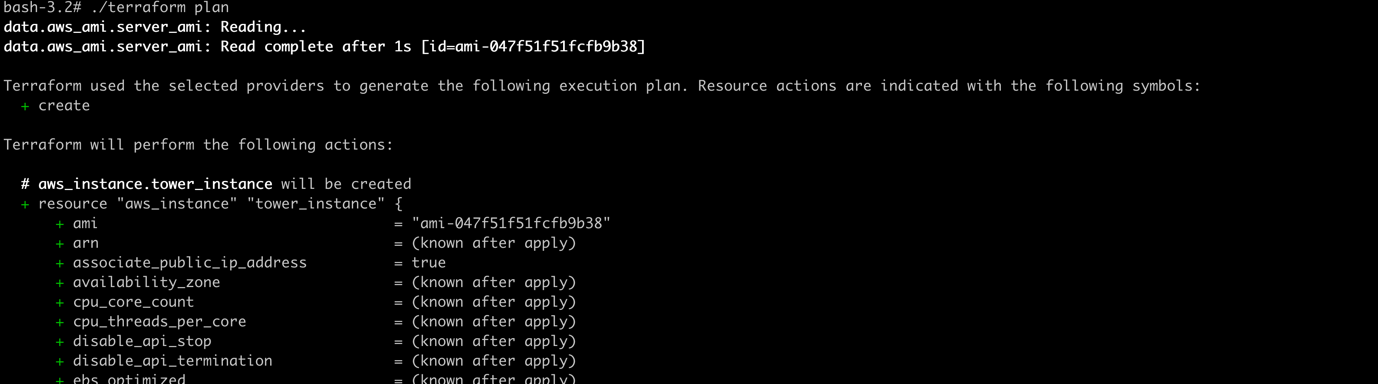
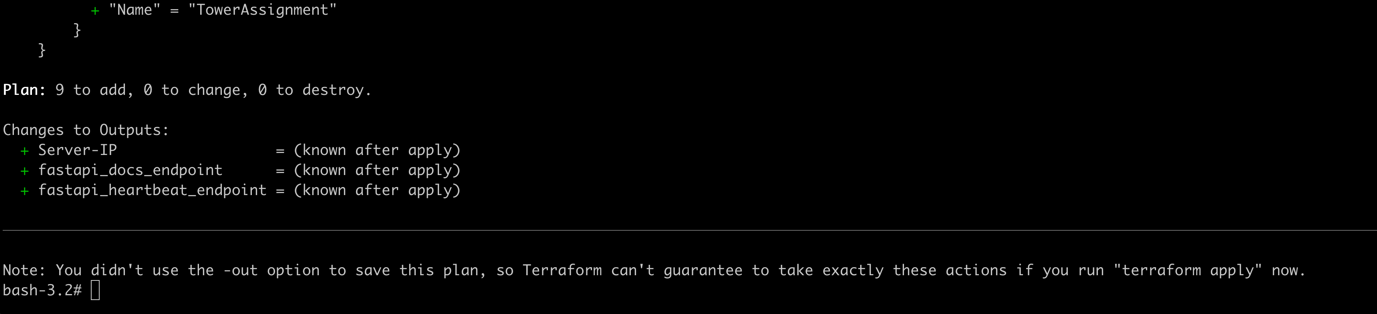
Clone the git@github.com:shajivmasters/Assignment.git and do a terrform init



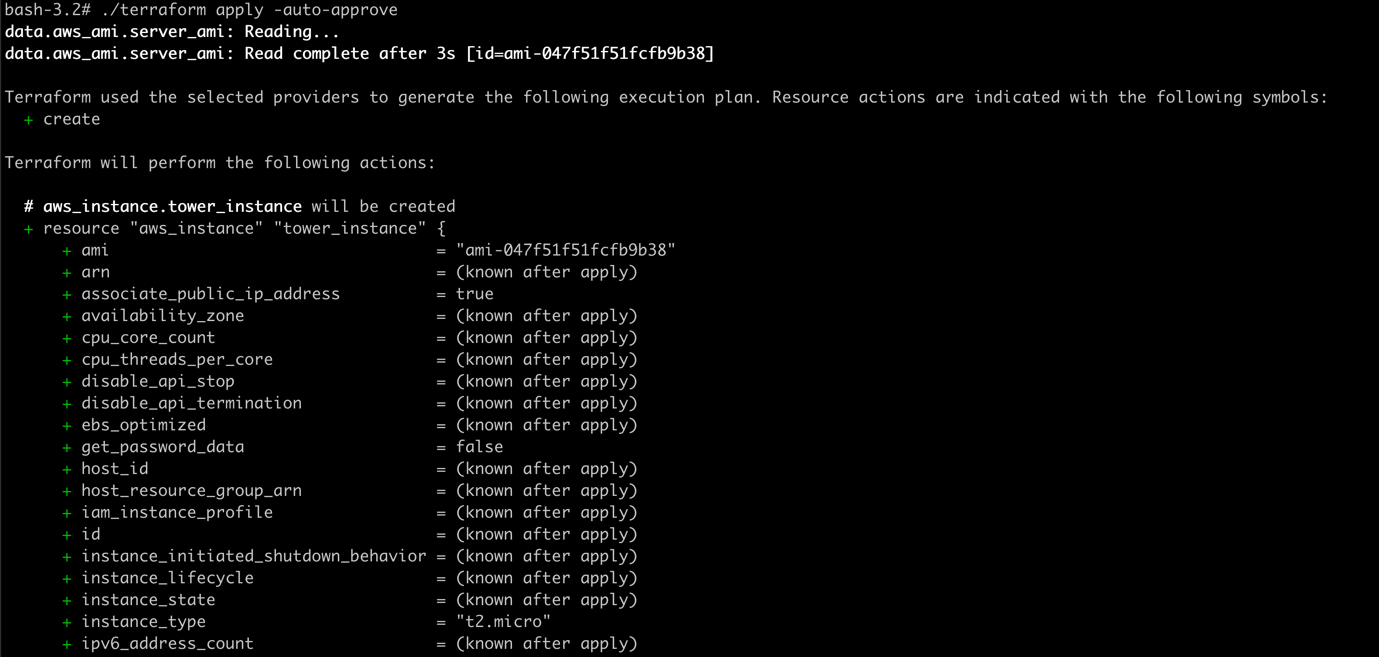
Doing a terraform