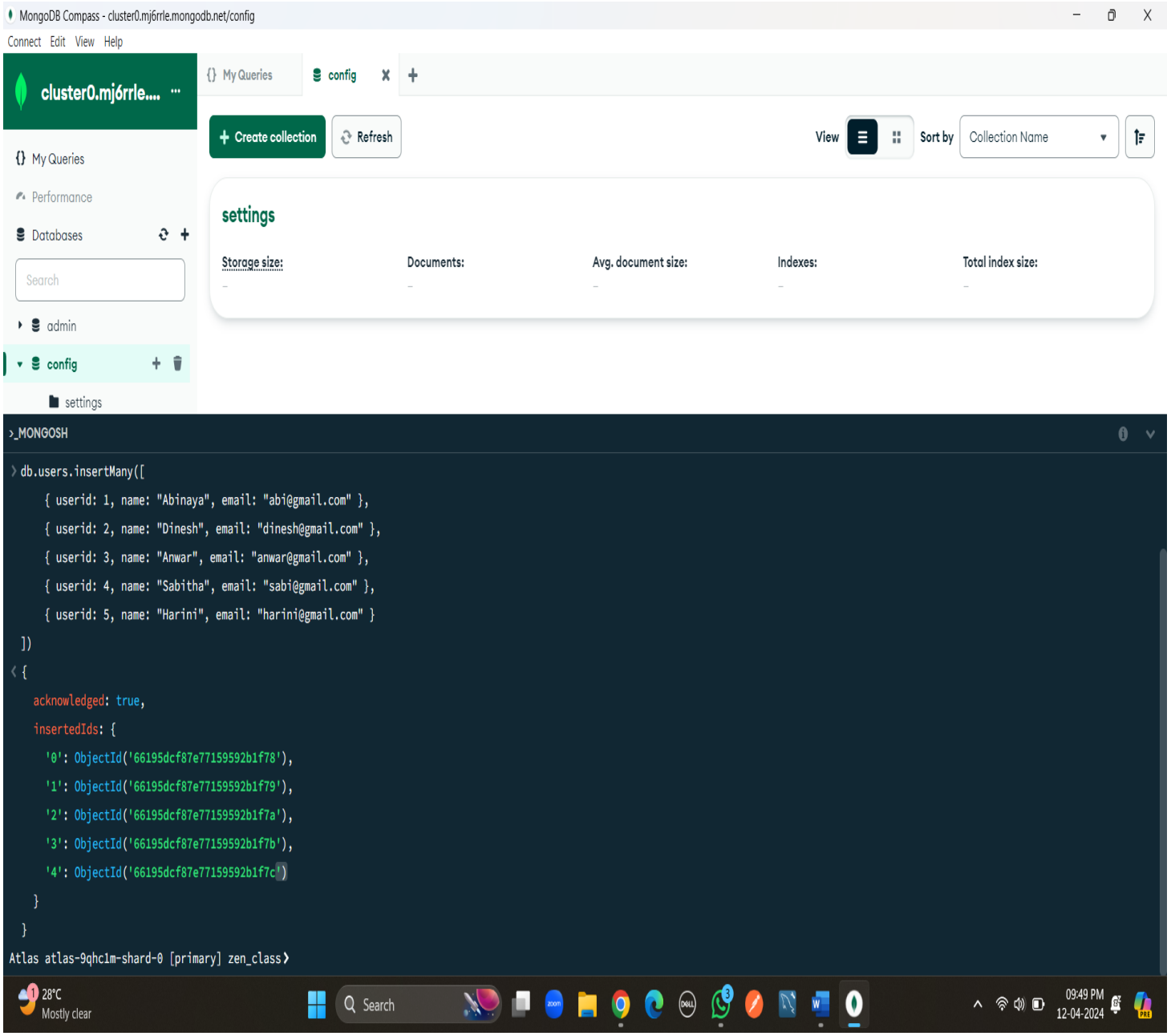
use zen_class




```
>_MONGOSH
> use zen_class
< switched to db zen_class
> db.createCollection("users")
< { ok: 1 }
> db.users.insertMany([
    { userid: 1, name: "Abinaya", email: "abi@gmail.com" },
    { userid: 2, name: "Dinesh", email: "dinesh@gmail.com" },
    { userid: 3, name: "Anwar", email: "anwar@gmail.com" },
    { userid: 4, name: "Sabitha", email: "sabi@gmail.com" },
    { userid: 5, name: "Harini", email: "harini@gmail.com" }
])
```

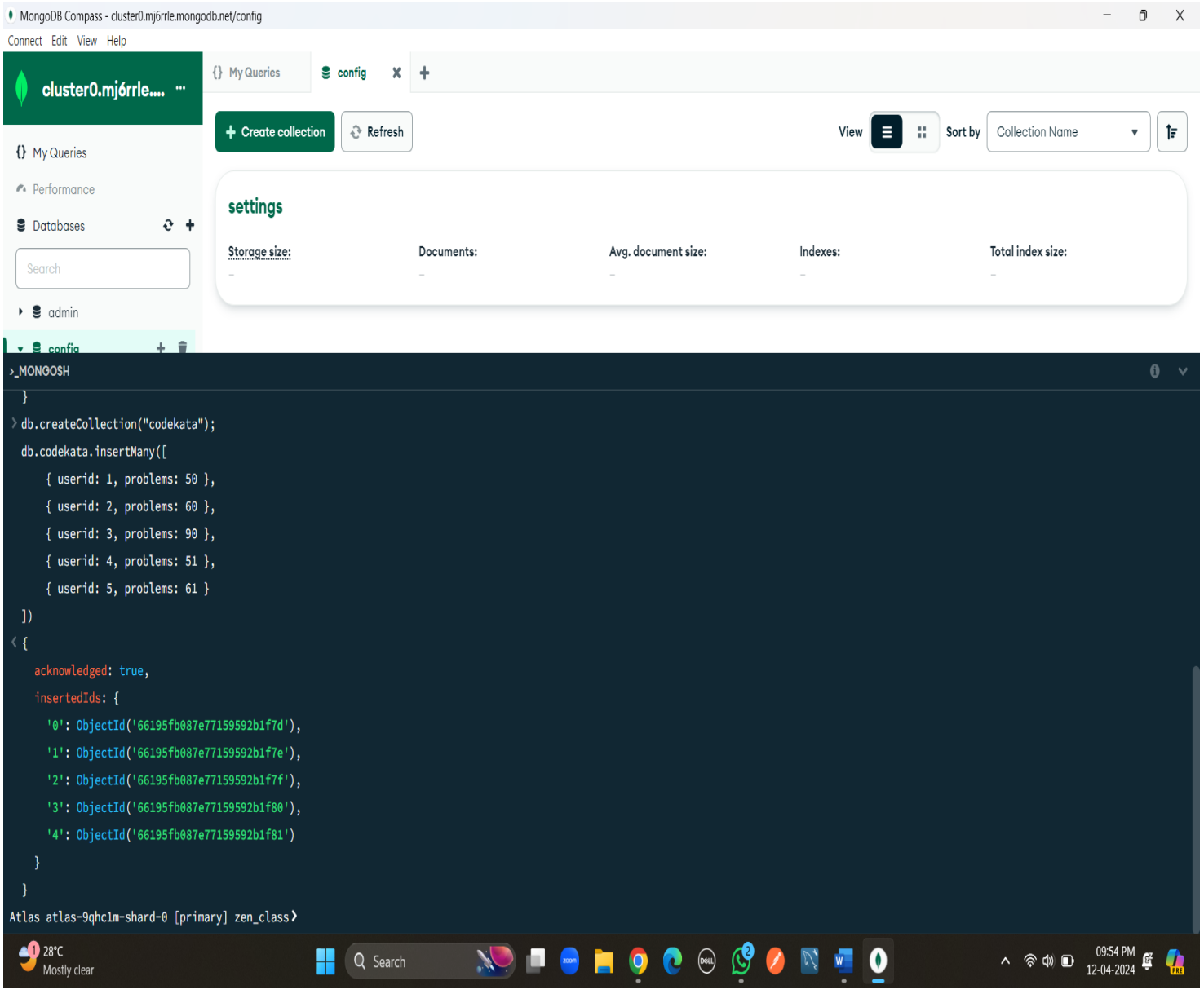
-Create collection and insert data – “USERS” :

```
db.createCollection(“users”);
db.users.insertMany([
   { userid: 1, name: "Abinaya", email: "abi@gmail.com" },
   { userid: 2, name: "Dinesh", email: "dinesh@gmail.com" },
   { userid: 3, name: "Anwar", email: "anwar@gmail.com" },
   { userid: 4, name: "Sabitha", email: "sabi@gmail.com" },
   { userid: 5, name: "Harini", email: "harini@gmail.com" }
])
```



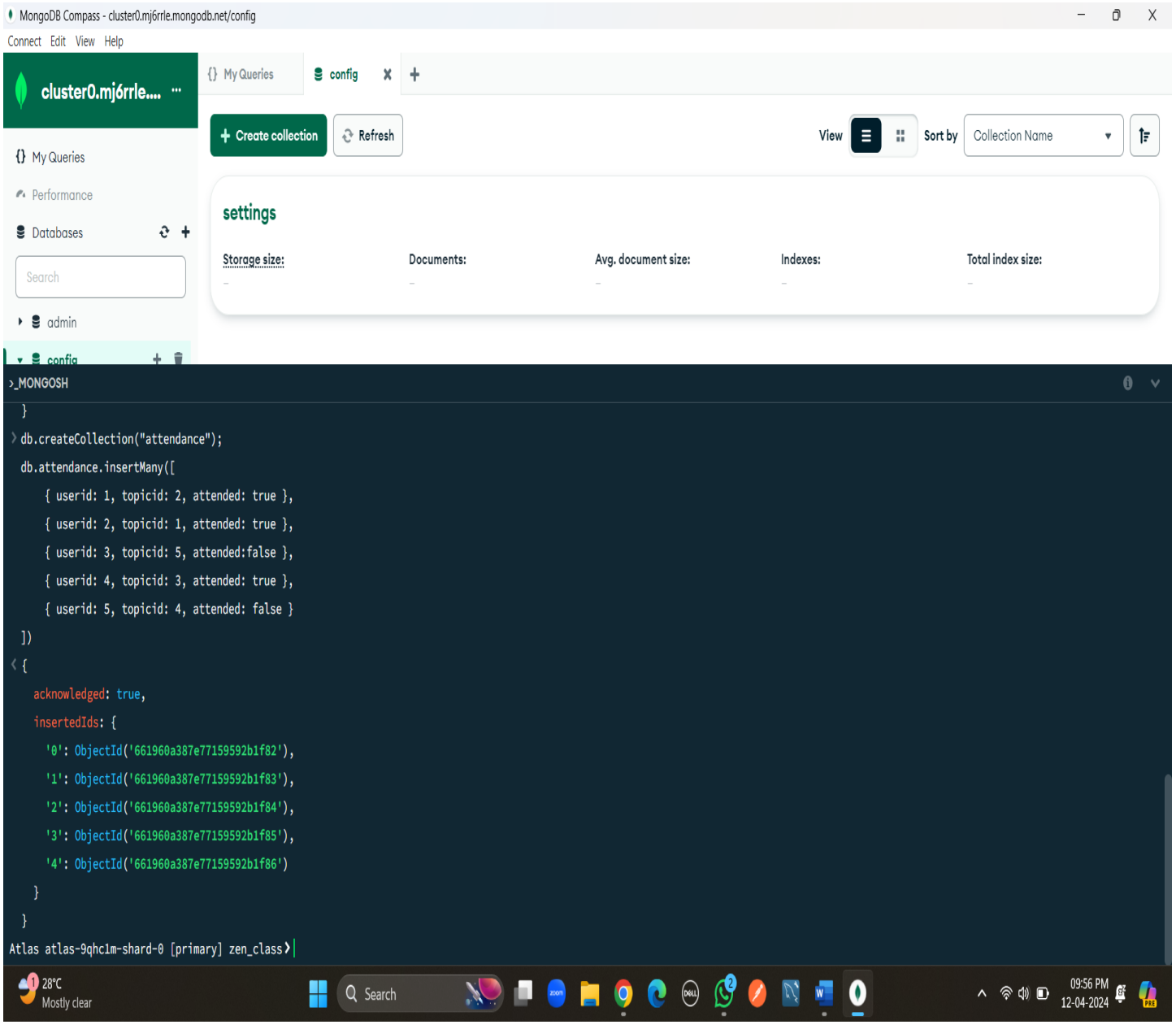
- Create collection and insert data – “CODEKATA” :

