

Name: SHAIK ANWAR BASHA

Rollno: 208x1a4237

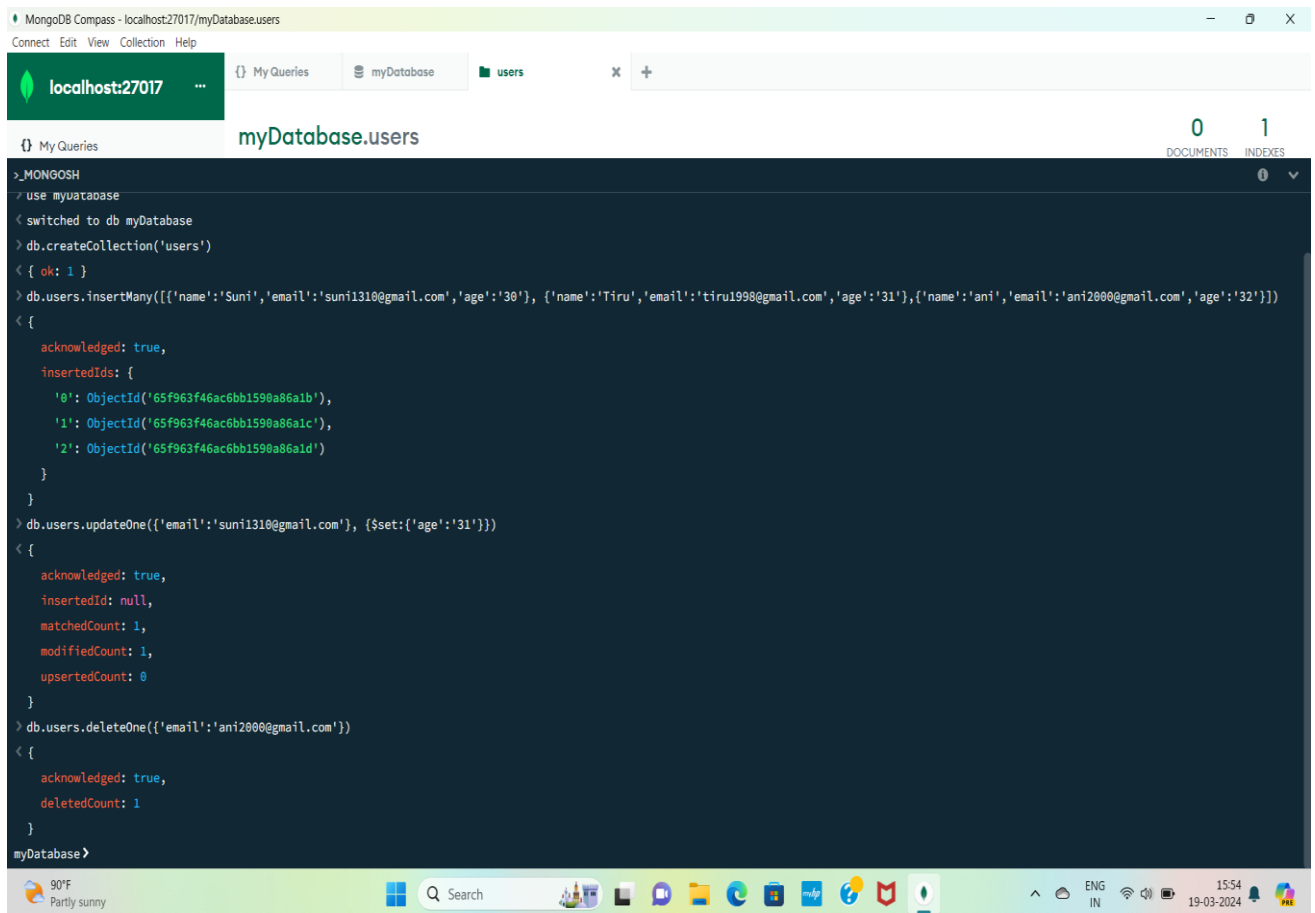
College name: Kallam Haranadhareddy Institute of Technology