plan



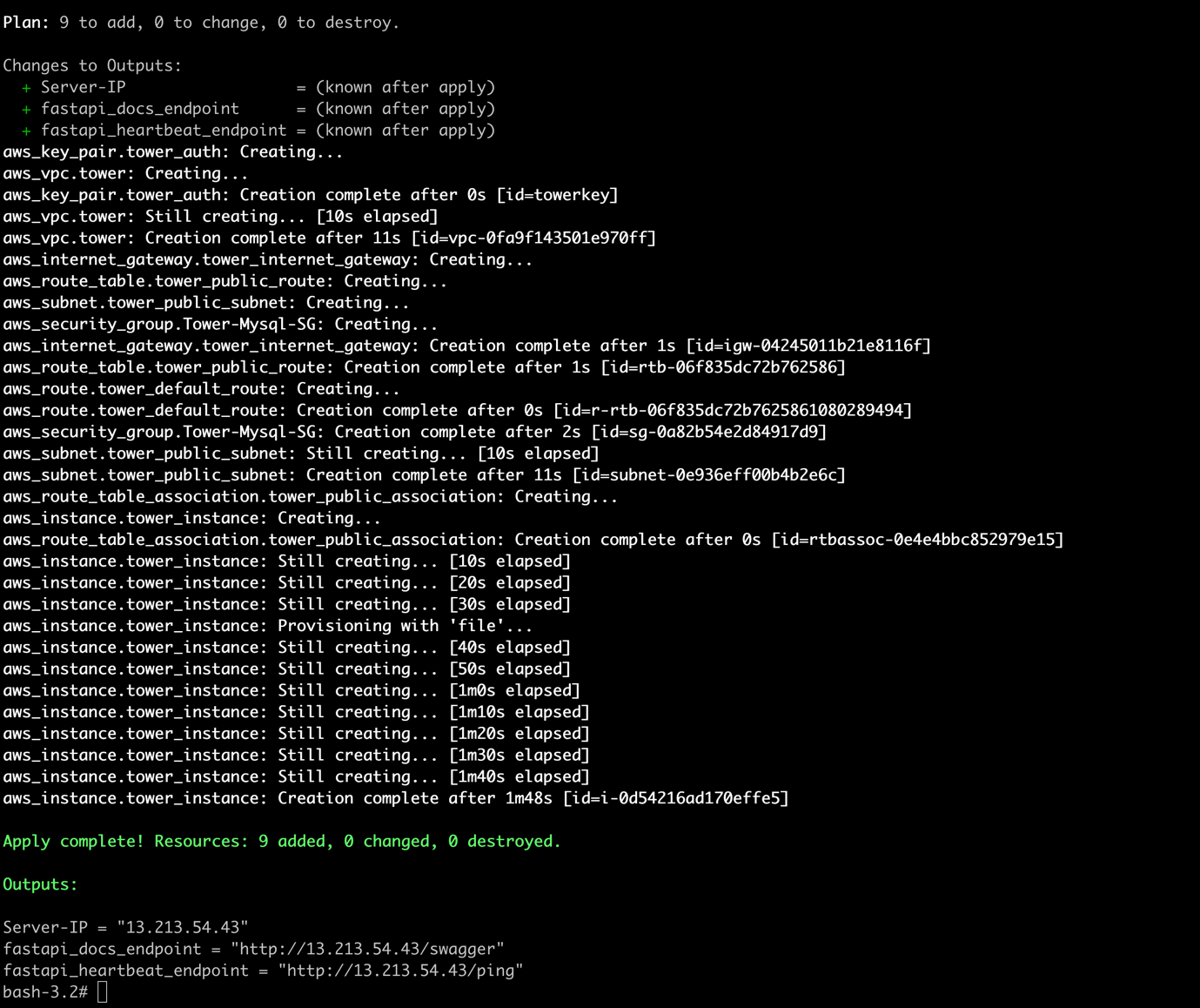
…..



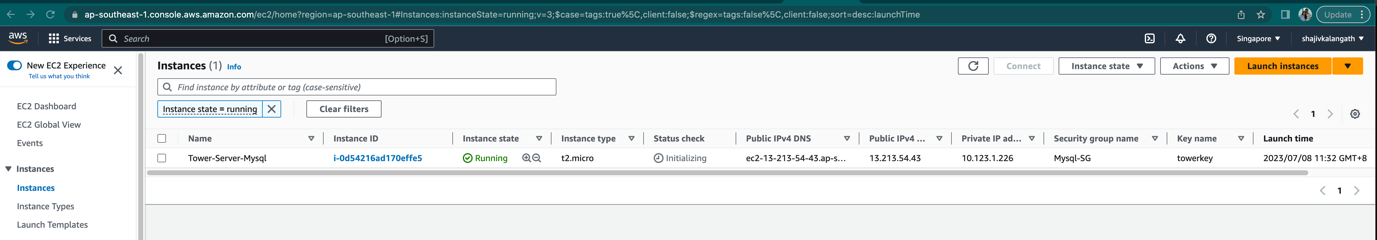
Doing a terraform apply

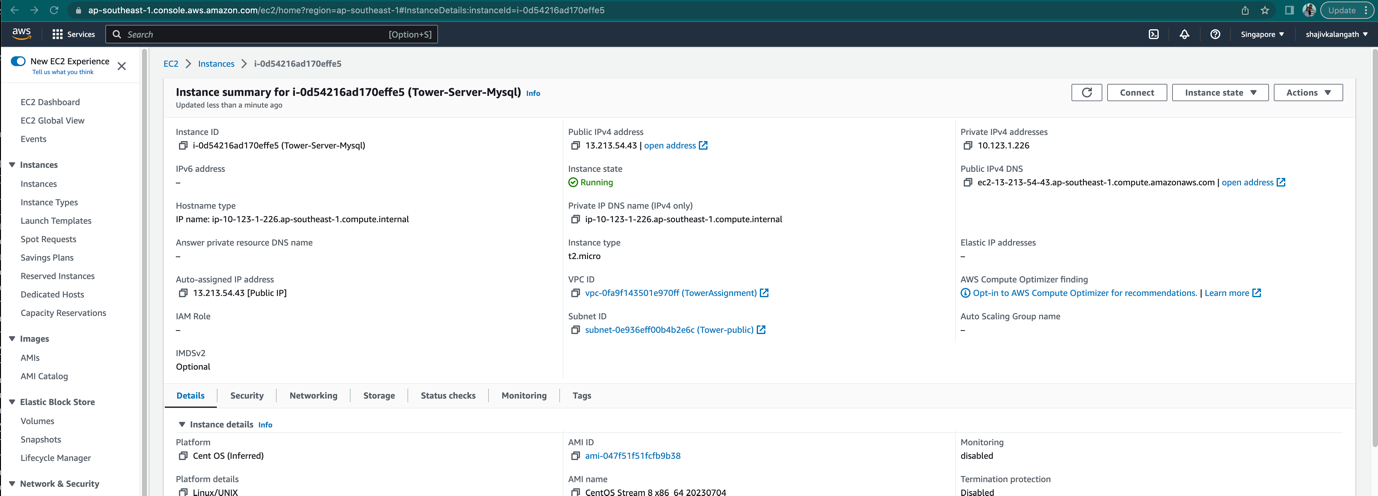


…

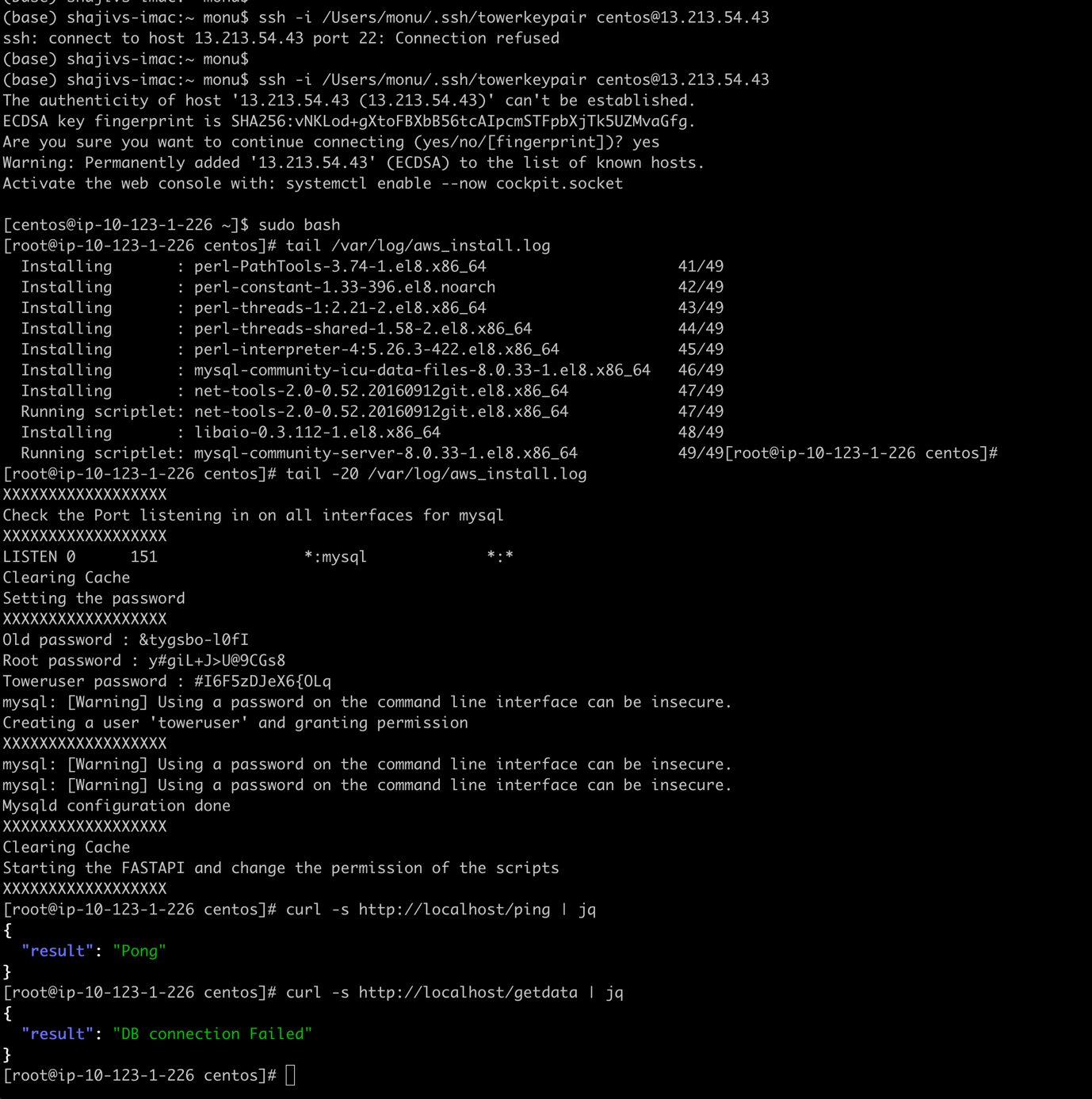


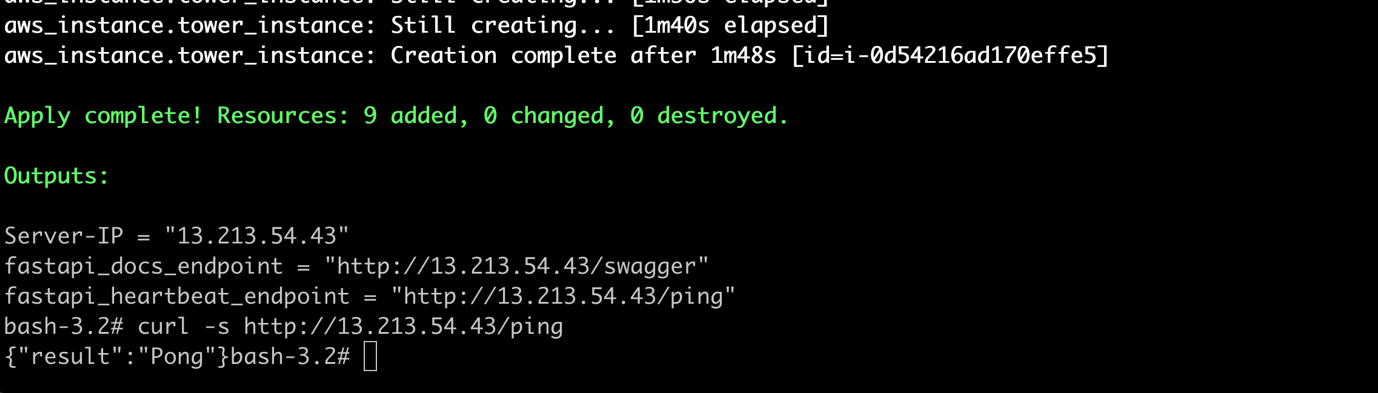
You can see that the above give the information of the EC2 instance and FasrAPI end point





Wait for 3 to 5 minutes to login . We also test before configuring the DB and it give the error





You can see that it is publically accessible

A screenshot of a computer

Description automatically generated

You can see the ping pong reply as a heartbeat

A screenshot of a computer

Description automatically generated

As you can see we are making the script to configure the DB .You cansee the interface are configured and updted hthe mysql