```
db.createCollection("codekata");
db.codekata.insertMany([
   { userid: 1, problems: 50 },
   { userid: 2, problems: 60 },
   { userid: 3, problems: 90 },
   { userid: 4, problems: 51 },
   { userid: 5, problems: 61 }
])
```



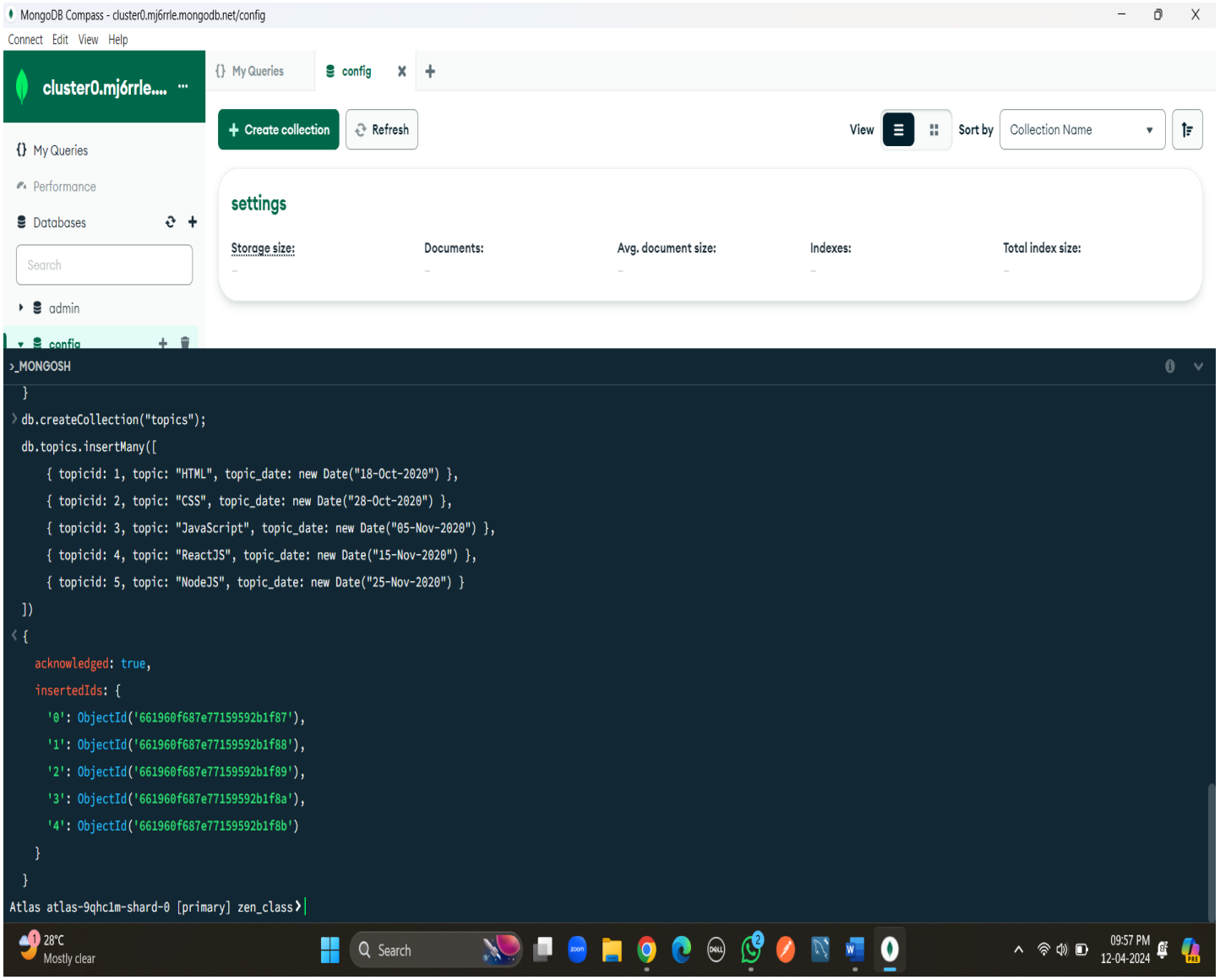
- Create collection and insert data – “ATTENDANCE” :

```
db.createCollection("attendance");
db.attendance.insertMany([
   { userid: 1, topicid: 2, attended: true },
   { userid: 2, topicid: 1, attended: true },
   { userid: 3, topicid: 5, attended:false },
   { userid: 4, topicid: 3, attended: true },
   { userid: 5, topicid: 4, attended: false }
])
```



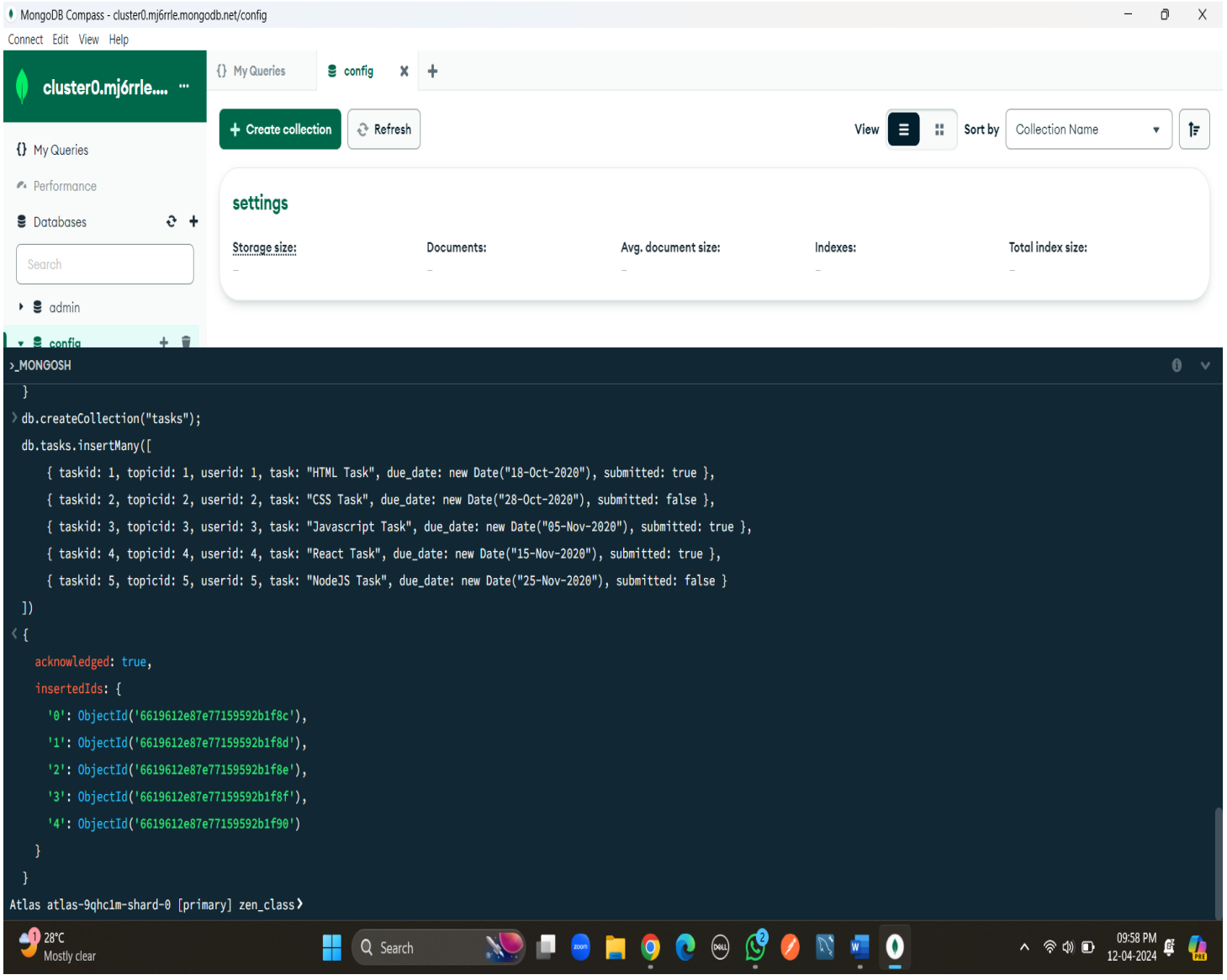
- Create collection and insert data – “TOPICS” :

```
db.createCollection("topics");
db.topics.insertMany([
   { topicid: 1, topic: "HTML", topic_date: new Date("18-Oct-2020") },
   { topicid: 2, topic: "CSS", topic_date: new Date("28-Oct-2020") },
   { topicid: 3, topic: "JavaScript", topic_date: new Date("05-Nov-2020") },
