1. What is Terraform?

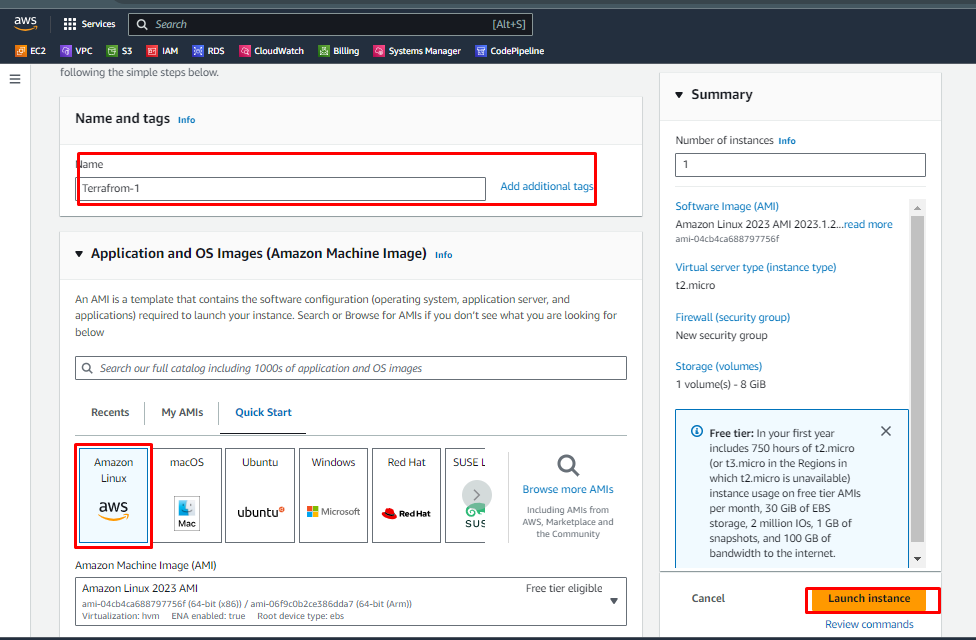
Terraform is an Open – Source infrastructure as code Software Tool Created By Hashicrop User define and Provide Data center infrastructure Using a declarative Configuration Language Known as Hashicrop Configuration Language Or optionally Json.

Terraform is a tool for Building, changing and versioning infrastructure Safely and efficiently.