A screenshot of a computer program

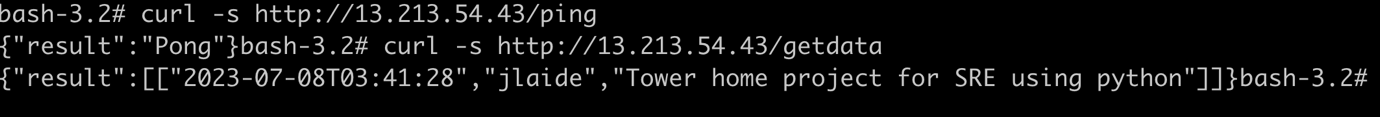
Description automatically generated

You can see that bootstrap the DB with the required information

A computer screen shot of a program

Description automatically generated

You can access publicly as well

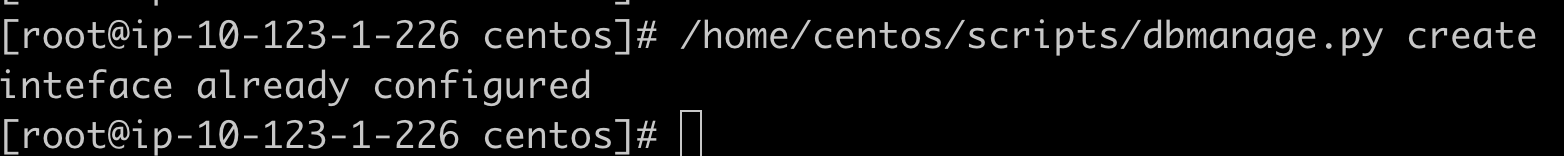


You can use throuh swagger to test as well

A screenshot of a computer

Description automatically generated

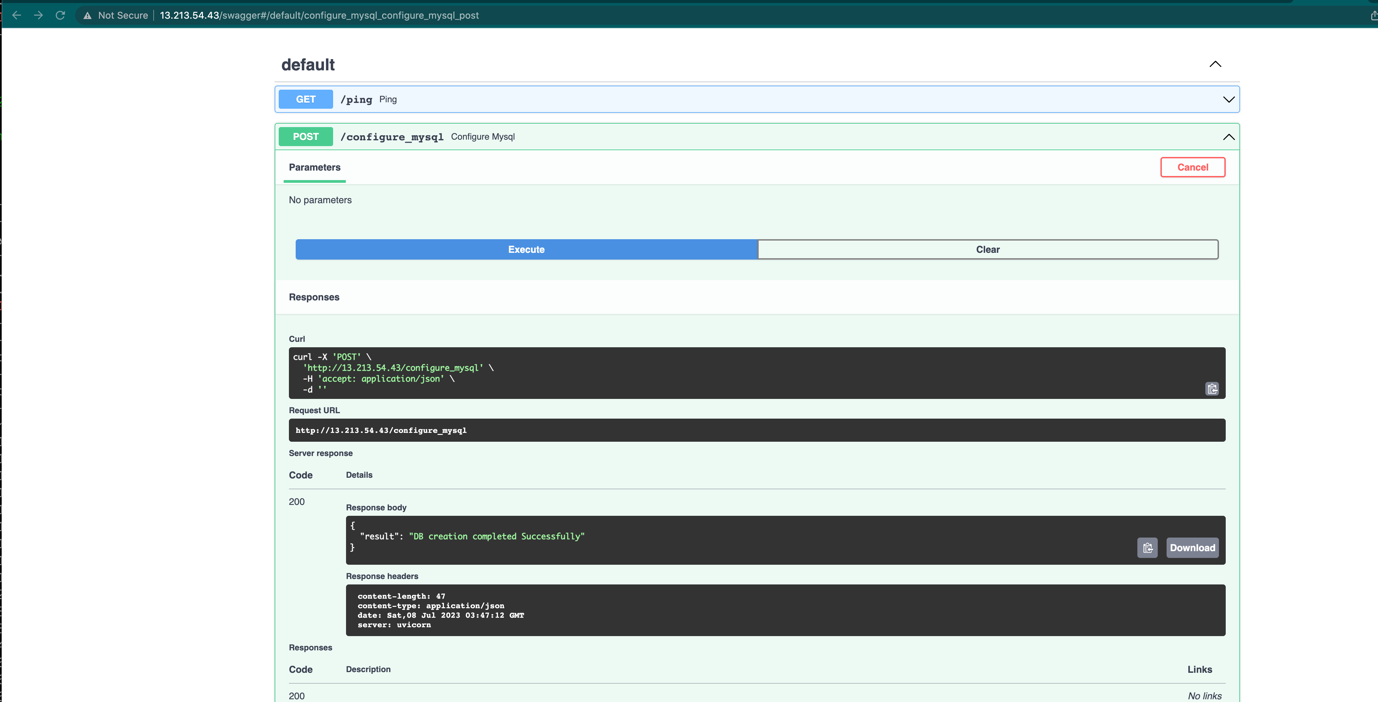
If you run this again and if the DB is already configured it will not mess up it just comes out also you can see the /var/log/fastapi.log for some debugging