   { topicid: 4, topic: "ReactJS", topic_date: new Date("15-Nov-2020") },
   { topicid: 5, topic: "NodeJS", topic_date: new Date("25-Nov-2020") }
])
```



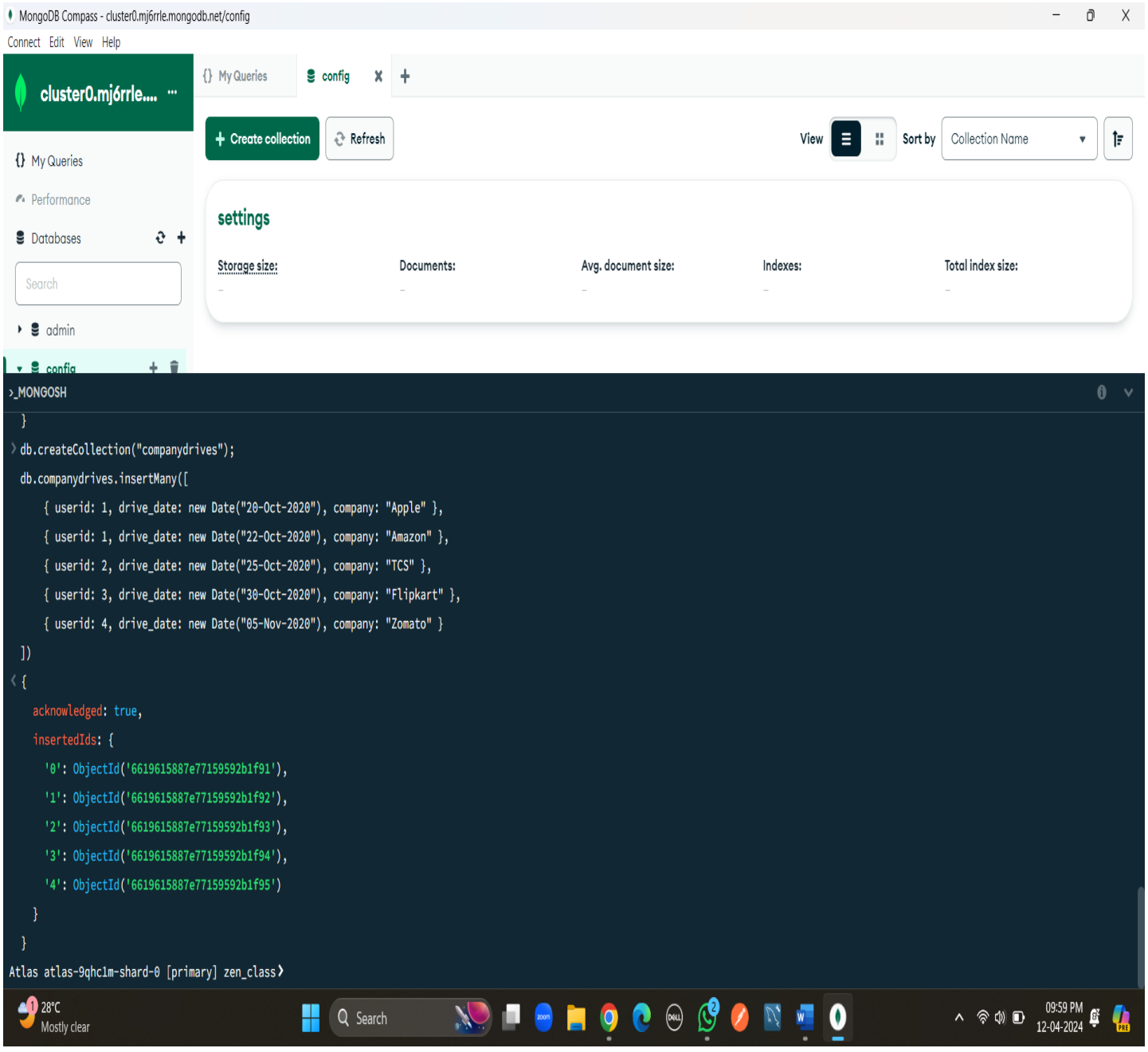
- Create collection and insert data – “TASKS” :

```
db.createCollection("tasks");
db.tasks.insertMany([
  { taskid: 1, topicid: 1, userid: 1, task: "HTML Task", due_date: new Date("18-Oct-2020"), submitted: true },
  { taskid: 2, topicid: 2, userid: 2, task: "CSS Task", due_date: new Date("28-Oct-2020"), submitted: false },