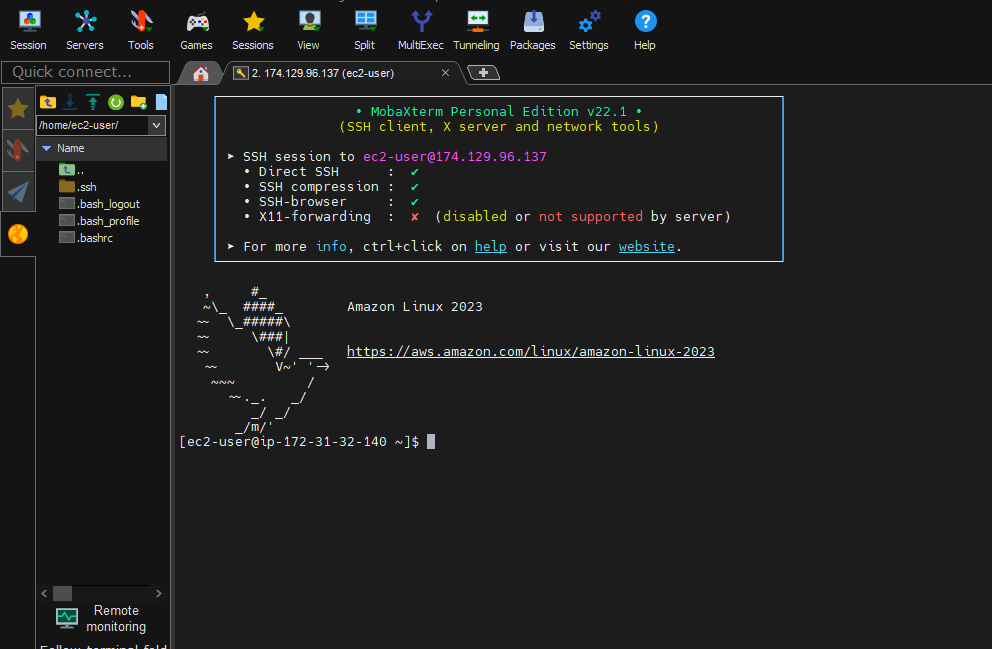
There are two Platform

1. Linux Server
2. Windows

First we create the instance in Aws

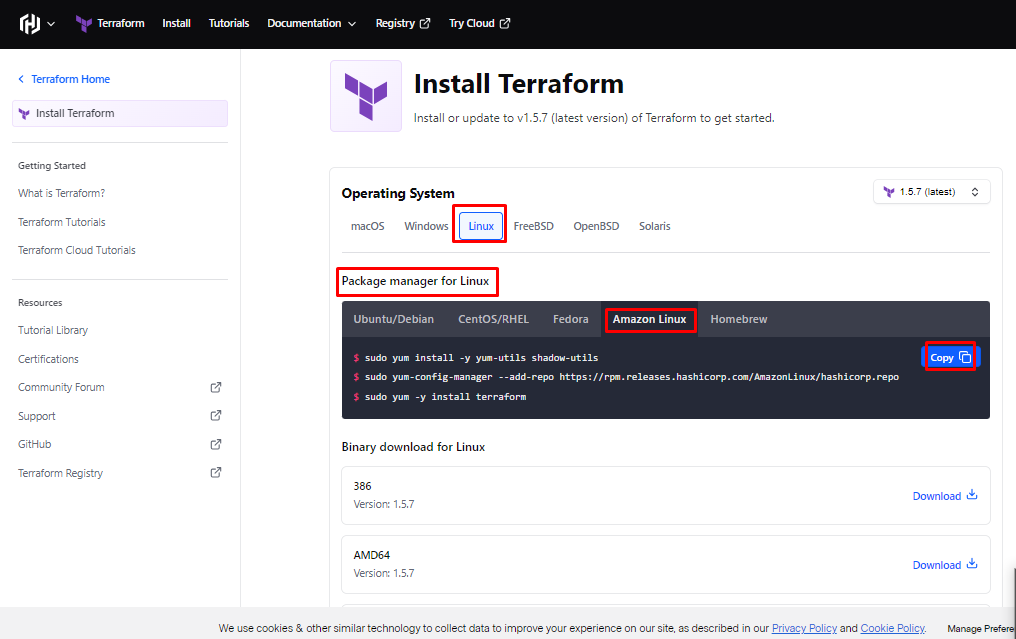


Now I connect the Server in a MobaXterm

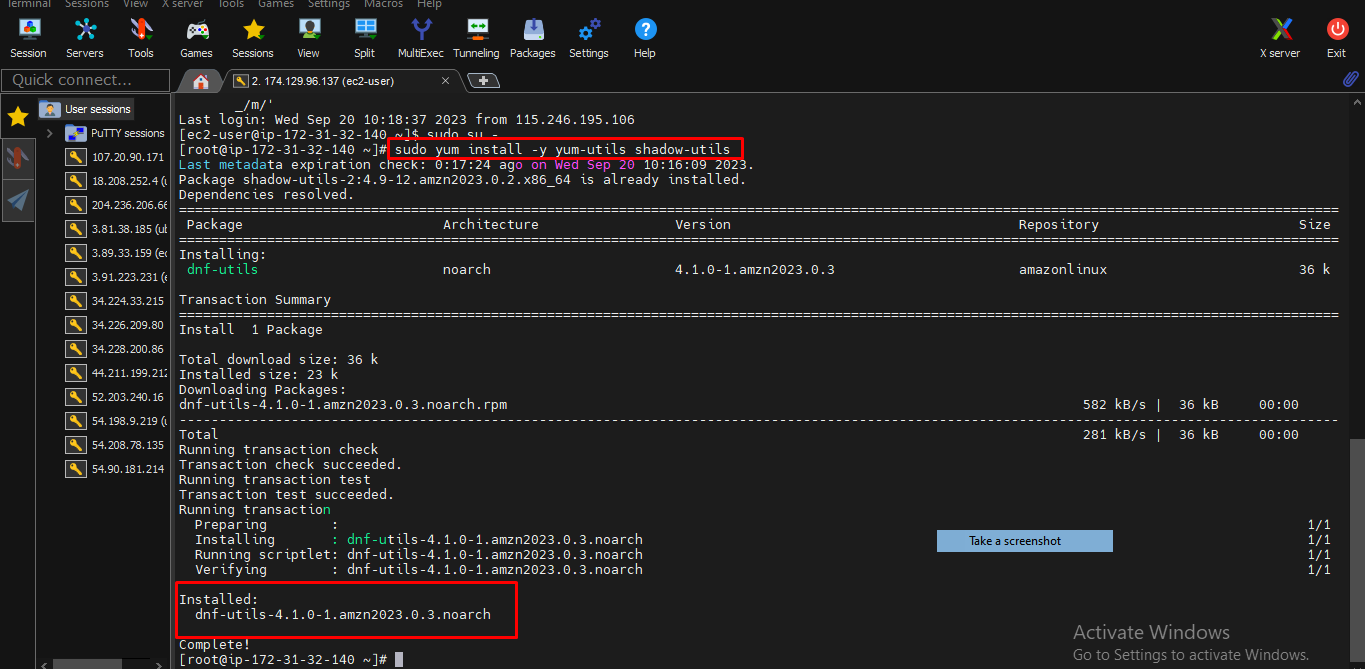


Now How to install the Terraform In a server and windwos

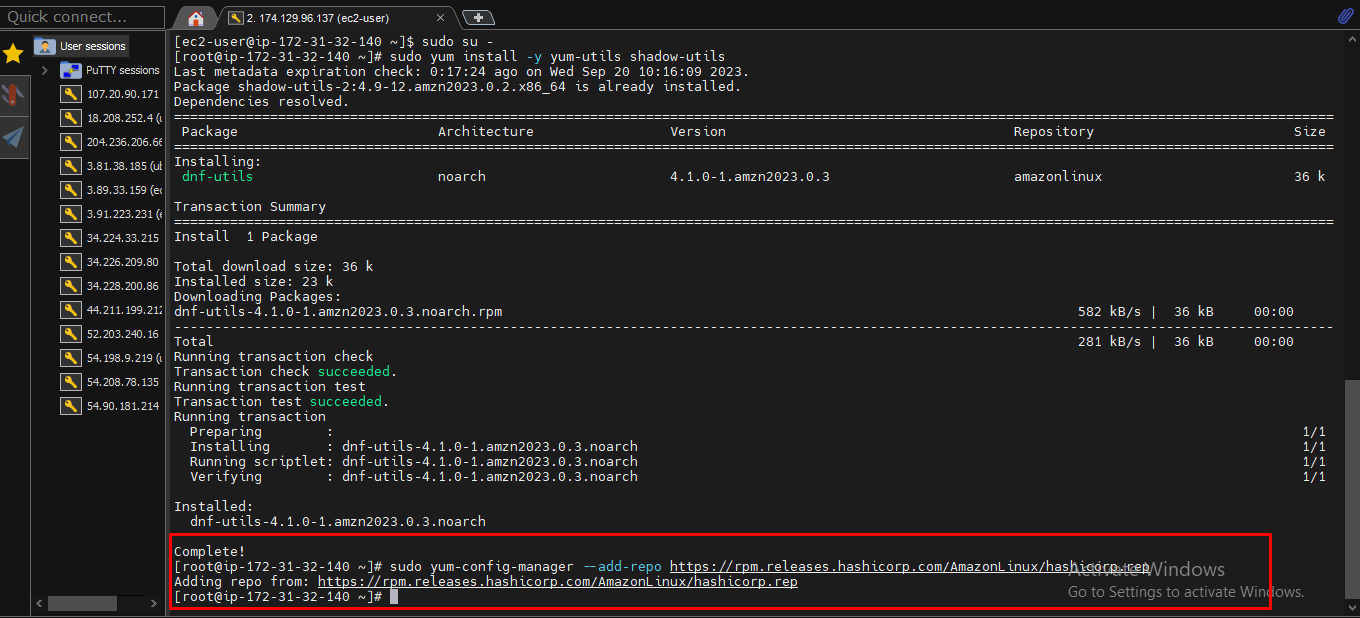
Goto official wed site of Hashicorp and click on install Terraform Then click on PACKAGE MANAGER FOR LINUX what Type of Server you select that.

