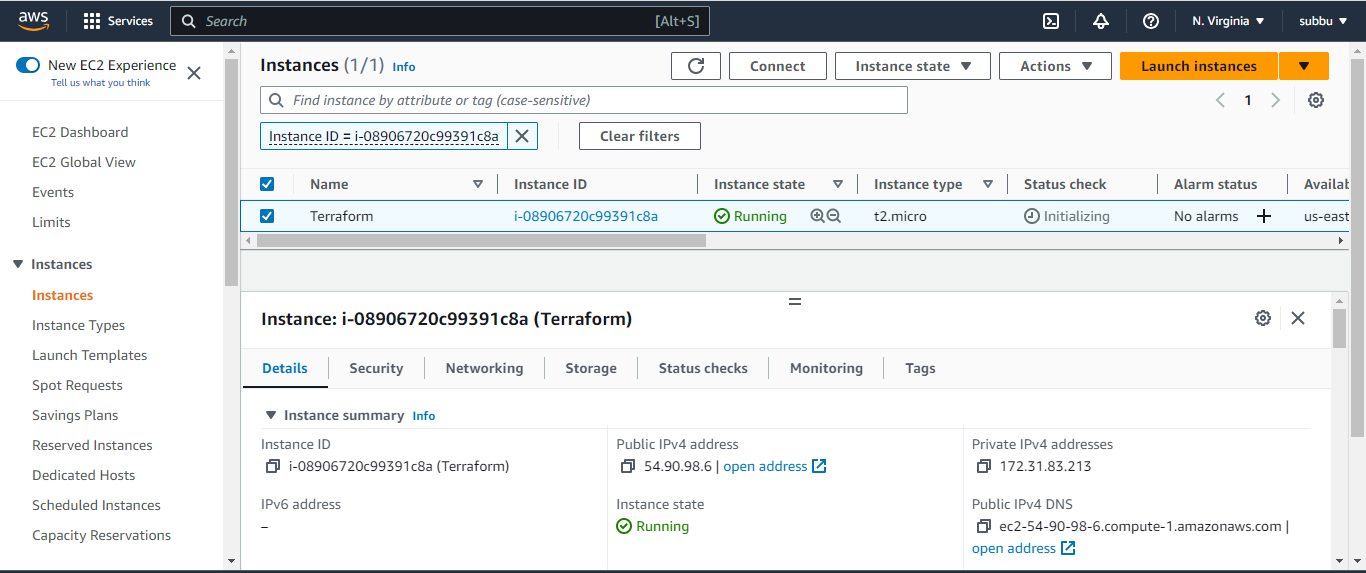
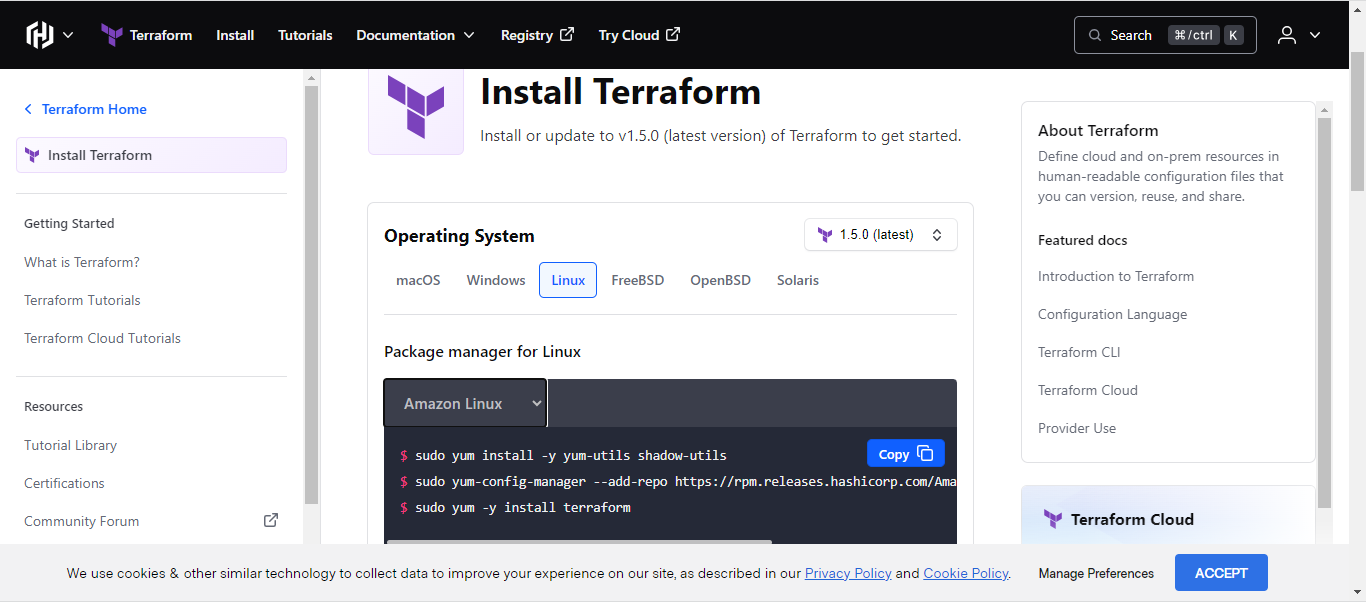
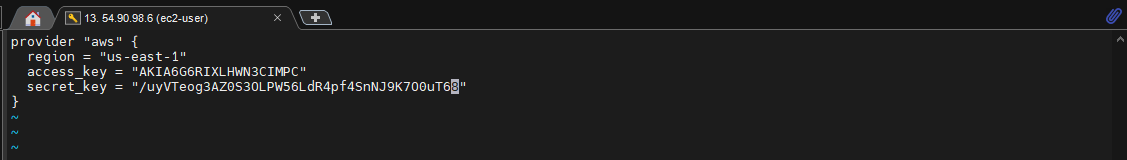
* Create a instance and install Terraform in that instance

