

College: Vignan's nirula institute of technology and science for women's

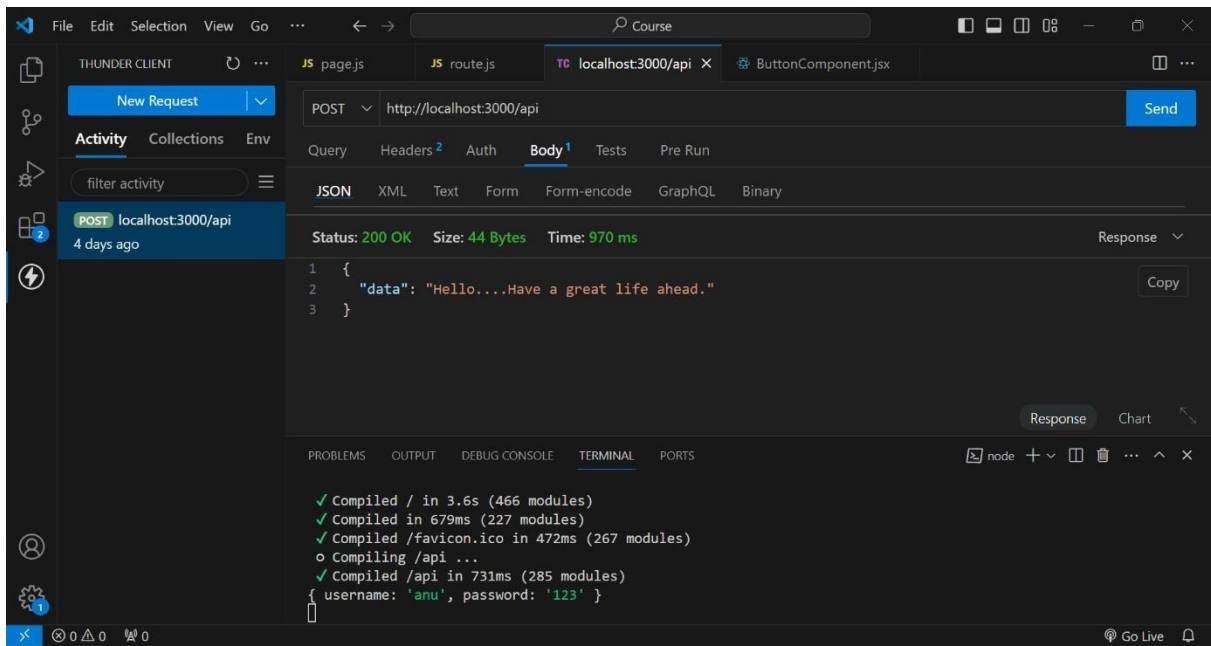
Restful API code

The screenshot shows the VS Code interface with the following details:

- File Explorer (Left):** Displays the project structure. The file `JS route.js` is selected under the `api` directory.
- Editor (Center):** Shows the content of `JS route.js`. The code defines a `POST` endpoint that returns a JSON response with a message.
- Terminal (Bottom):** Shows the output of running `npm run dev`. The output indicates that the application was compiled successfully and is running on `localhost:3000`.