Email [208x1a4237@khitguntur.ac.in](mailto:208x1a4237@khitguntur.ac.in)

Phoneno: 9398317974

Theme : Usage of MongoDB

## Creating a Database using MongoDB and Mongosh

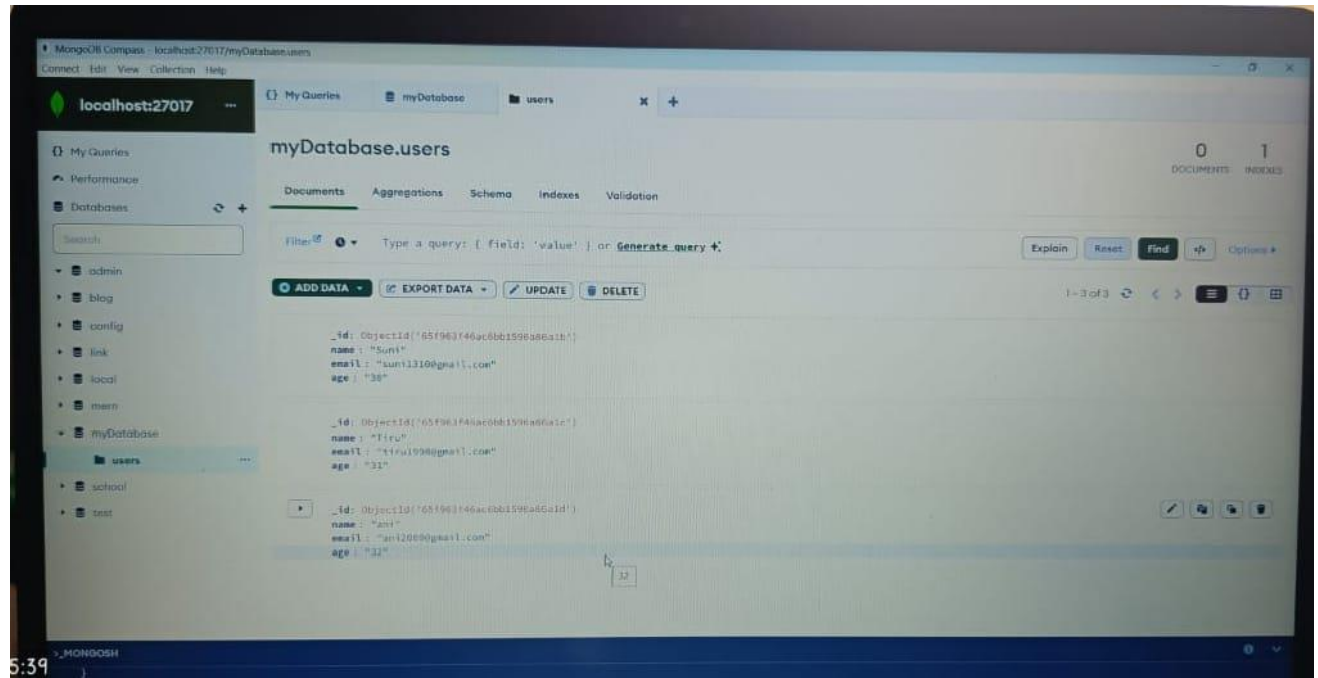


The screenshot displays the MongoDB Compass interface at the top, showing a connection to 'localhost:27017' and a database named 'myDatabase'. Below the interface, a terminal window shows the following commands and their outputs:

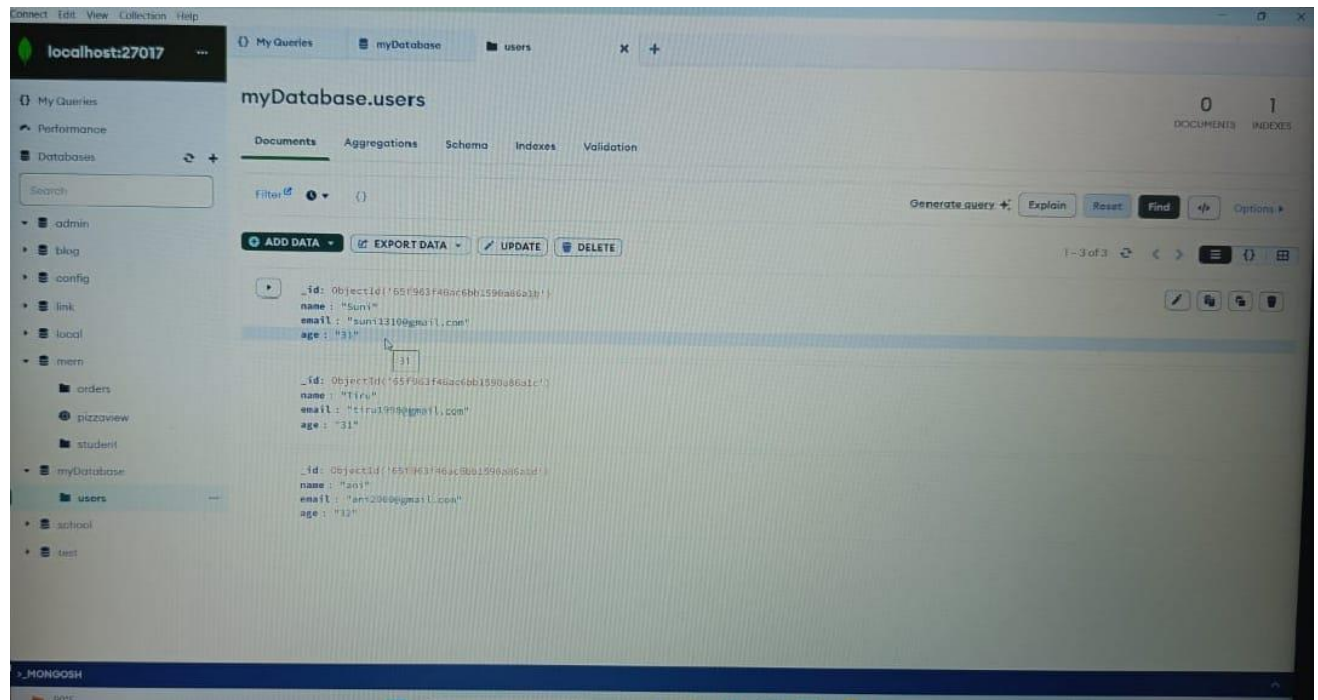
```
> MONGOSH
> use myDatabase
< switched to db myDatabase
> db.createCollection('users')
< { ok: 1 }
> db.users.insertMany([{'name': 'Suni', 'email': 'suni1310@gmail.com', 'age': '30'}, {'name': 'Tiru', 'email': 'tiru1998@gmail.com', 'age': '31'}, {'name': 'ani', 'email': 'ani2000@gmail.com', 'age': '32'}])
< {
  acknowledged: true,
  insertedIds: {
    '0': ObjectId('65f963f46ac6bb1598a86a1b'),
    '1': ObjectId('65f963f46ac6bb1598a86a1c'),
    '2': ObjectId('65f963f46ac6bb1598a86a1d')
  }
}
> db.users.updateOne({'email': 'suni1310@gmail.com'}, {'$set': {'age': '31'}})
< {
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
> db.users.deleteOne({'email': 'ani2000@gmail.com'})
< {
  acknowledged: true,
  deletedCount: 1
}
myDatabase
```

The terminal output shows the successful creation of the 'users' collection, the insertion of three documents, the update of the 'Suni' document's age to 31, and the deletion of the 'ani' document.

## Document insertion



## Update and deletion operation



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myDatabase

users

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myDatabase.users

DocumentsAggregationsSchemaIndexesValidation

filter ⓘ ⓘ {}

Generate query +

ADD DATA

EXPORT DATA

UPDATE

DELETE

\_id: ObjectId('65f963f46ac6bb1590a86a1b')

name: "Suni"

email: "suni1318@gmail.com"

age: "31"

\_id: ObjectId('65f962f46ac6bb1590a86a1c')

name: "Tiru"

email: "tiru1998@gmail.com"

age: "31"

# Index creation

