Step 1 : create a key with same name in aws console and copy in local machine where terraform and ansible running.

Use same key inside instance.tf file for creating aws instance.

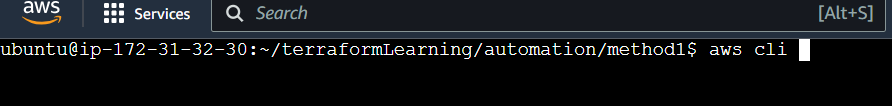
A screenshot of a computer

Description automatically generated

Create a webserver(ubuntu machine) install terraform , ansible and awscli in it.

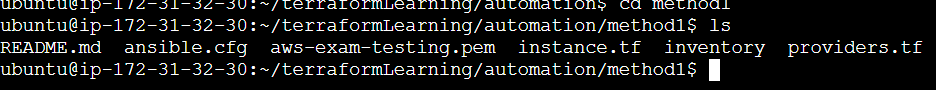
A black screen with white text

Description automatically generated



Create ansible.cfg , aws-exam-testing.pem providers.tf instance.tf files in a folder.

Use chmod 400/600 to change the permissions of aws-exam-testing.pem.



Instance.tf file set the ami , Secgroup , availability zone ,key name (key should be created in same AZ as instance)

A computer screen shot of a program

Description automatically generated

In provisioner check host and user as ubuntu(the instance we are going to create)

A screen shot of a computer code

Description automatically generated

After terraform plan and apply we can hit the public dns of newly created instance to see below output

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated