

ASSIGNMENT-3

A simple RESTFUL API using React.js, Database Creation, and Creating Index

RestFul API code

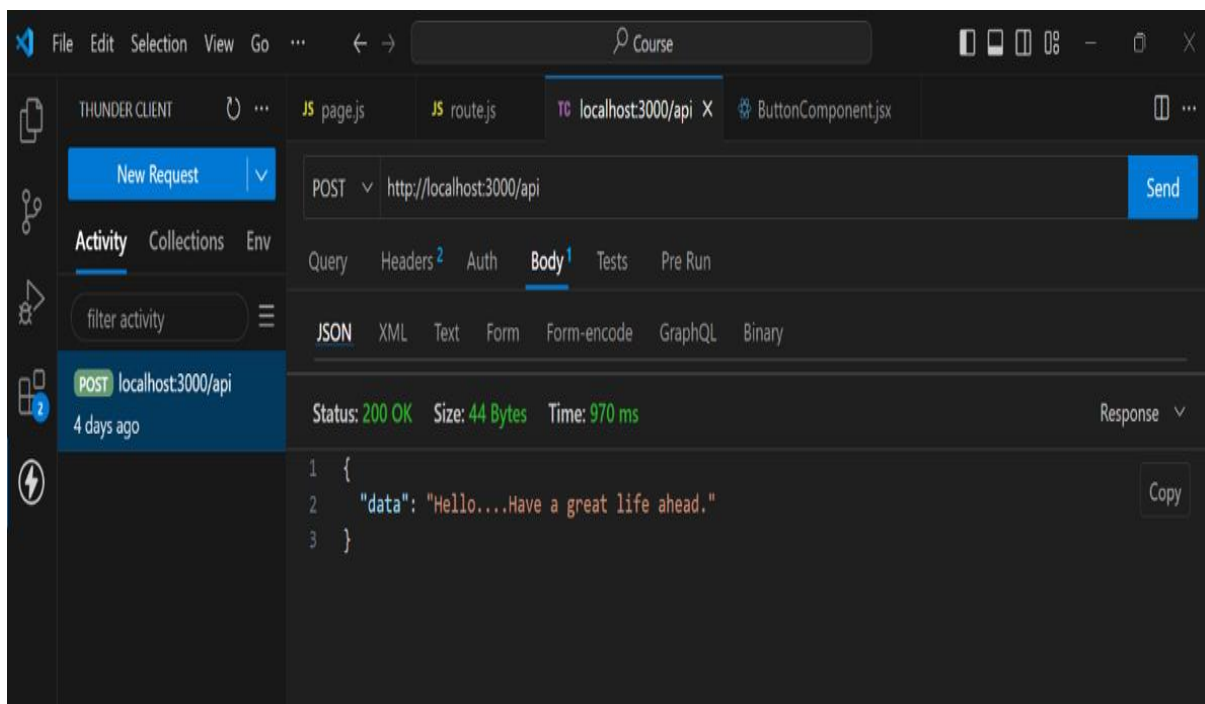
Route.js

```
import { NextResponse } from "next/server";

export async function POST(request)
{
  const data=await request.json()
  console.log(data)
  return NextResponse.json({
    data: "Hello....Have a great life ahead."
  })
}
```