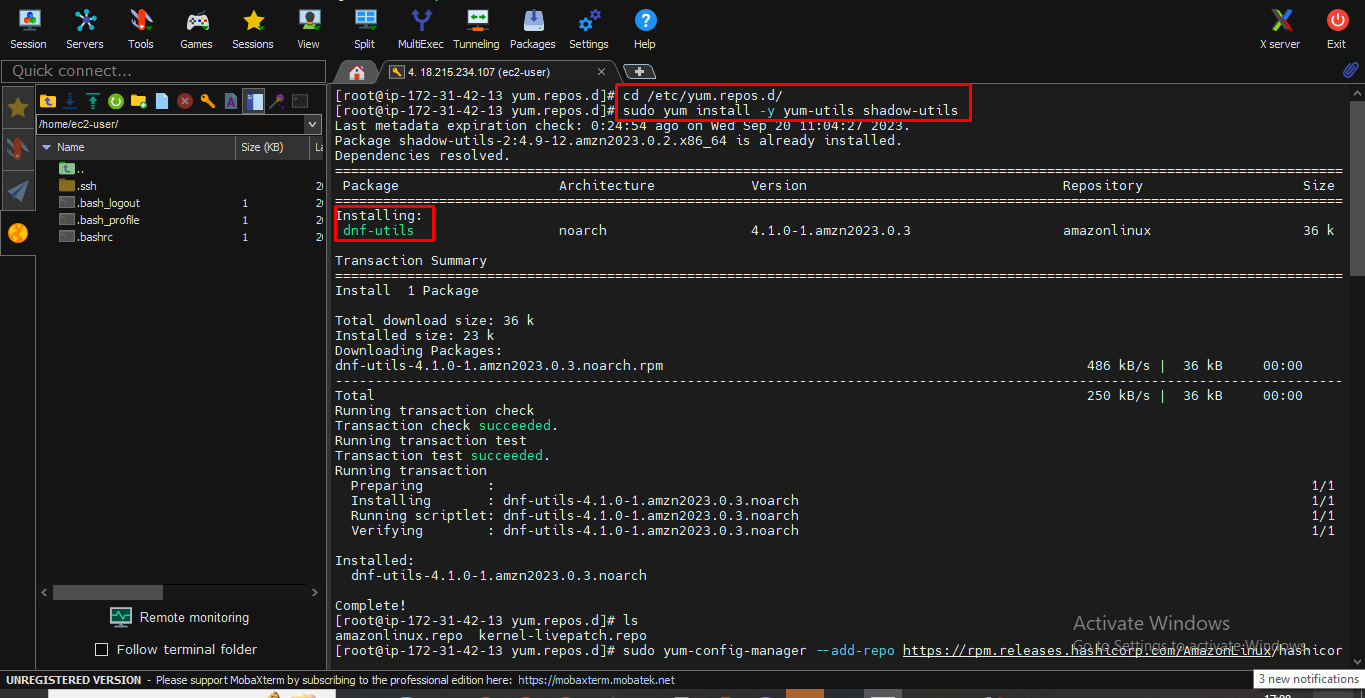


Now installing the Terraform in a linux Server

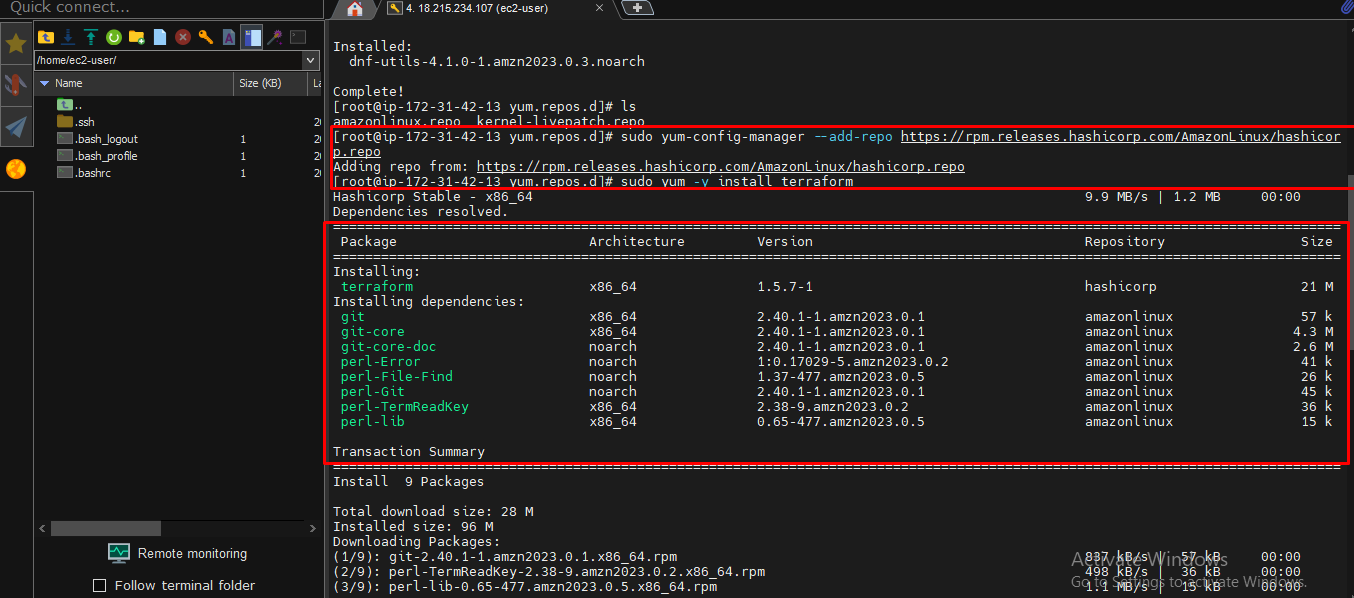


This Screenshot Create the hashicorp File

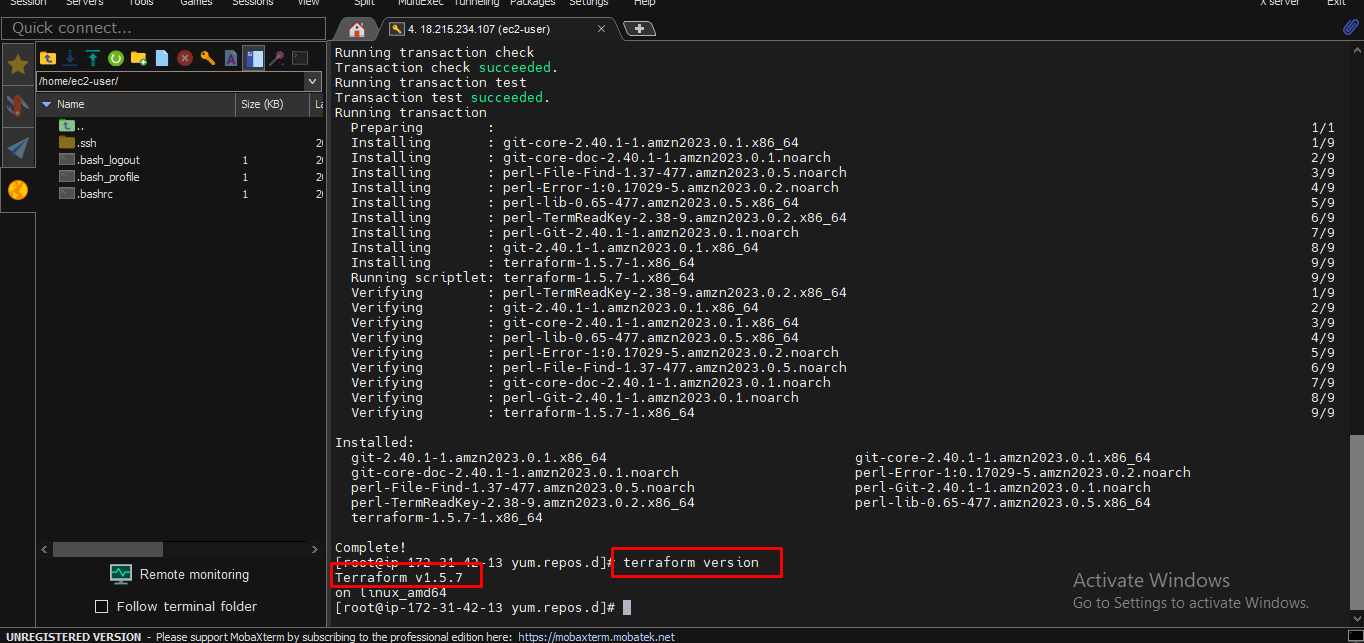




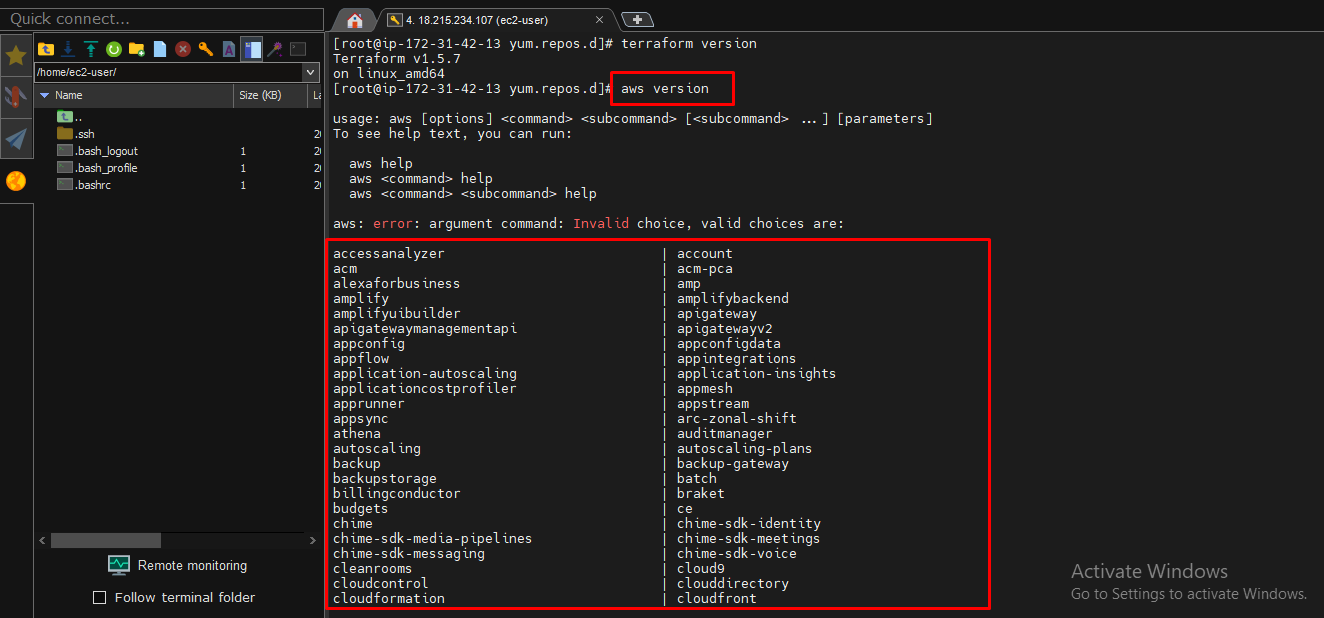
This is Package of this terraform



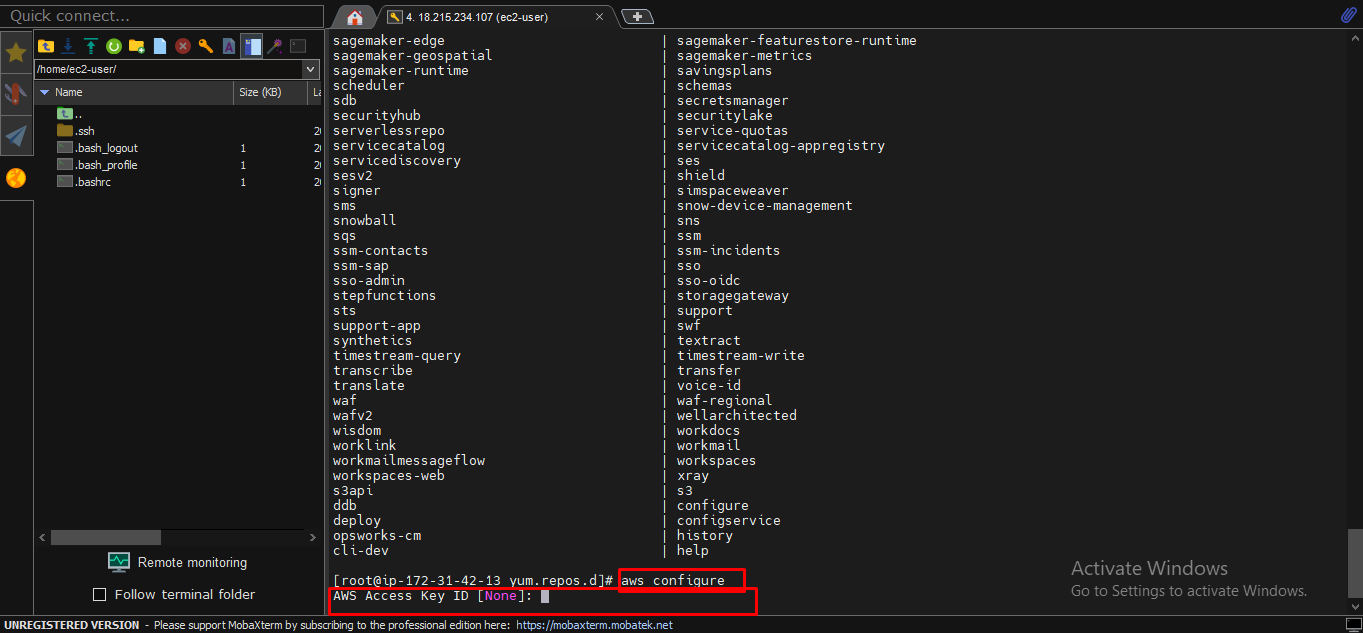
Terraform Update version



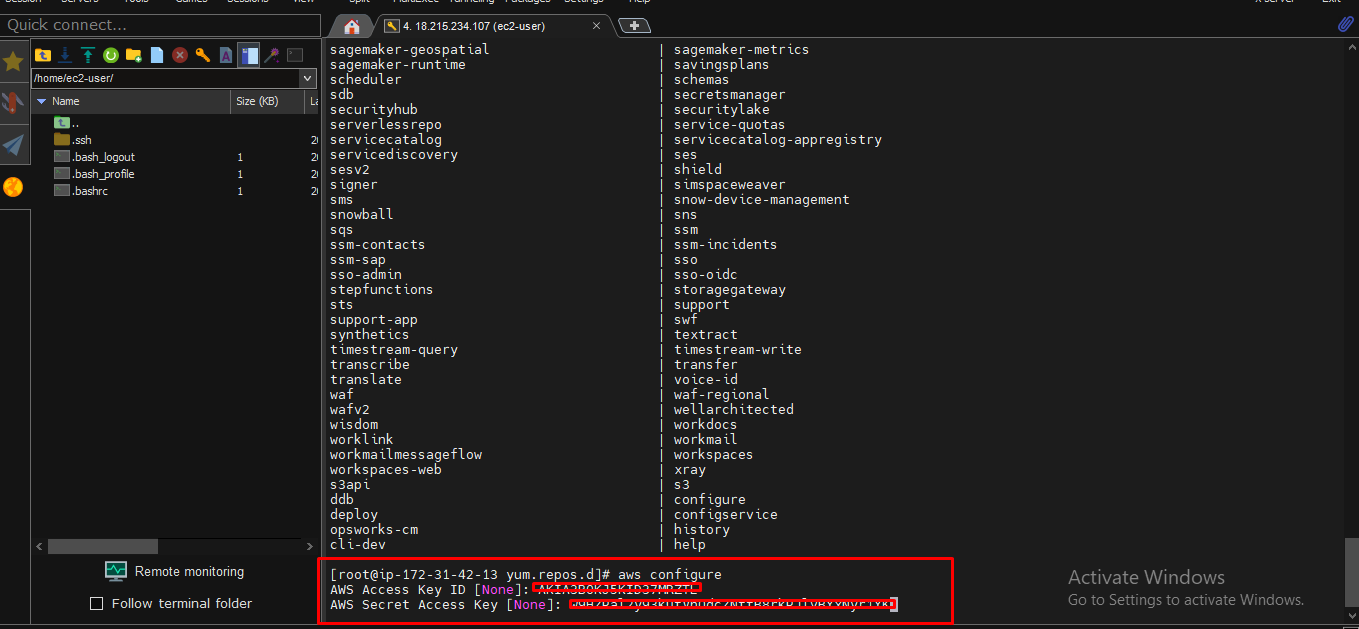
This Command show the Aws version AWS cli – command

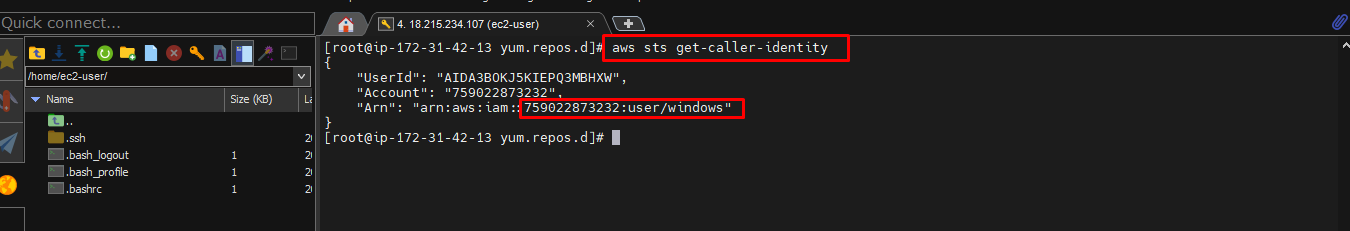


Next step give the AWS access key and secret access key

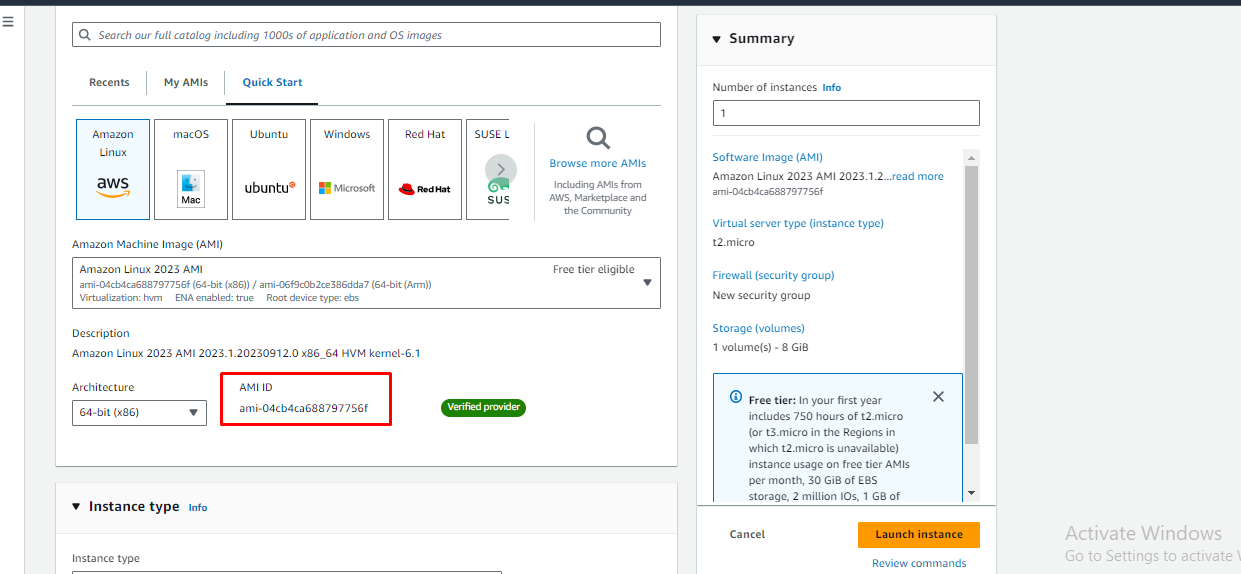


Secret key

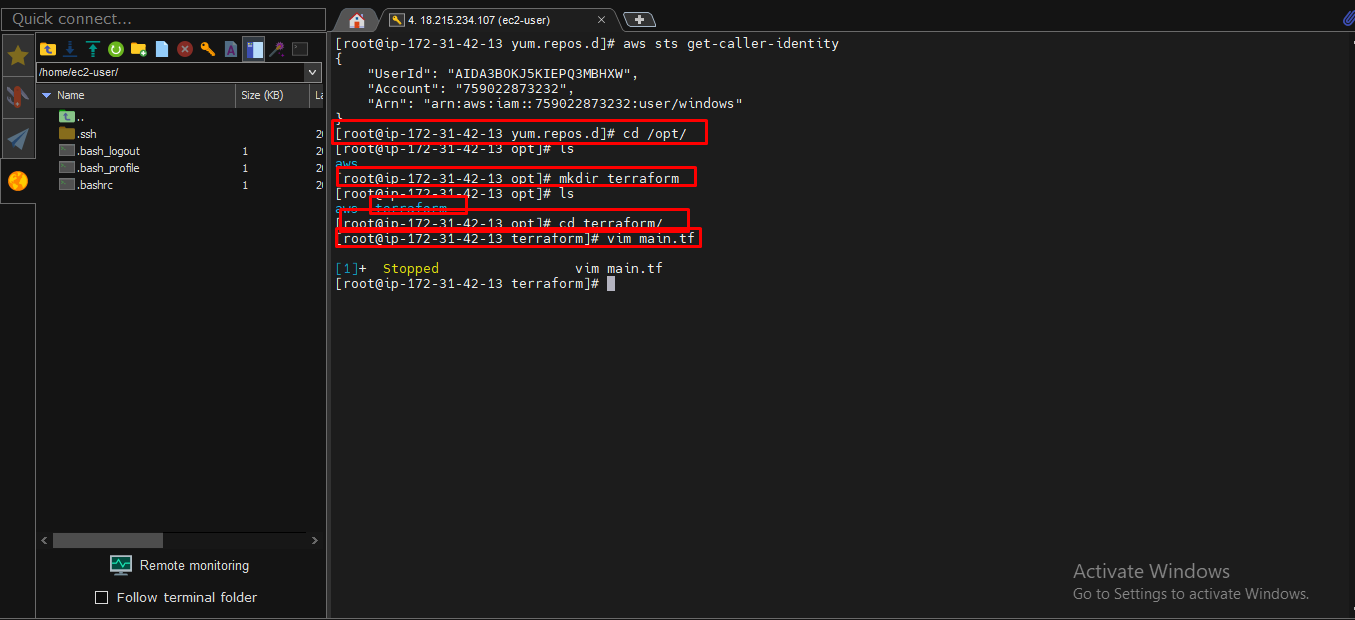


Configure link with terraform Command = Aws Sts get-caller-identity.

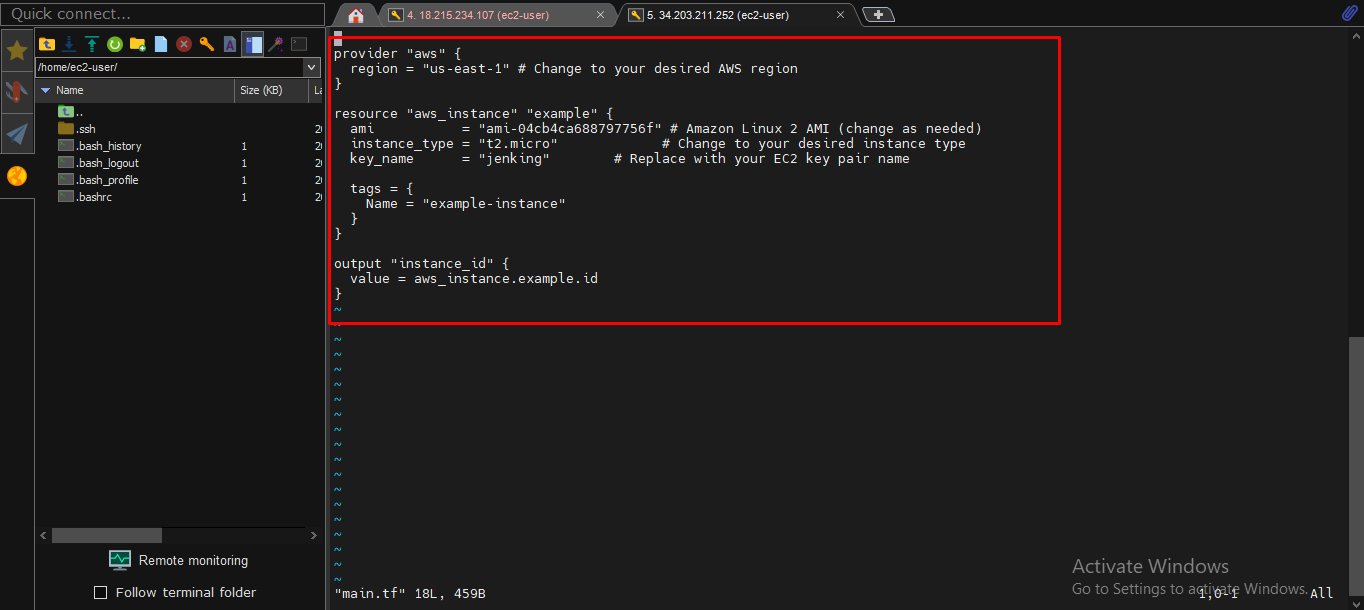
Goto instance And take the AMI ID (Amazon Machin Images) Just Take



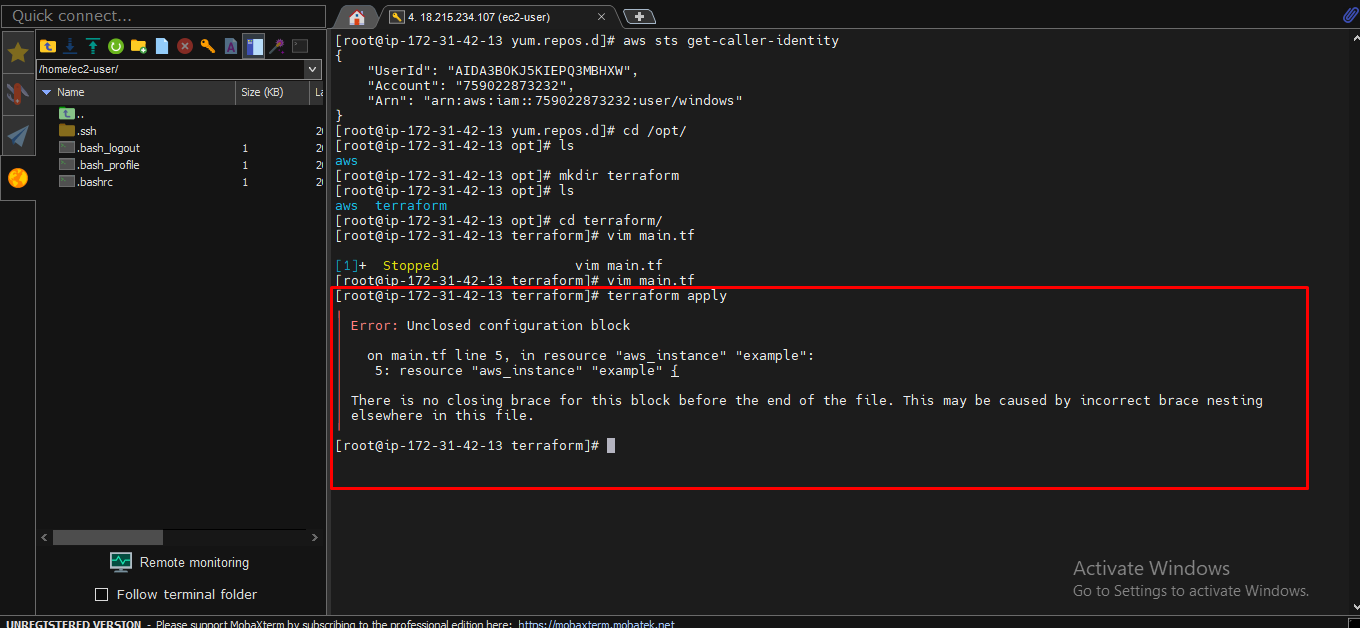
I Create the cd /opt/ create Mkdir the folder in this folder Vim Main.tf Terraform script in this file



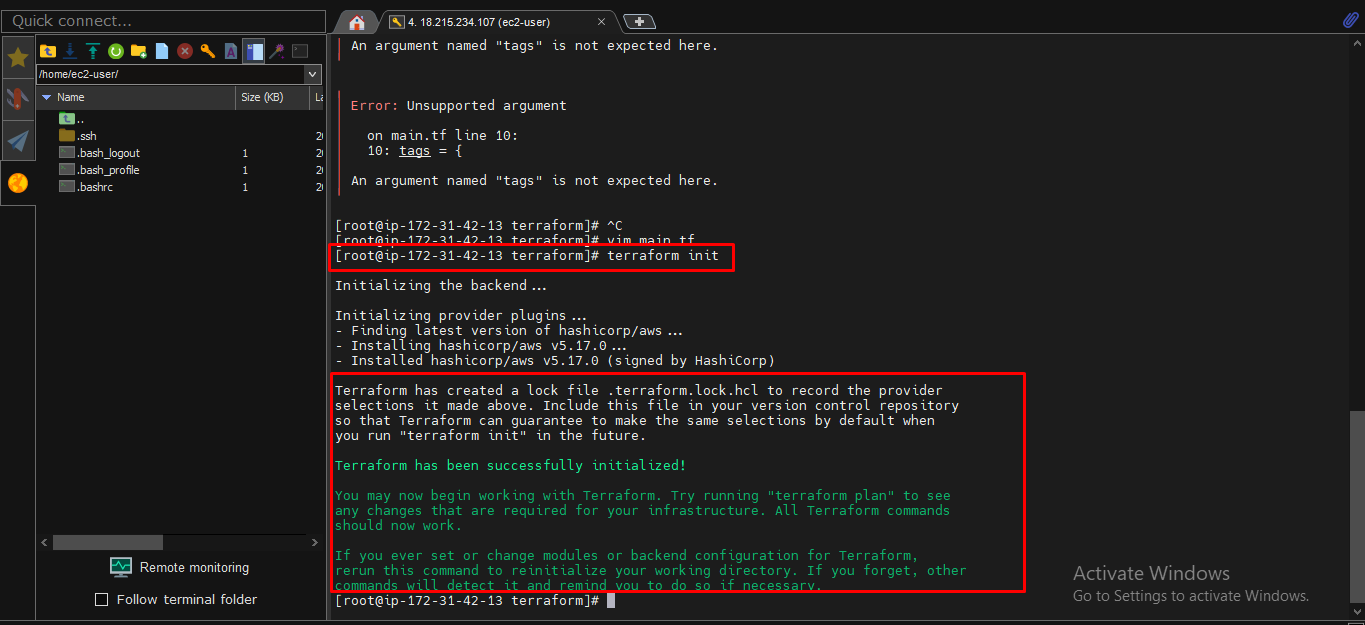
This is Terraform Format Script



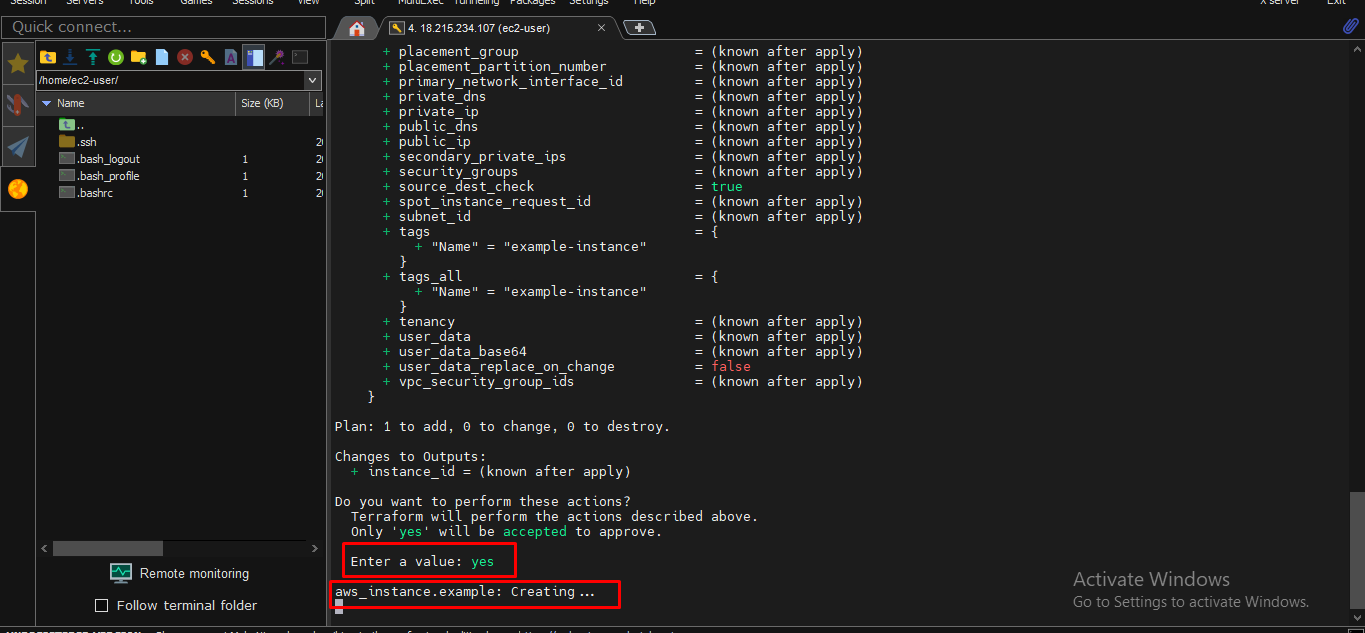
This Error show the First If any mistake in Terraform script Unlock Configuration block shows



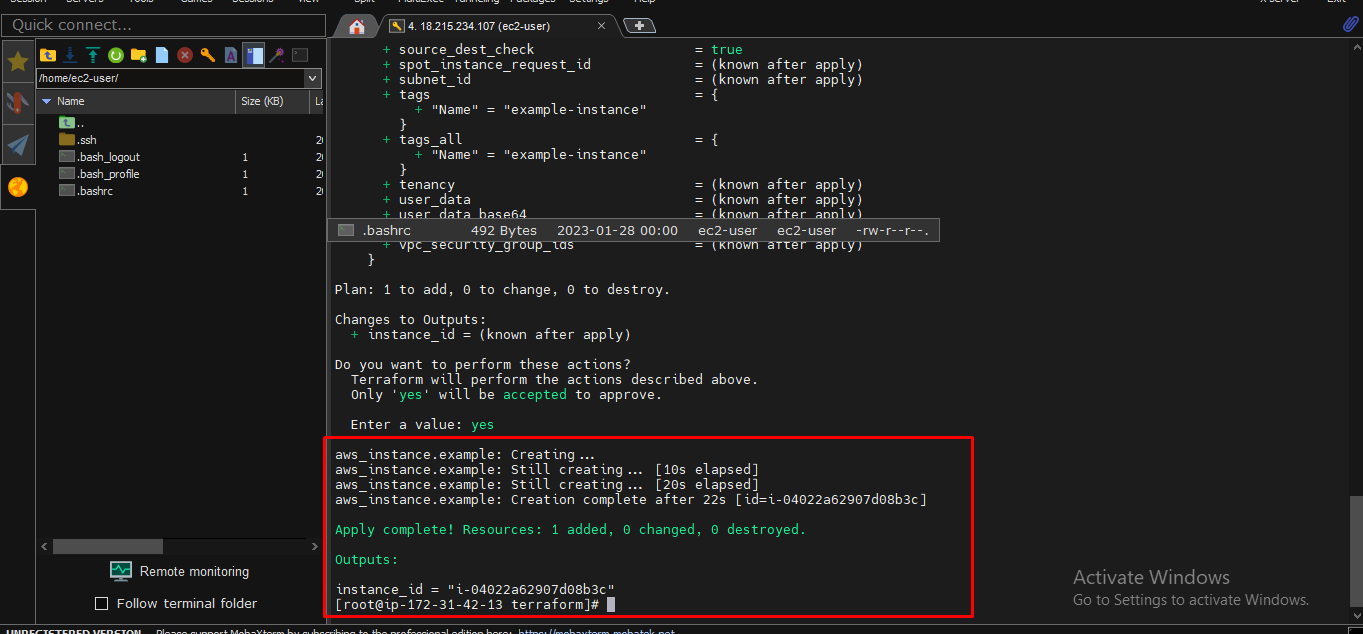
Terraform Inti means = this command all dependency Download for terraform Packages