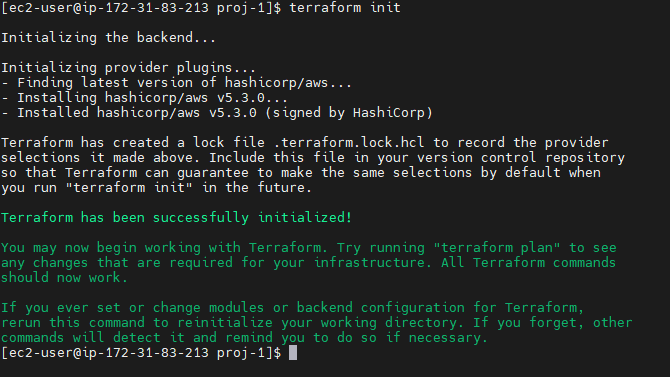


* Download Terraform and install in linux



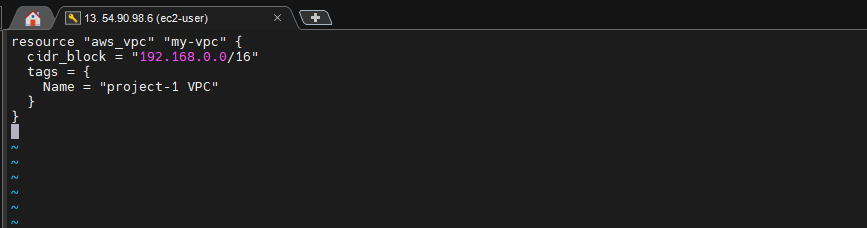
* Creating provider.tf and use terraform init (it will create terraform directory )



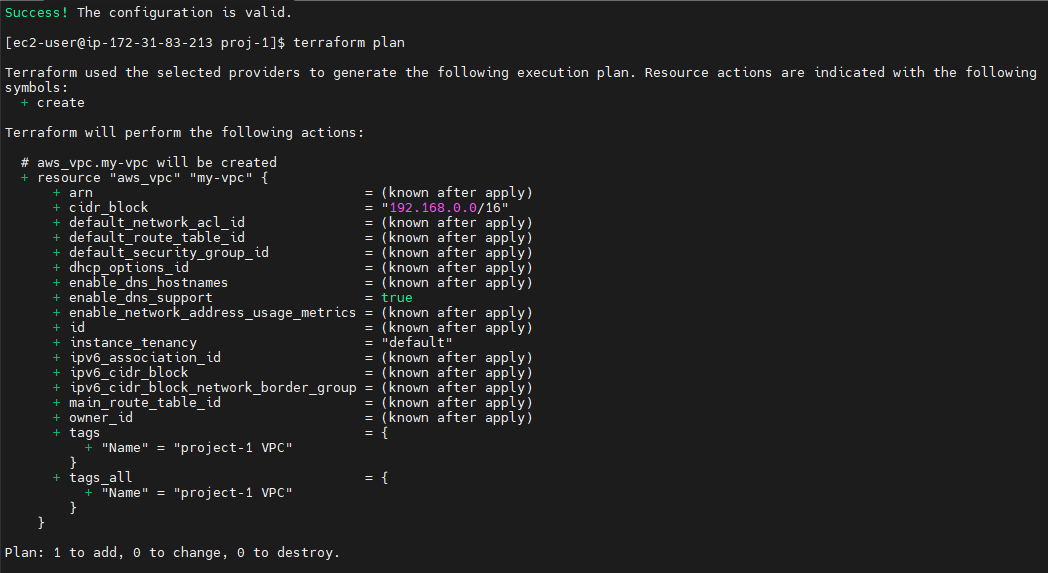


Task – 2:

* Create a vpc.tf and write script for vpc creation



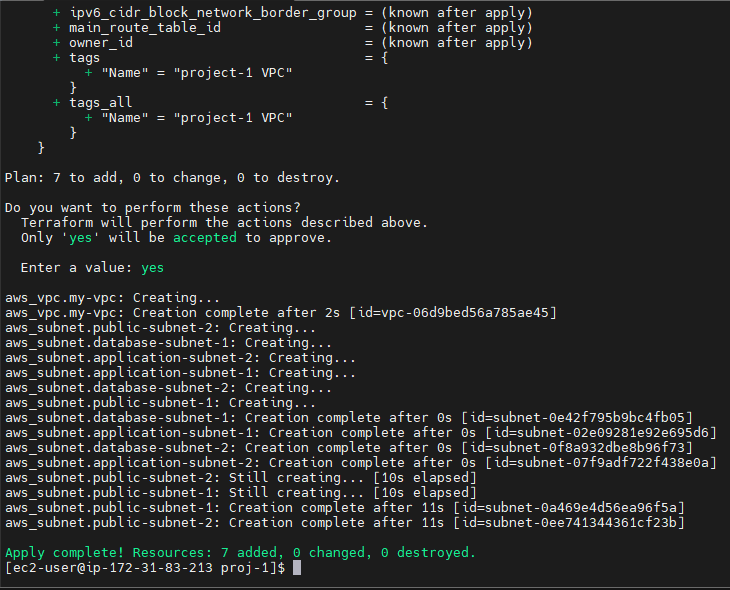
* After creating the vpc file go for terraform validate and terraform plan to check whether the resource is building or not.



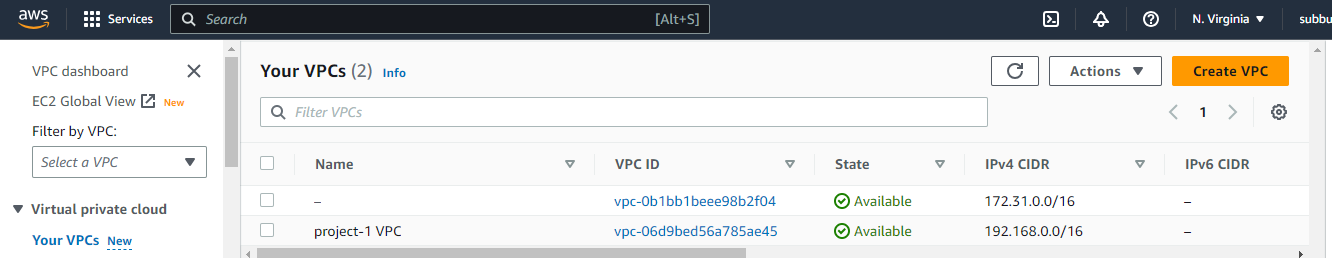
* Create subnet.tf and write public and private subnets



* Use terraform validate , terraform plan and terraform apply. So that it will create the resources like vpc and subnets

