# ASSIGNMENT 3- A simple RESTFUL API using React.js, Database Creation, and Creating Index

Name: Nidamanuri Venkata Poojitha

Roll no: 20NN1A1244

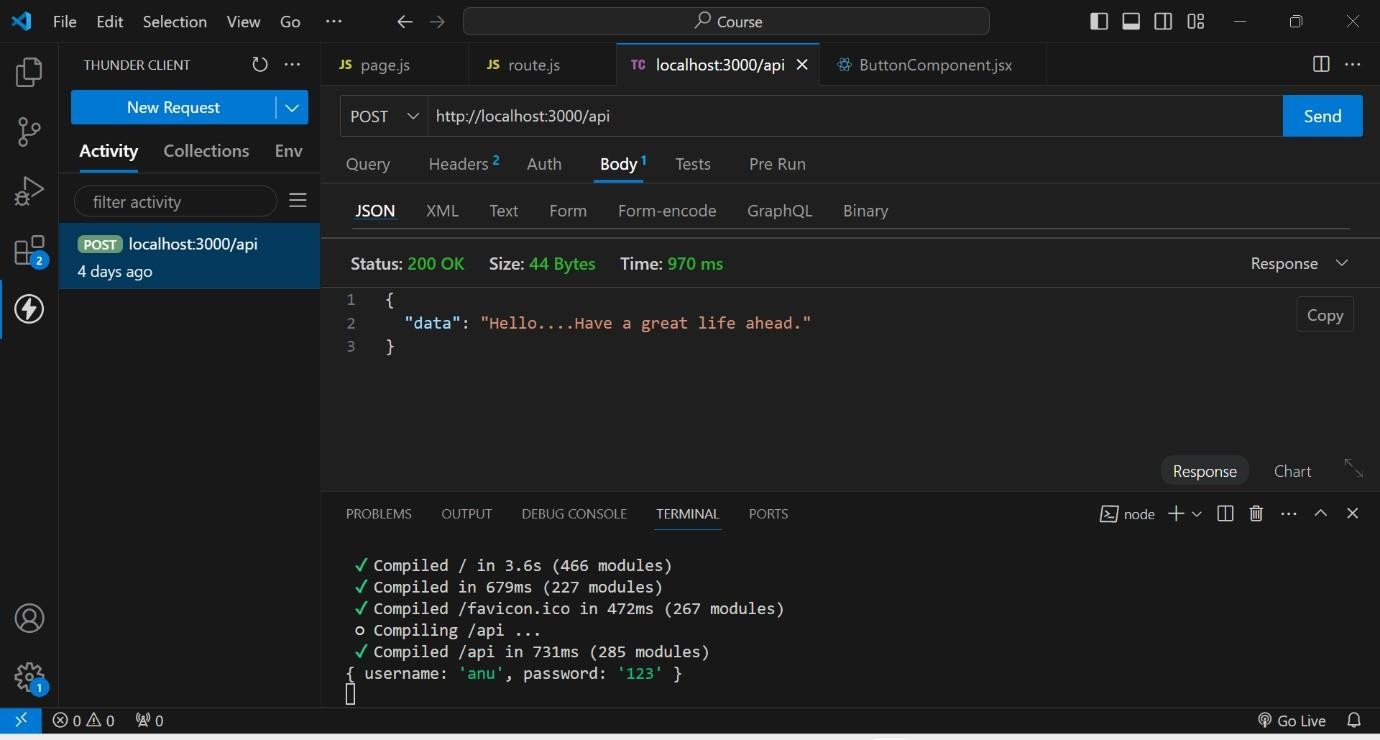
# E-Mail: [nidamanuri.poojitha@gmail.com](mailto:nidamanuri.poojitha@gmail.com)