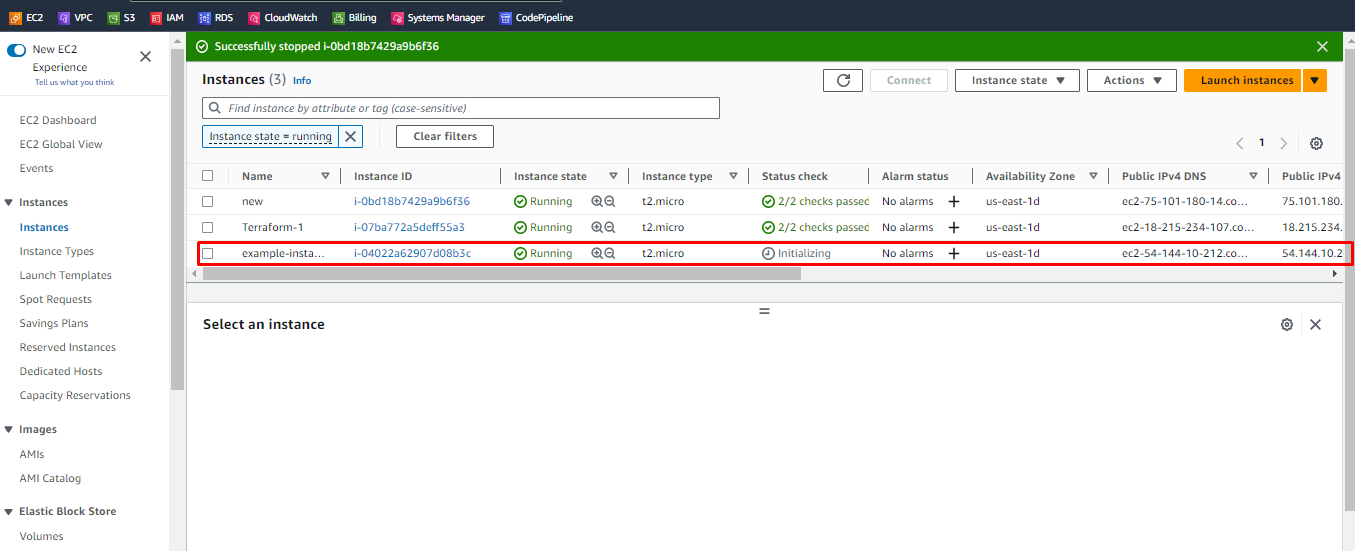
If instance will launch means Enter

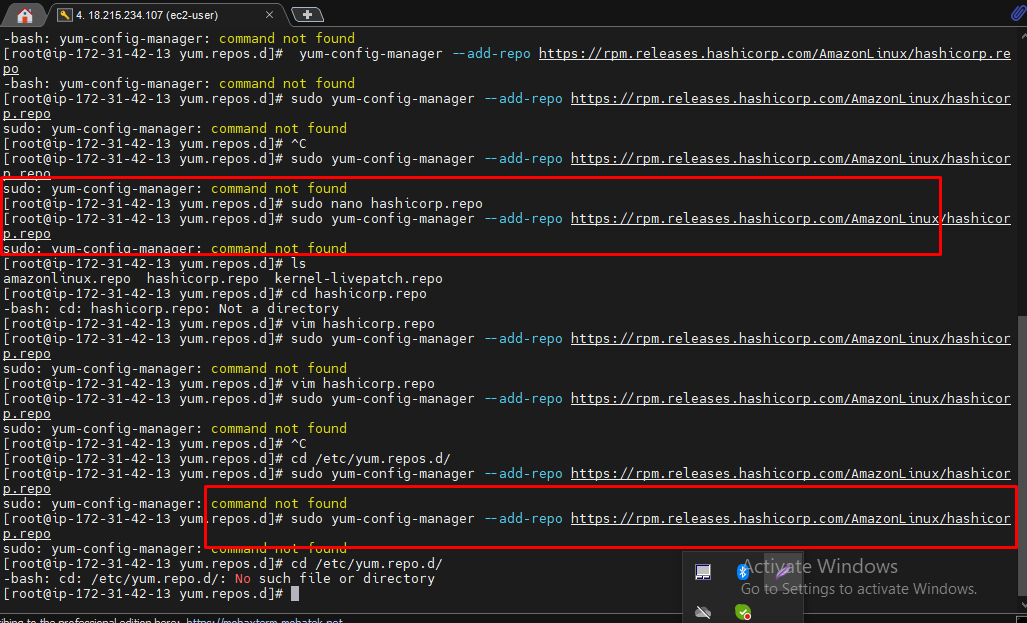


Instance will launched

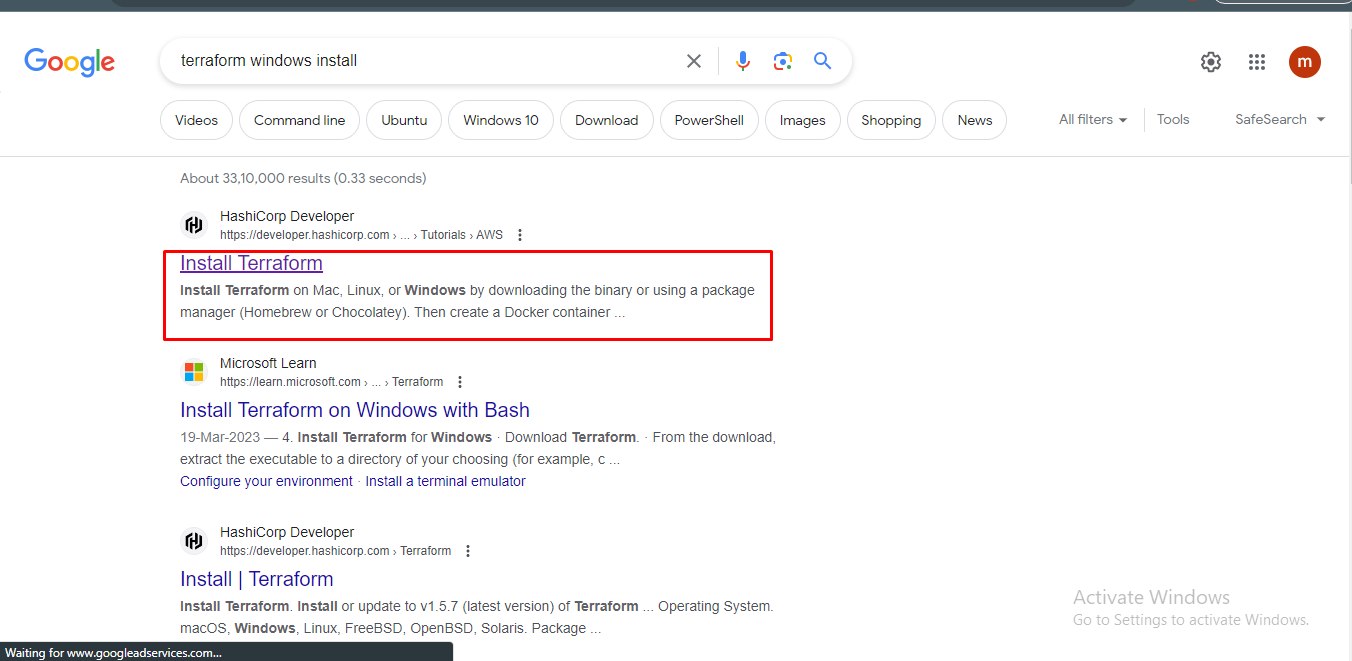


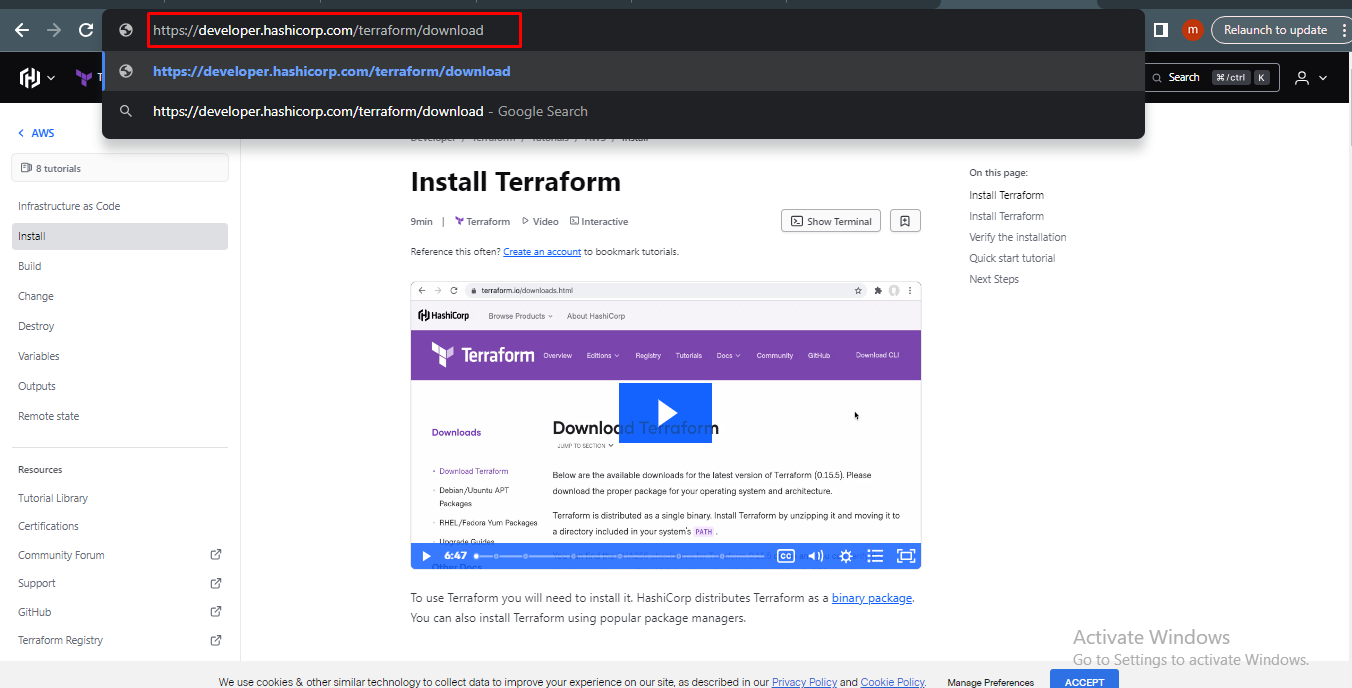
Completely launch instances

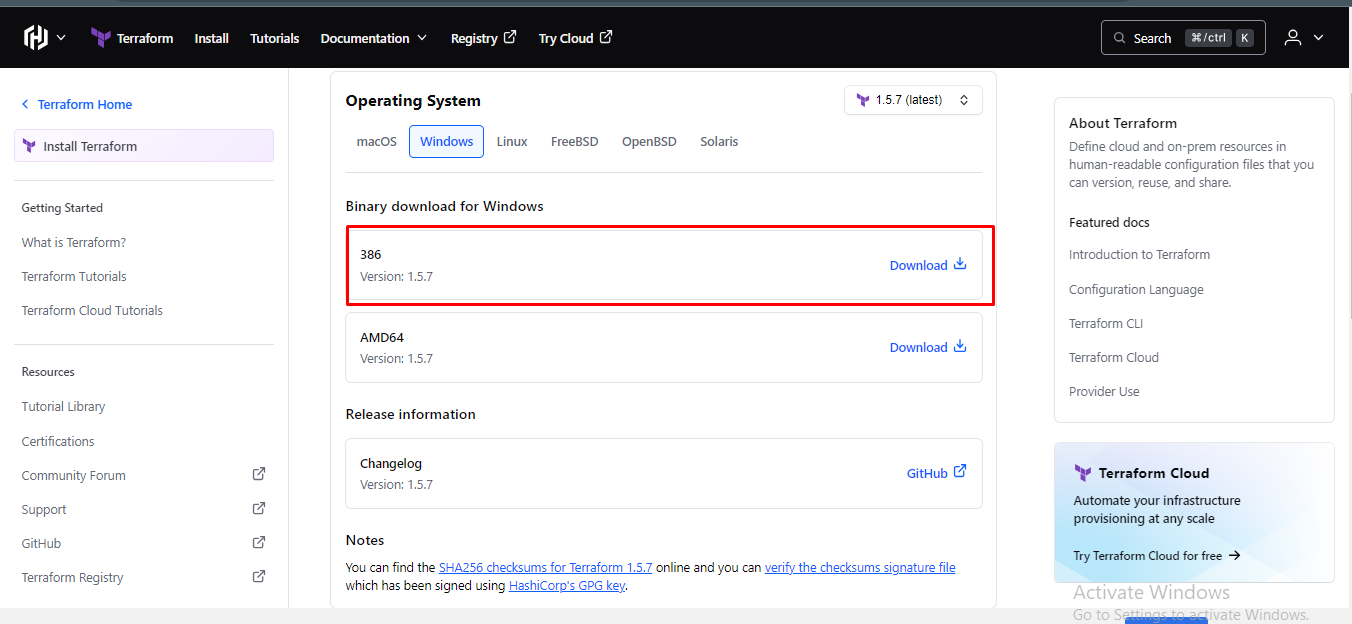


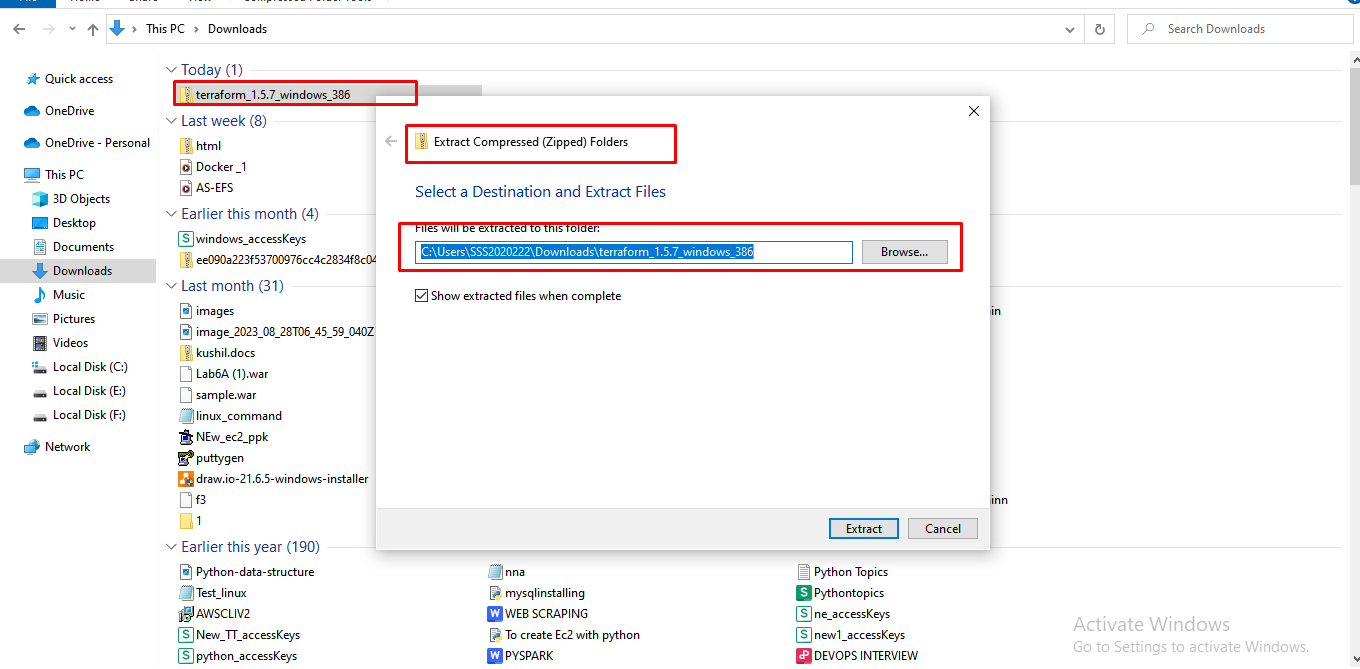


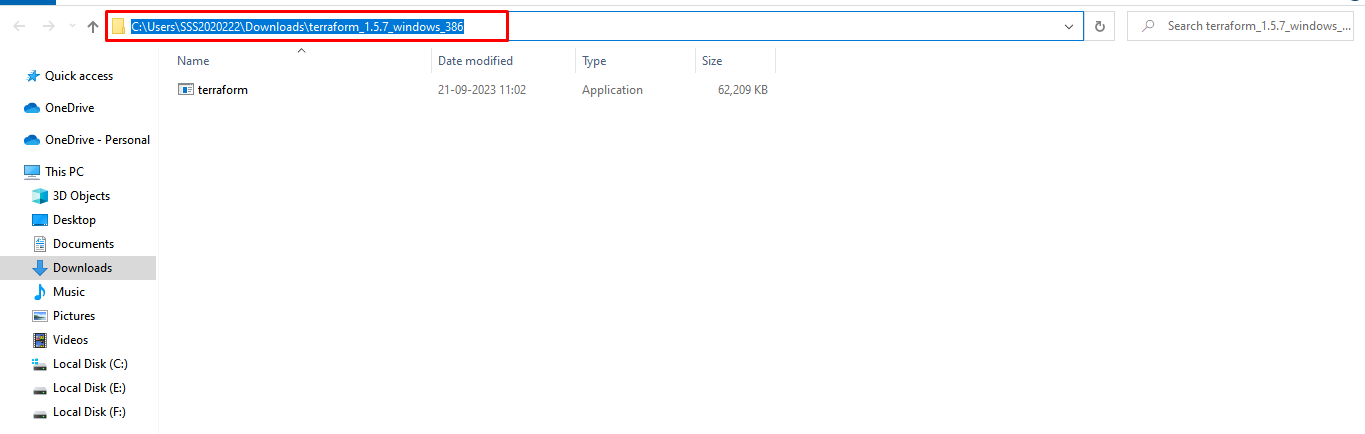
How to install in Windows

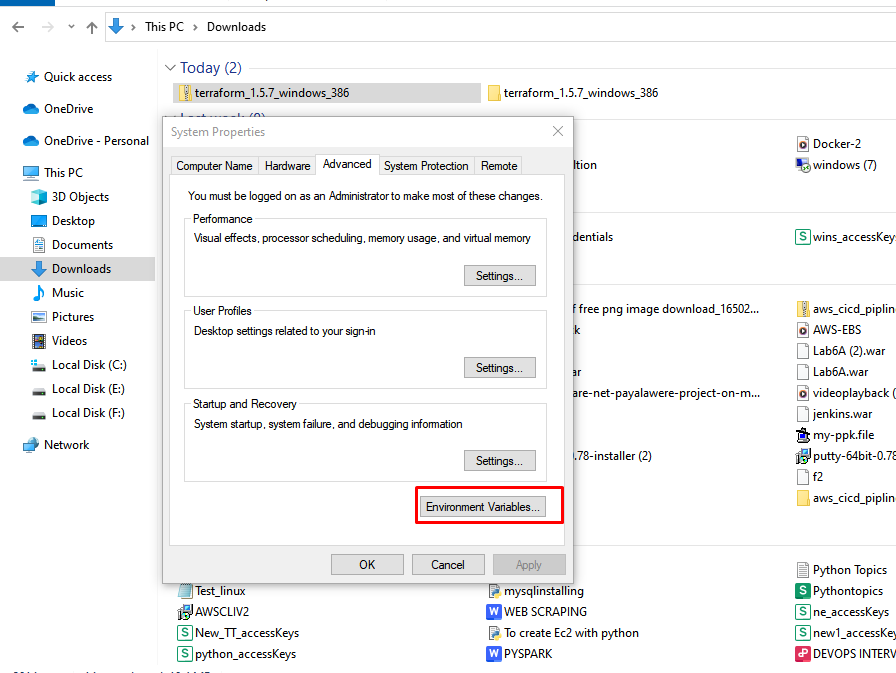


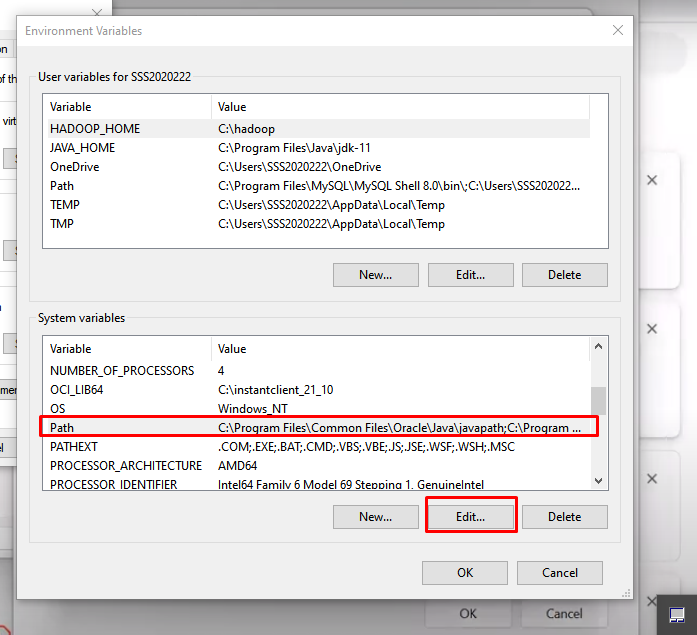


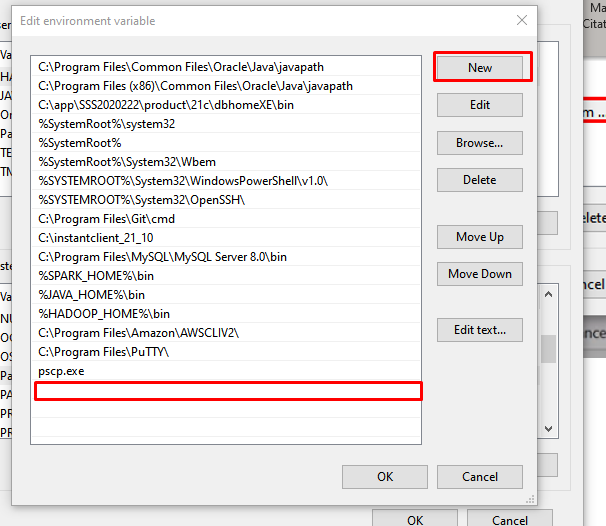


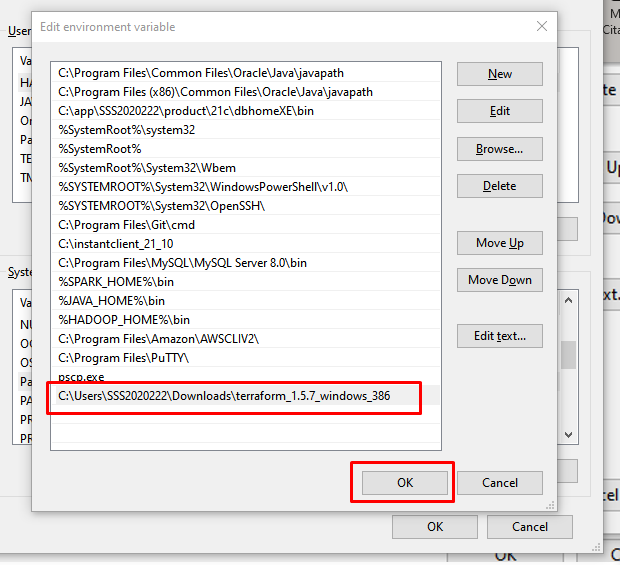












Now Goto Git bash or command run I Take git bash It install in a windwos server