A screenshot of a computer screen

Description automatically generated

Configuring using Swagger UI



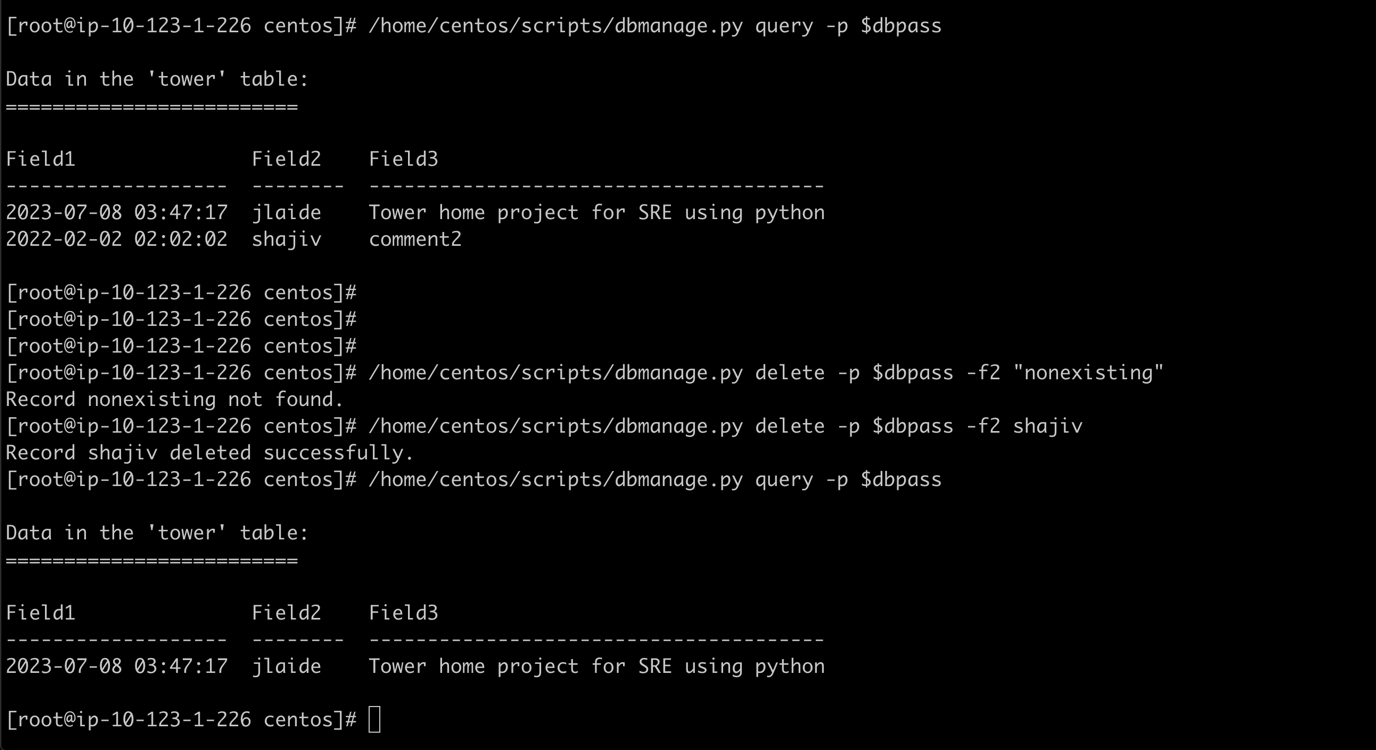
A computer screen with white text

Description automatically generated

Using the /home/centos/dbmanage.py to query/update/insert and delete the data

A screenshot of a computer

Description automatically generated



Using the Swagger UI to do the same