Rest Output on Thunder Client

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

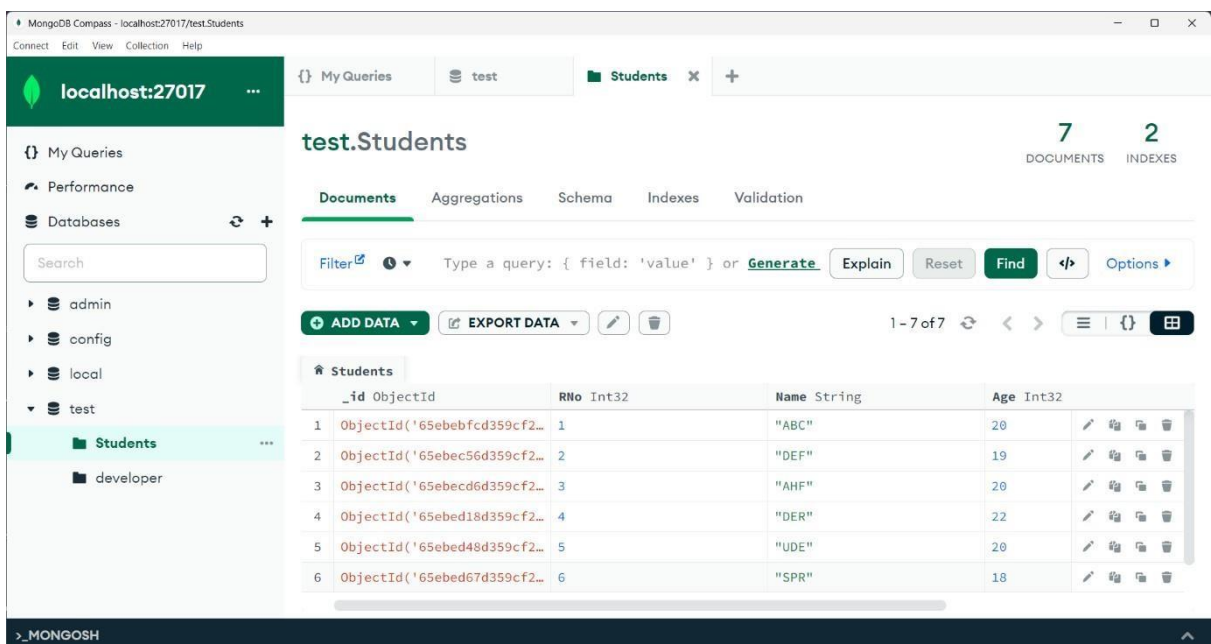


DataBase Creation

1st we created a database named test

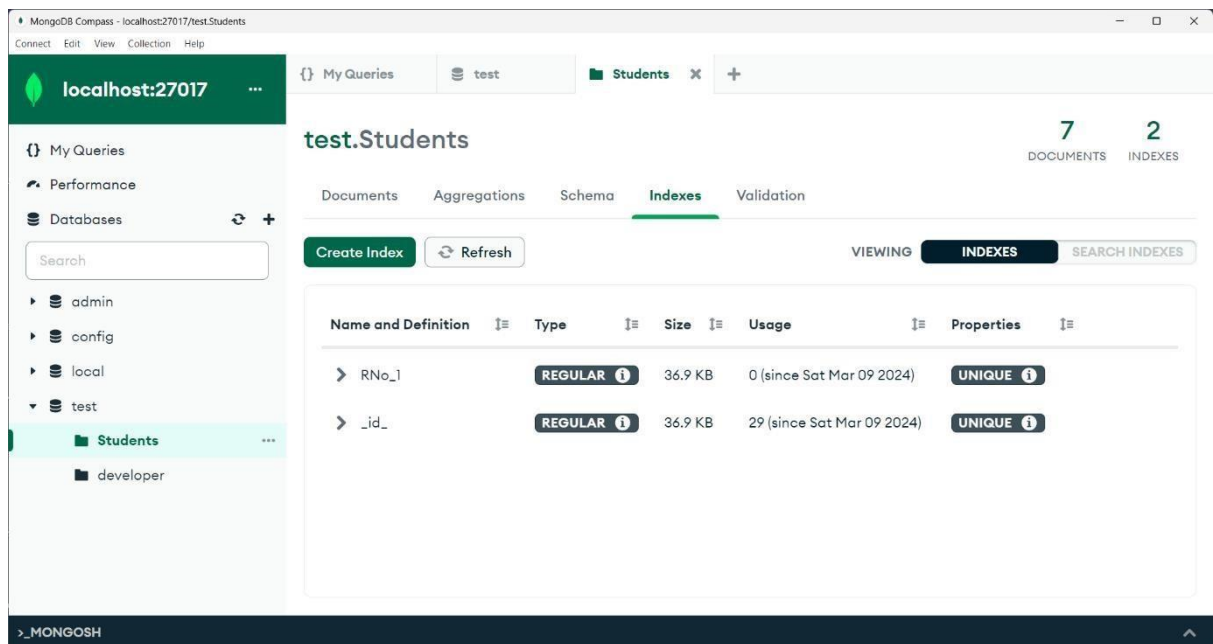
In that test we created a collection named Students

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.