  { taskid: 3, topicid: 3, userid: 3, task: "Javascript Task", due_date: new Date("05-Nov-2020"), submitted: true },
  { taskid: 4, topicid: 4, userid: 4, task: "React Task", due_date: new Date("15-Nov-2020"), submitted: true },
  { taskid: 5, topicid: 5, userid: 5, task: "NodeJS Task", due_date: new Date("25-Nov-2020"), submitted: false }
])
```



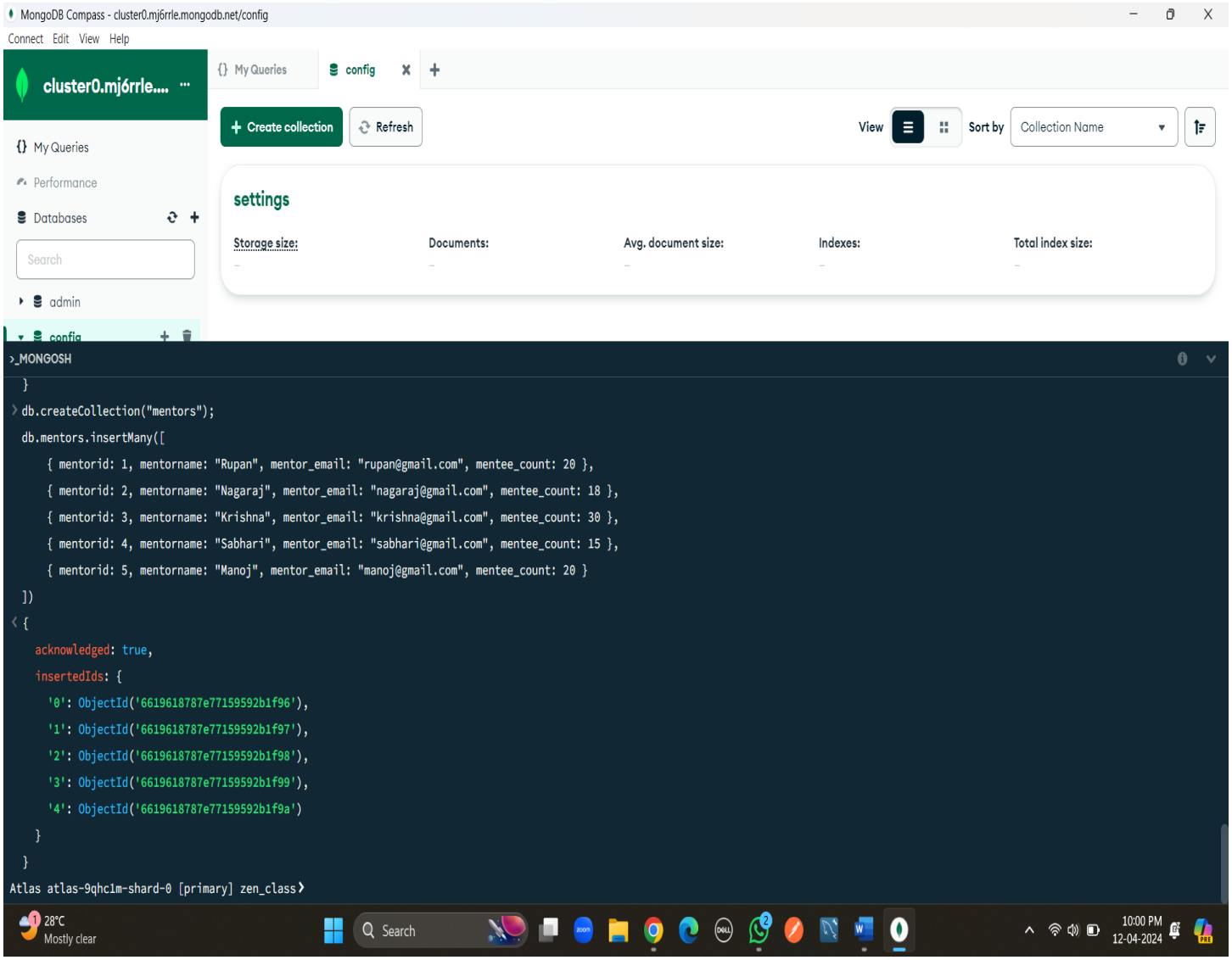
- Create collection and insert data – “COMPANY DRIVES” :

```
db.createCollection("companydrives");
db.companydrives.insertMany([
   { userid: 1, drive_date: new Date("20-Oct-2020"), company: "Apple" },
   { userid: 1, drive_date: new Date("22-Oct-2020"), company: "Amazon" },
   { userid: 2, drive_date: new Date("25-Oct-2020"), company: "TCS" },
   { userid: 3, drive_date: new Date("30-Oct-2020"), company: "Flipkart" },
   { userid: 4, drive_date: new Date("05-Nov-2020"), company: "Zomato" }
])
```



- Create collection and insert data – “MENTORS” :

```
db.createCollection("mentors");
db.mentors.insertMany([
   { mentorid: 1, mentorname: "Rupan", mentor_email: "rupan@gmail.com", mentee_count: 20 },
   { mentorid: 2, mentorname: "Nagaraj", mentor_email: "nagaraj@gmail.com", mentee_count: 18 },
   { mentorid: 3, mentorname: "Krishna", mentor_email: "krishna@gmail.com", mentee_count: 30 },
   { mentorid: 4, mentorname: "Sabhari", mentor_email: "sabhari@gmail.com", mentee_count: 15 },
   { mentorid: 5, mentorname: "Manoj", mentor_email: "manoj@gmail.com", mentee_count: 20 }
])
```



CREATED DATABASE