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

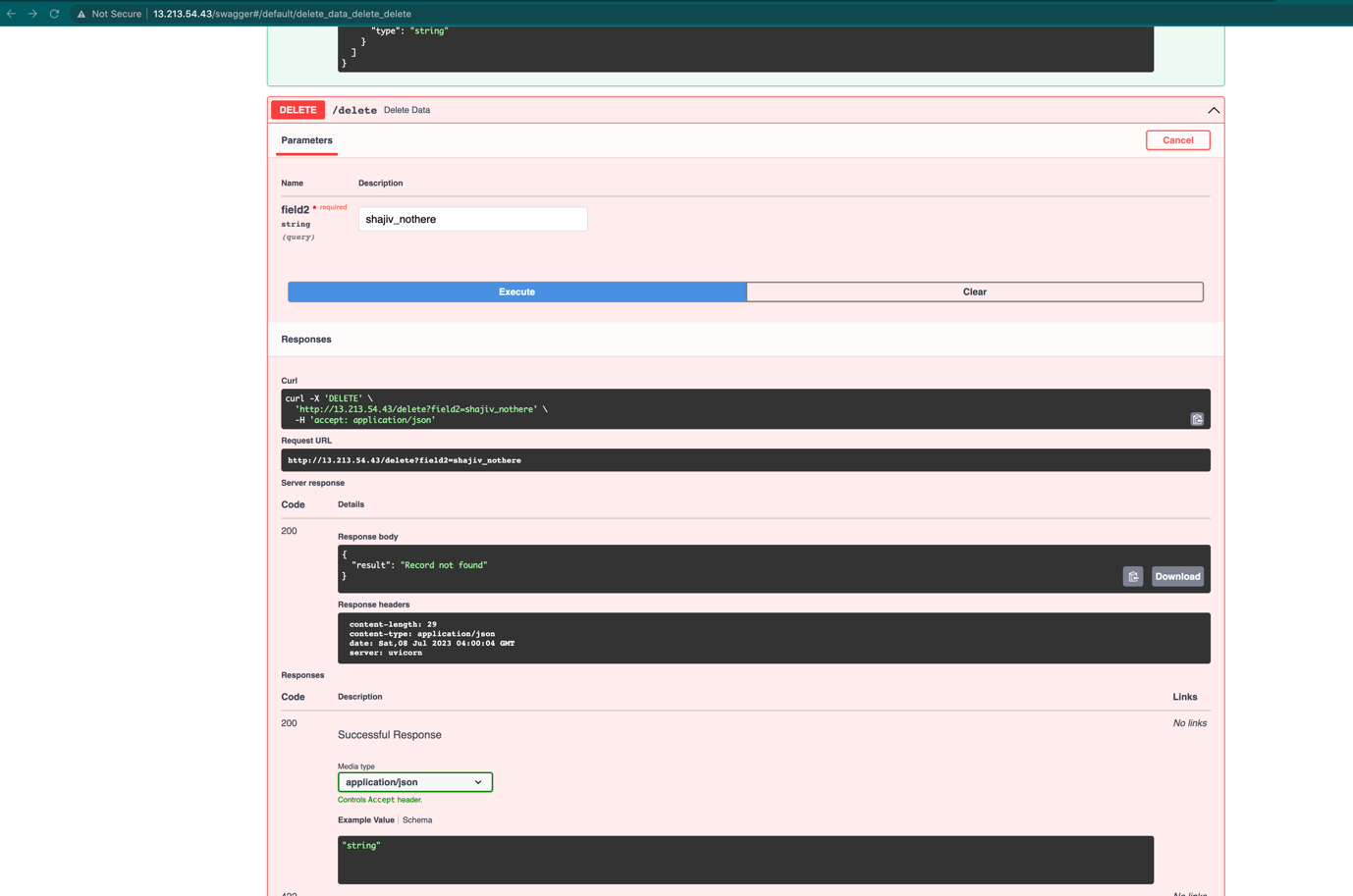
Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated



A screenshot of a computer

Description automatically generated

Using the CURL command to achive the same

A screenshot of a computer program

Description automatically generated

A computer screen with green text

Description automatically generated