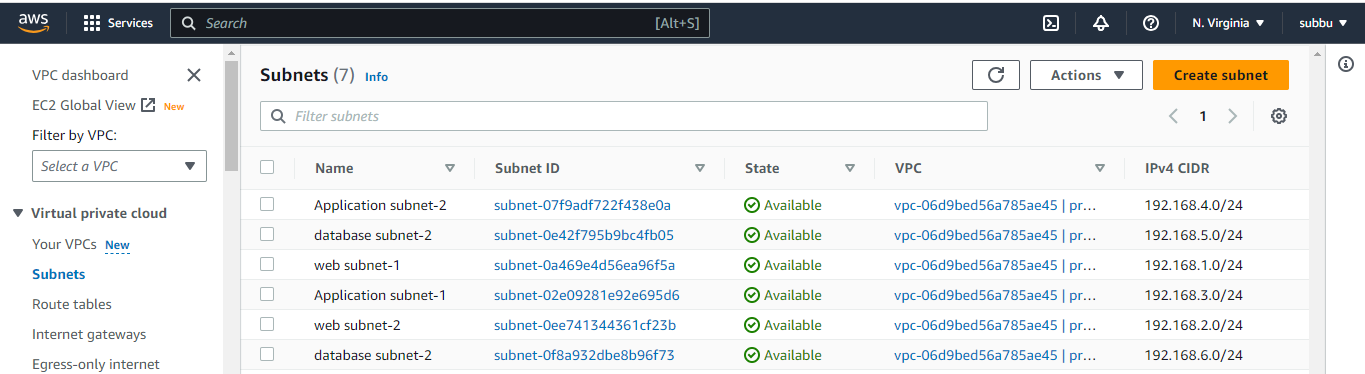


* Now check AWS console

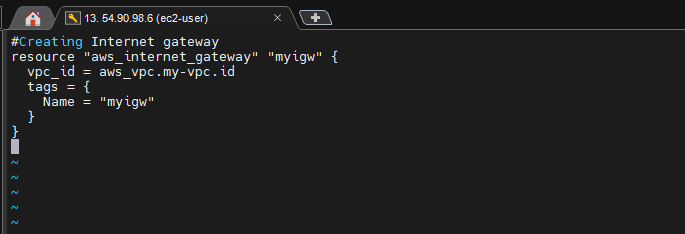


VPC created

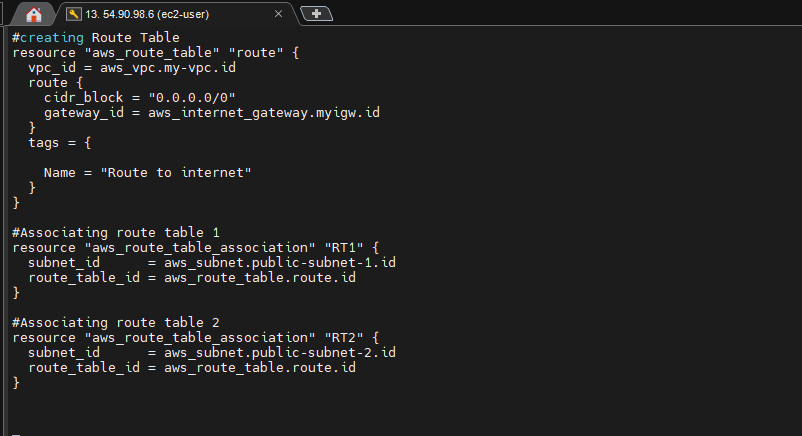
* Subnets created



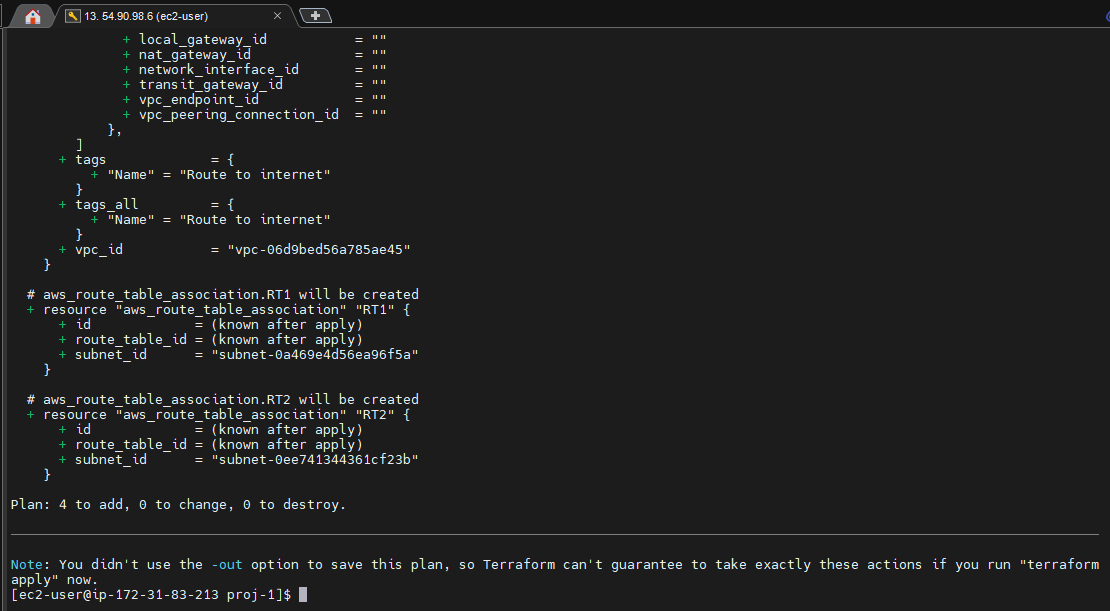
* Create Internet Gateway



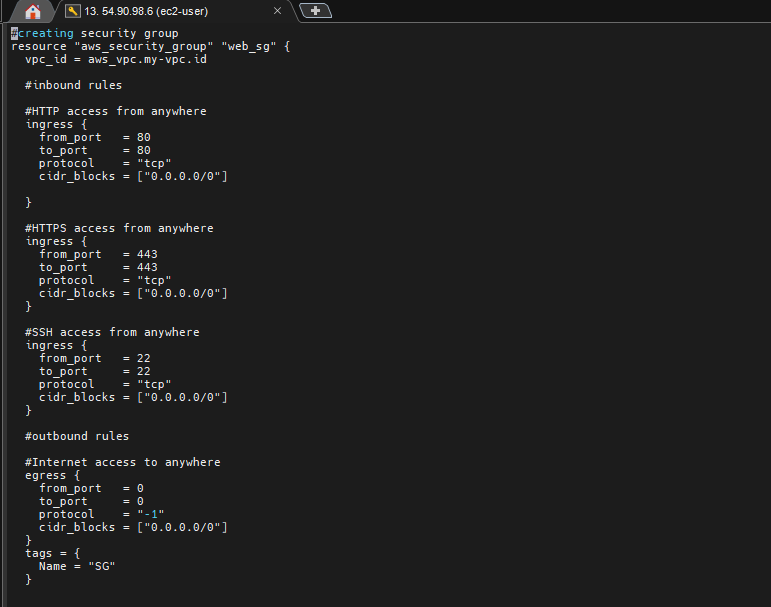
* Create Route table



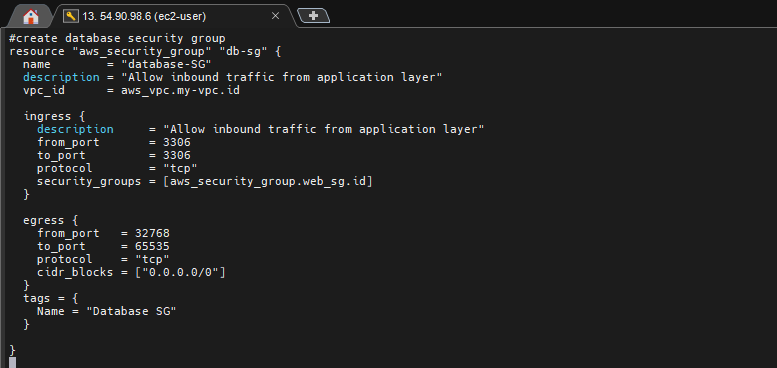