Rest Output on ThunderClient

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

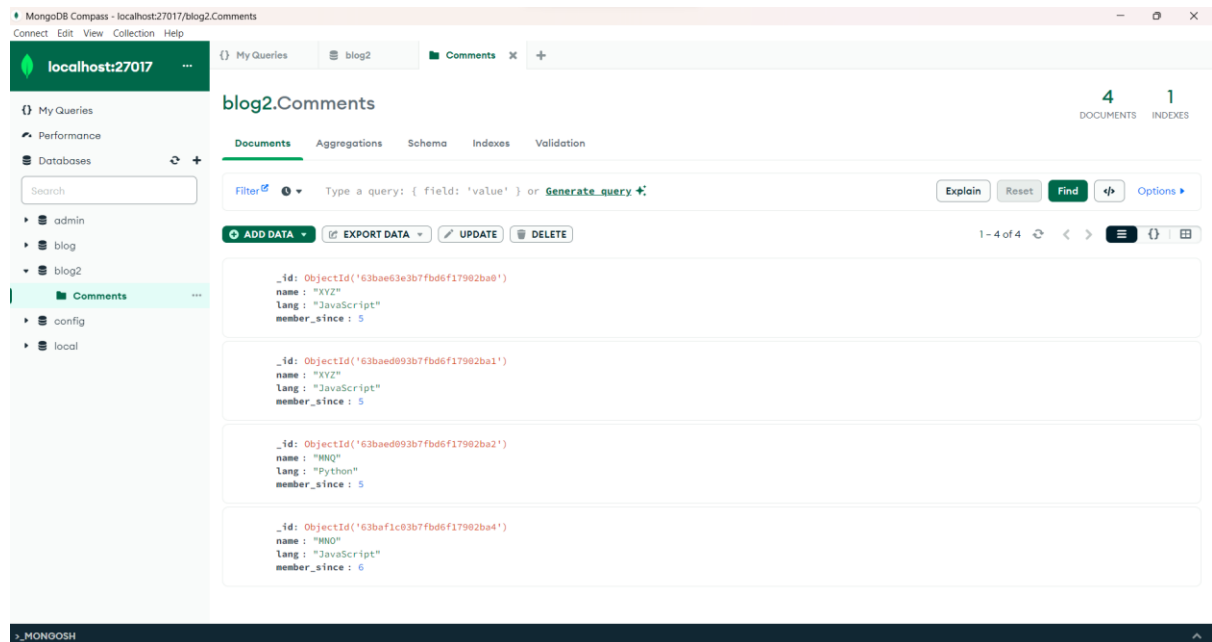


DataBase Creation by using MONGO DB

1st we created a database named blog2

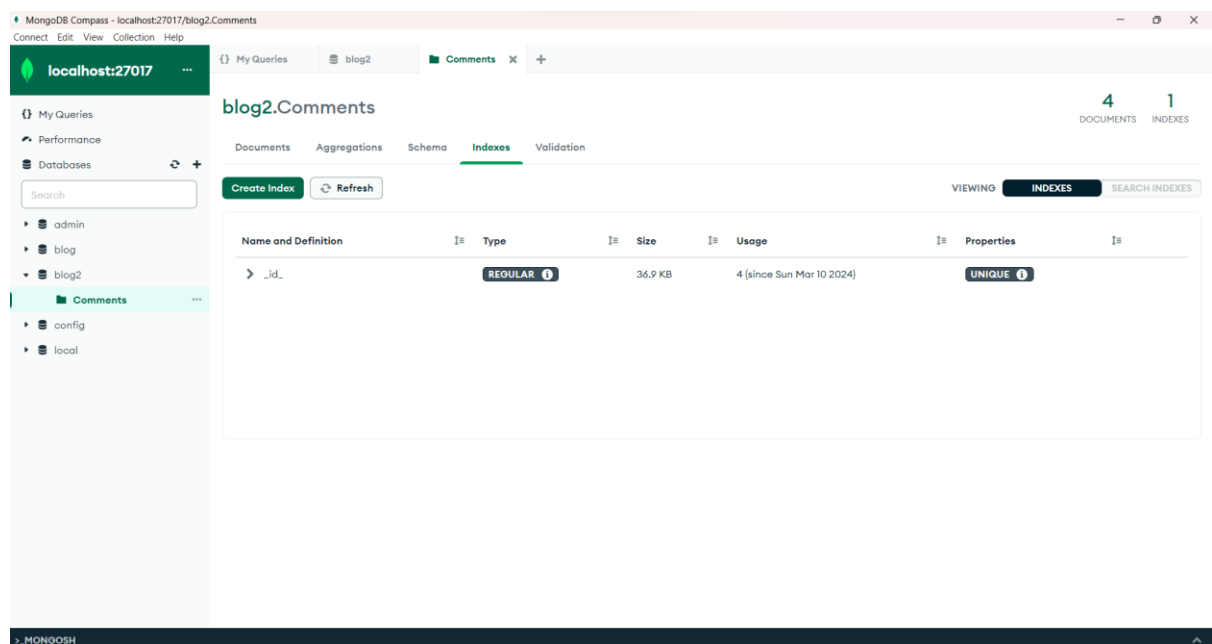
In that blog2 we created a collection named Comments

And finally by using ADD DATA , we added data of the comments like name, lang, and member_since.



Indexing Creation

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



Indexing usage

If we give the columns in non-sequence while adding the data in the database. It will create an error like shown in below picture.