College: Vignan’s Nirula Institute of Science and Technology for Women

# Restful API code

**Rest Output on Thunder Client**

**This is the output when we create an API using REST.**

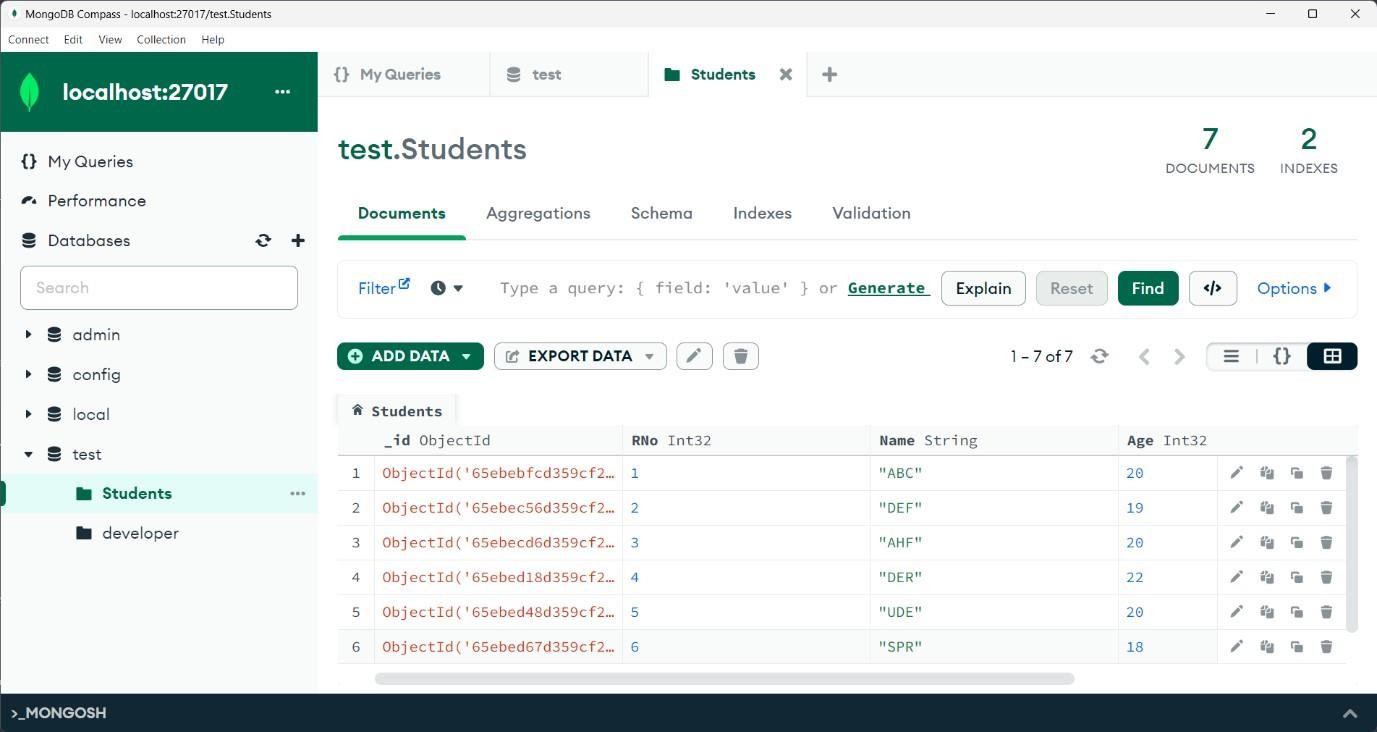


# DataBase Creation

1st we created a database named test

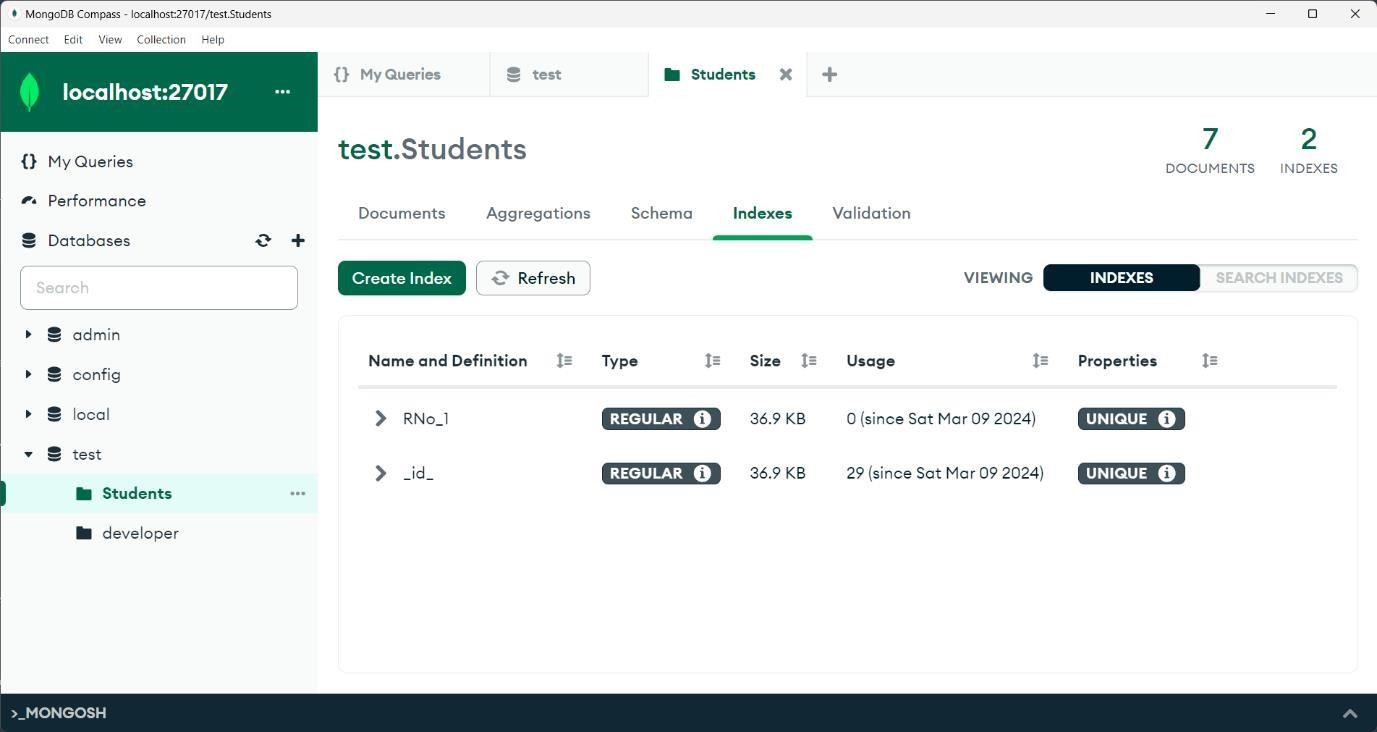
In that test we created a collection named Students

And finally by using ADD DATA , we added data of the students like rno, name, age.

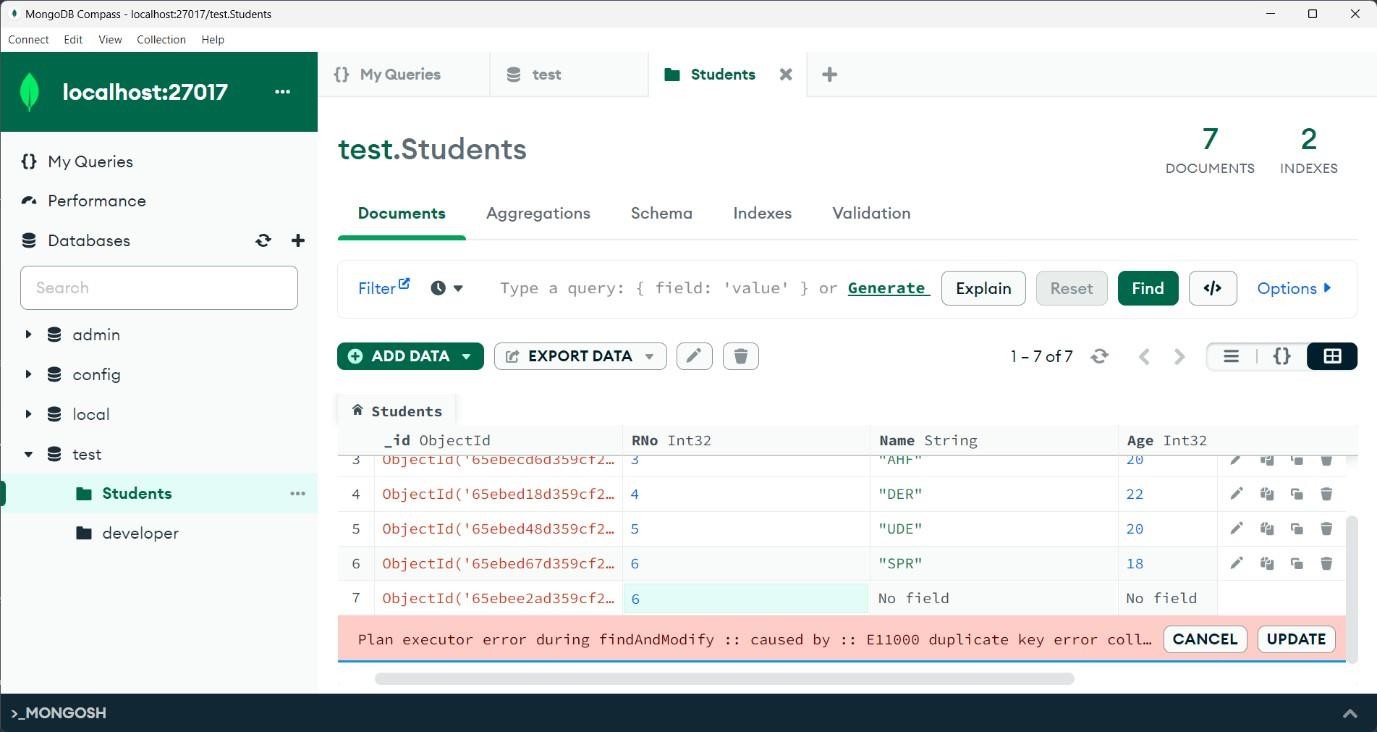


# Indexing Creation

As rno is the unique attribute through which we identify a student uniquely. So, here I created an index based on Rno. And assigned unique key to it.



# Indexing usage

As we gave Rno as unique, if we try to insert a duplicate document that is existed it shows an error like. Duplicate collection.