* Now validate and plan for igw.tf and route\_table.tf



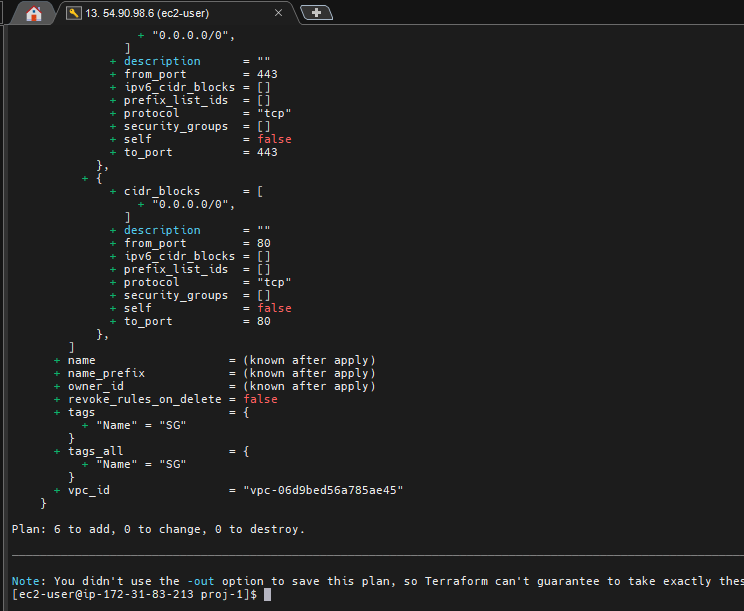
* Create security-group file for frontend



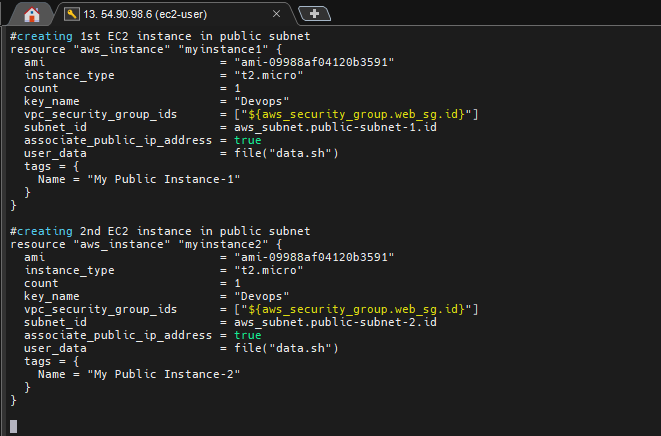
* Create security-group file for database



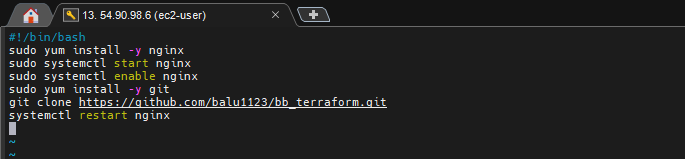
* Now validate and plan web\_sg.tf and db\_sg.tf



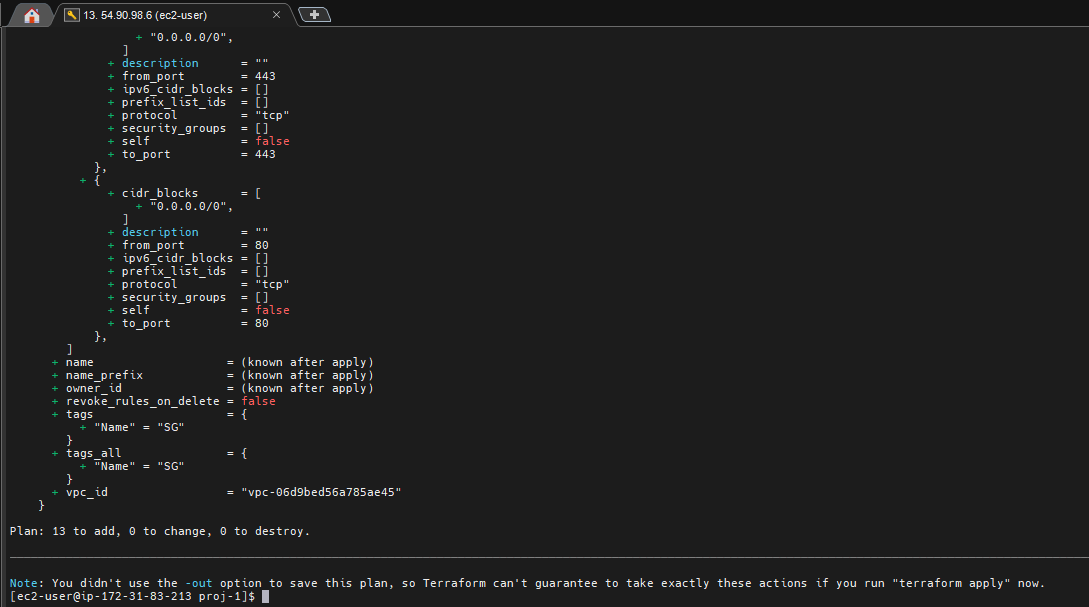
* Create a file to create EC2 instance



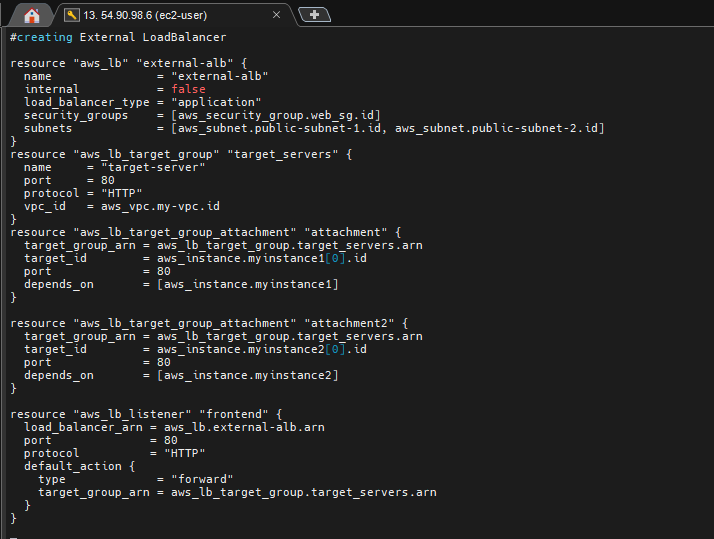
* Create data.sh file



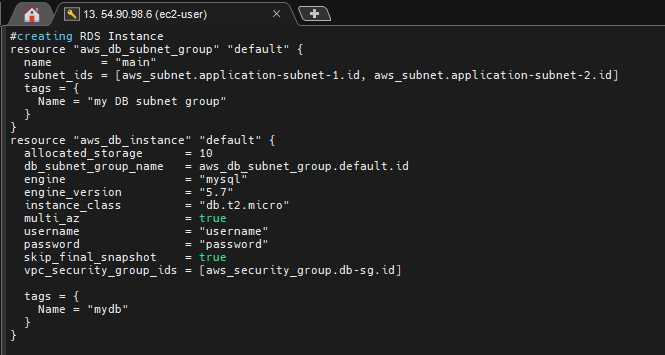
* Test the resources by using terraform Validate and plan



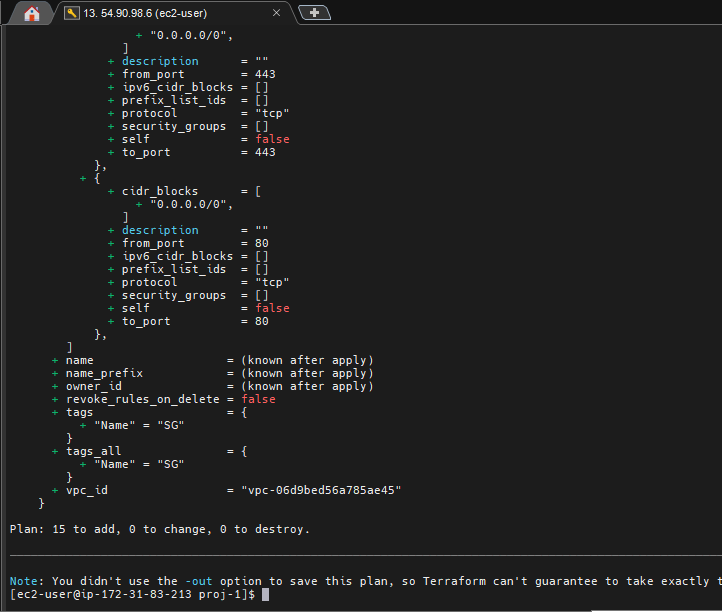
* Create a file for application load balancer



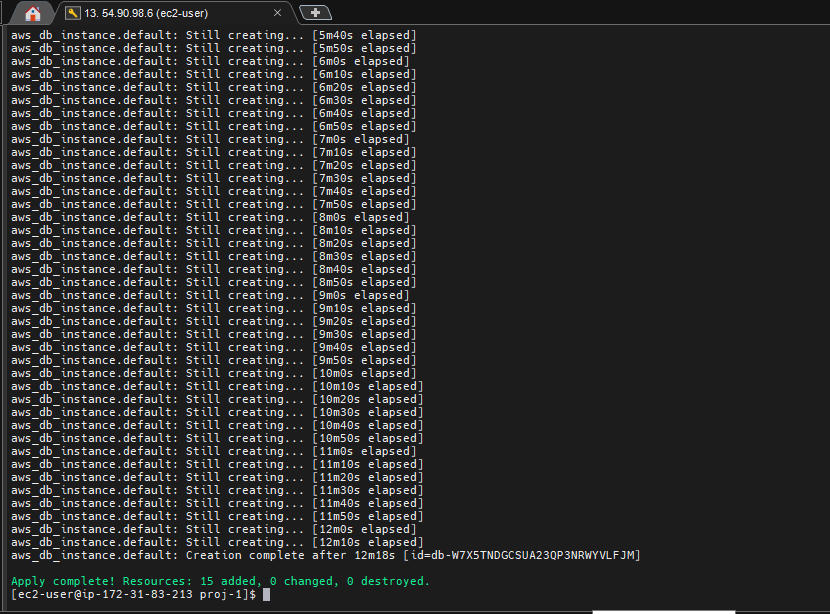
* Create a file for RDS instance



* Test the resources by using terraform Validate and plan

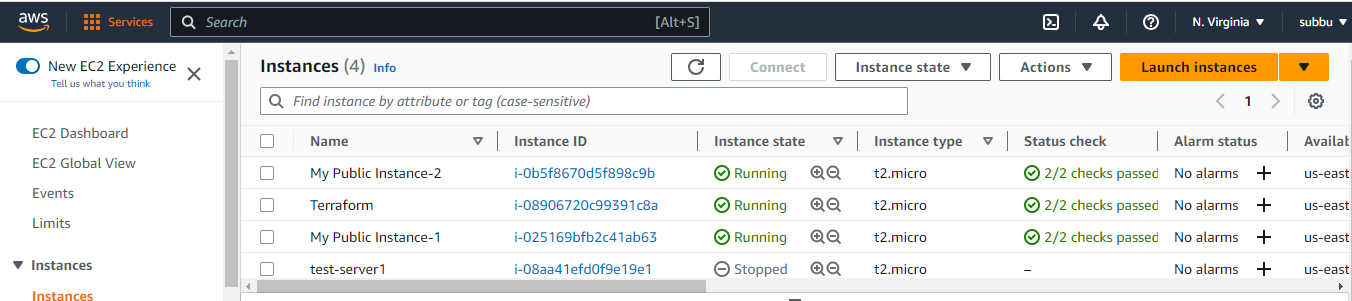


* Now apply the terraform apply command

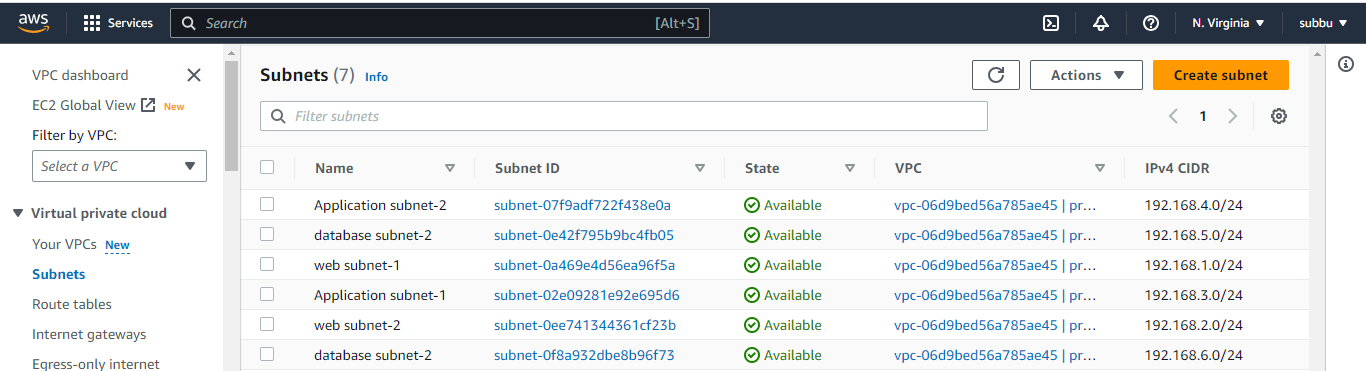


* Now checking the AWS resources ,

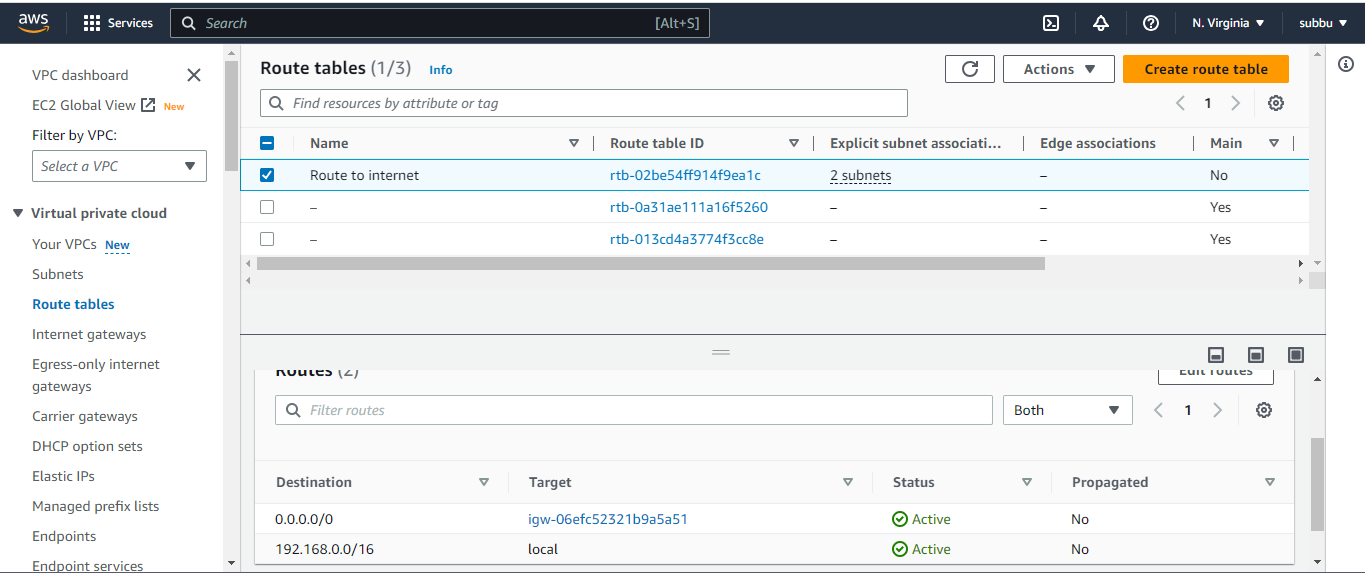
Ec2 instances created.



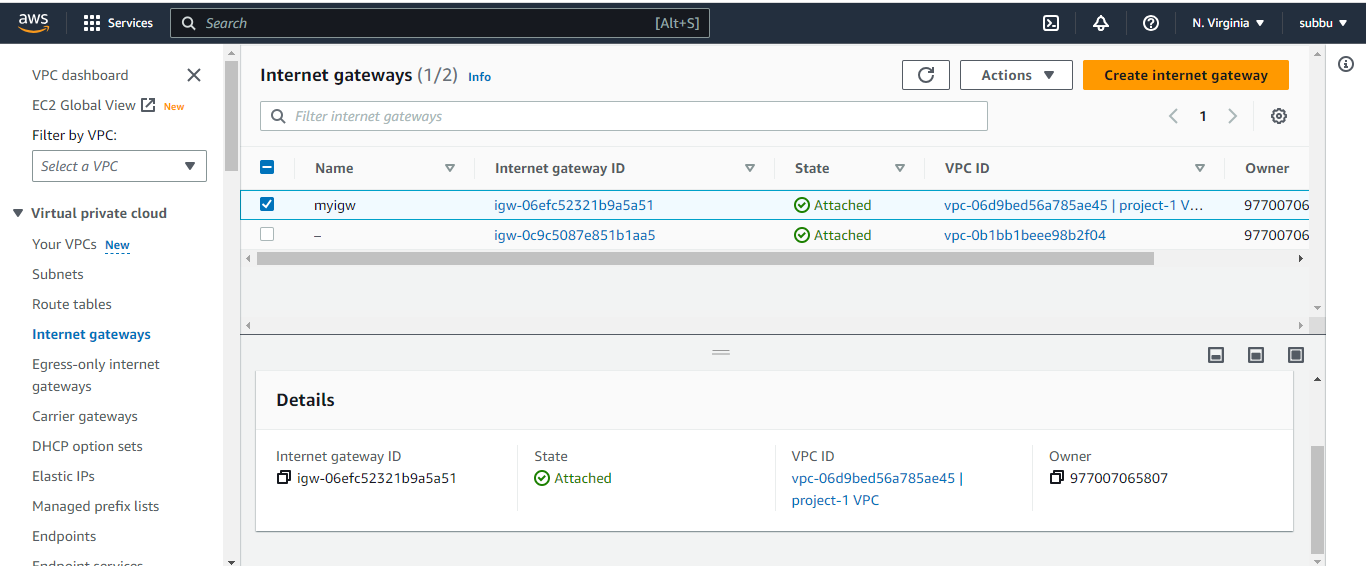
* Subnets created



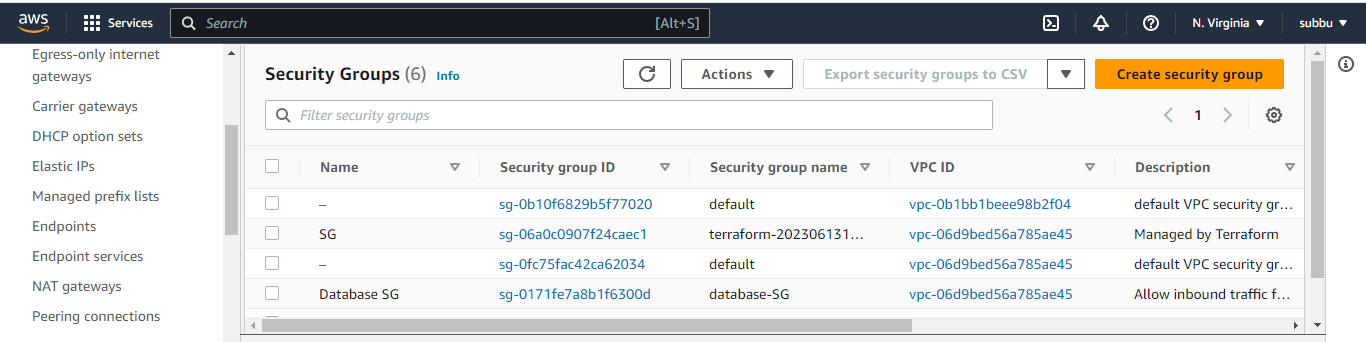
* Route created



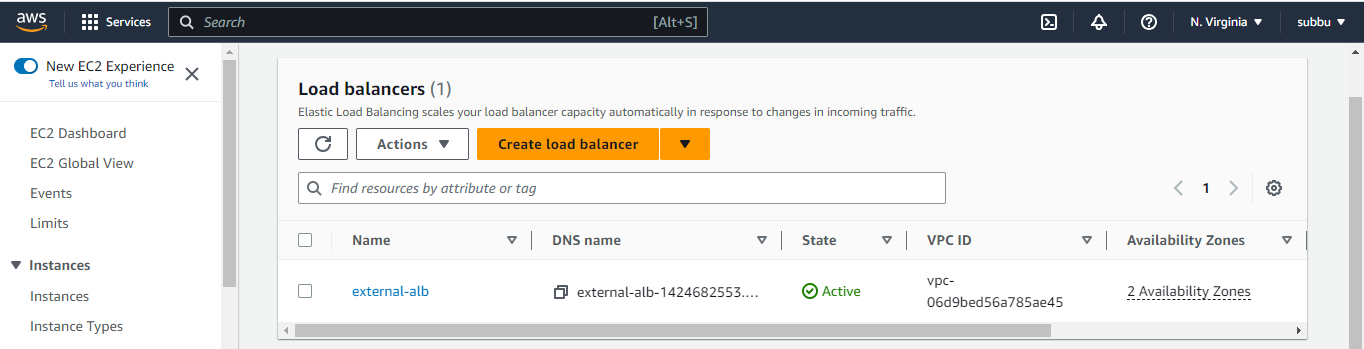
* Internet gateway created



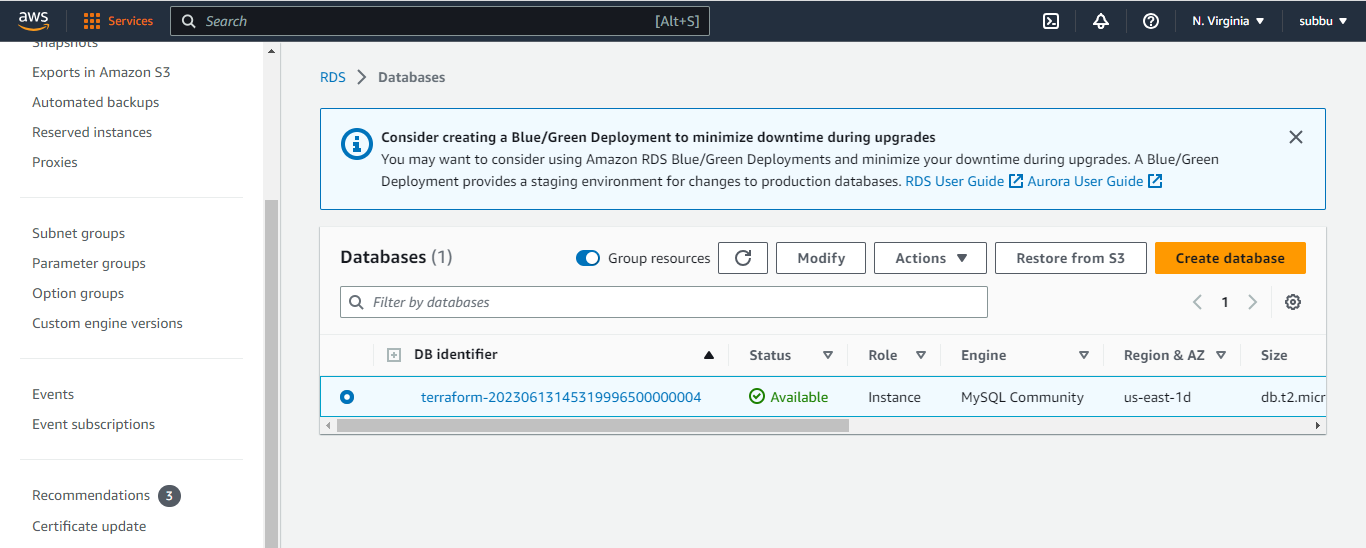
* Security groups created



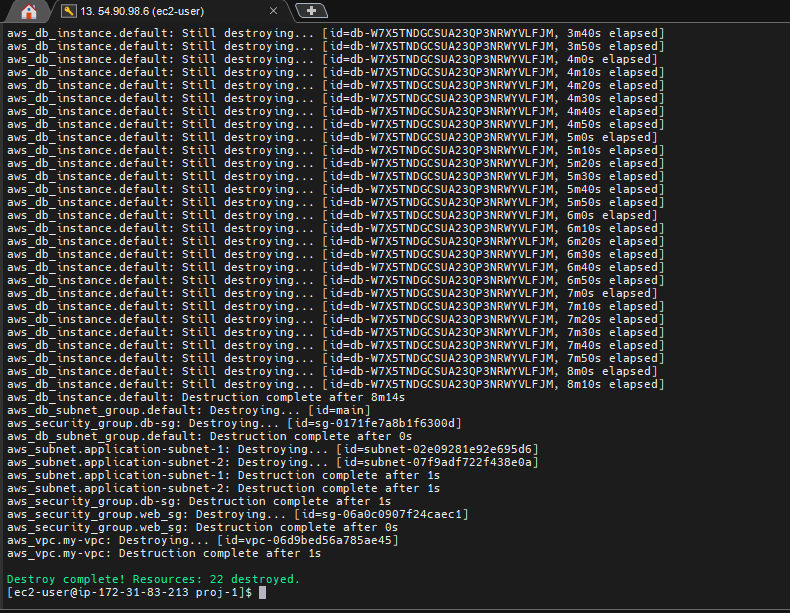
* Load balancer created



* RDS – Database is created



* Now Destroy the resources By using the command Terraform Destroy



* All AWS resources are destroyed

*Verify the resource*

Terraform created below resources

Vpc

Public&private subnets

Route tables

Internet Gateway

EC2 instances

RDS instance

Application Load Balancer

Security Groups for web & RDS instance