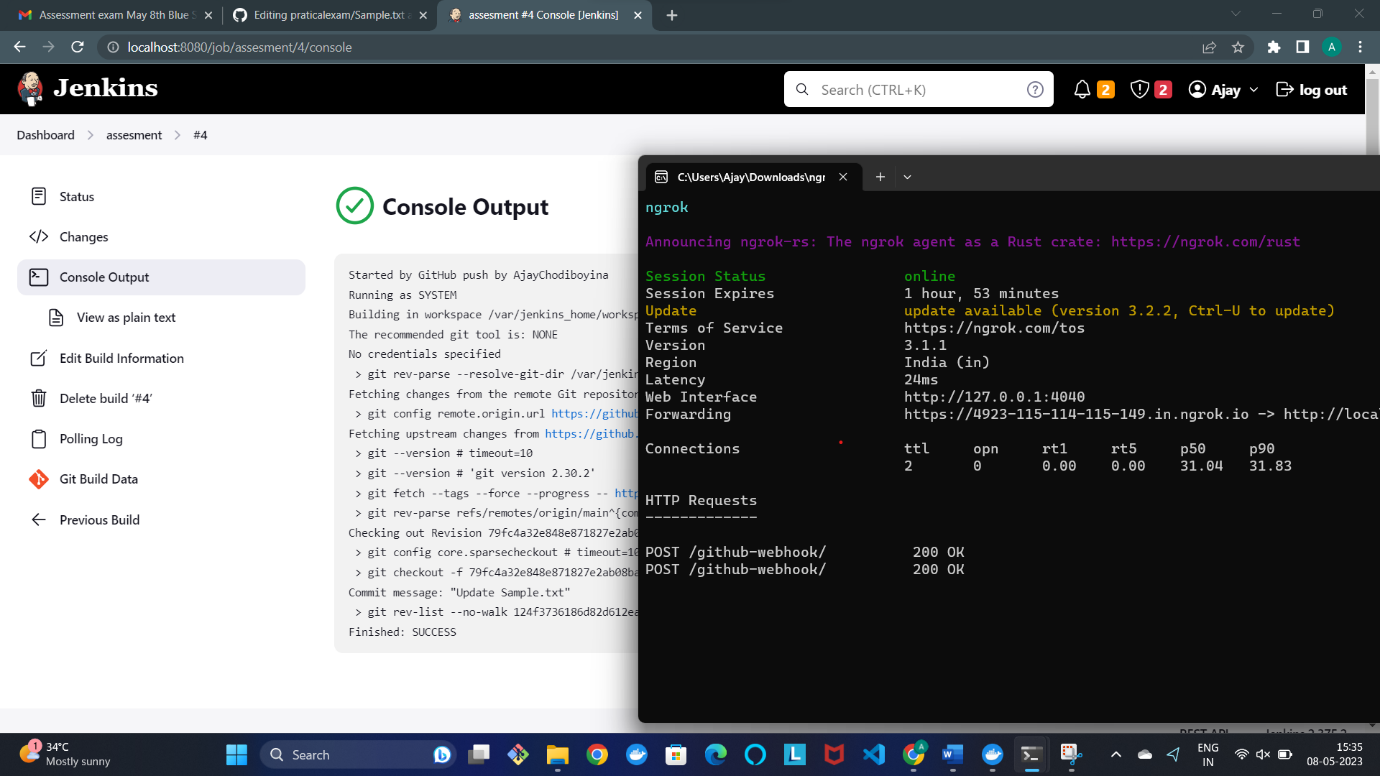
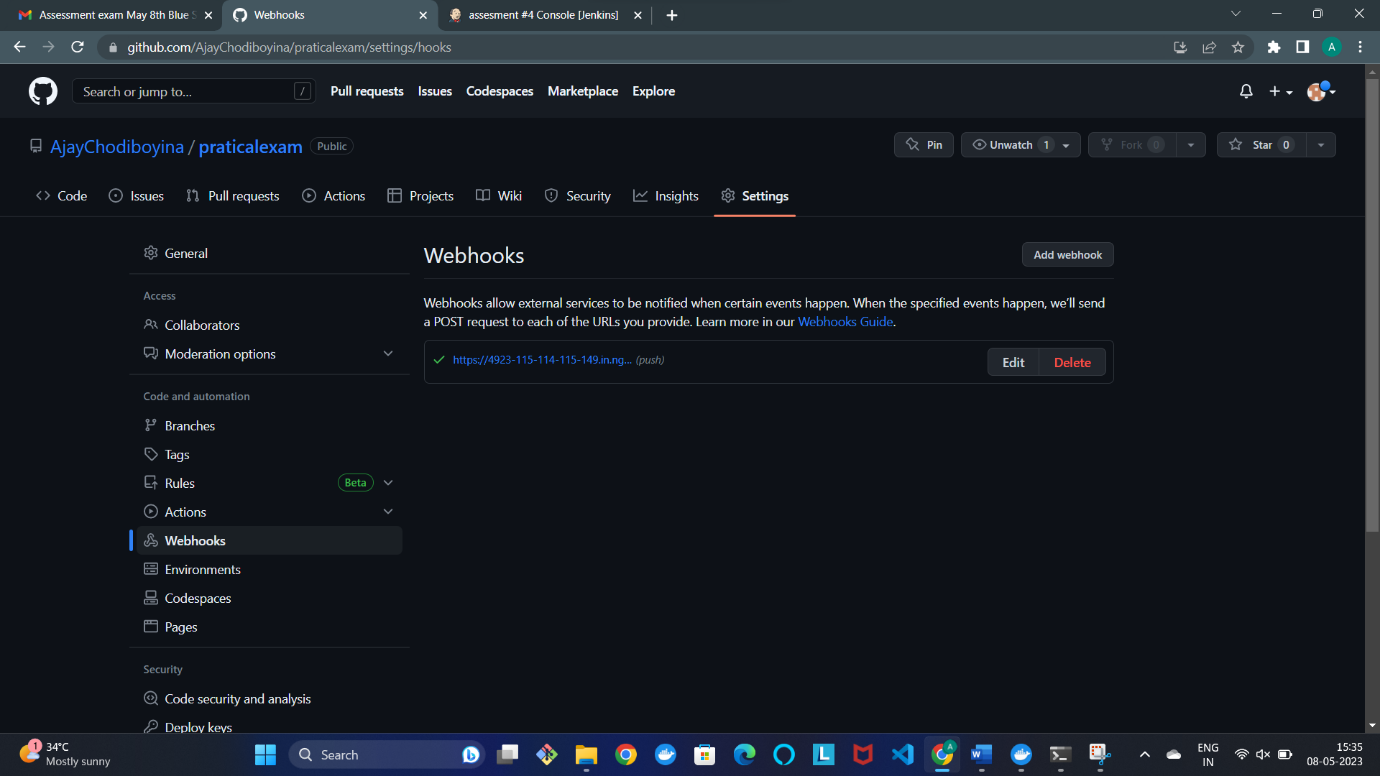
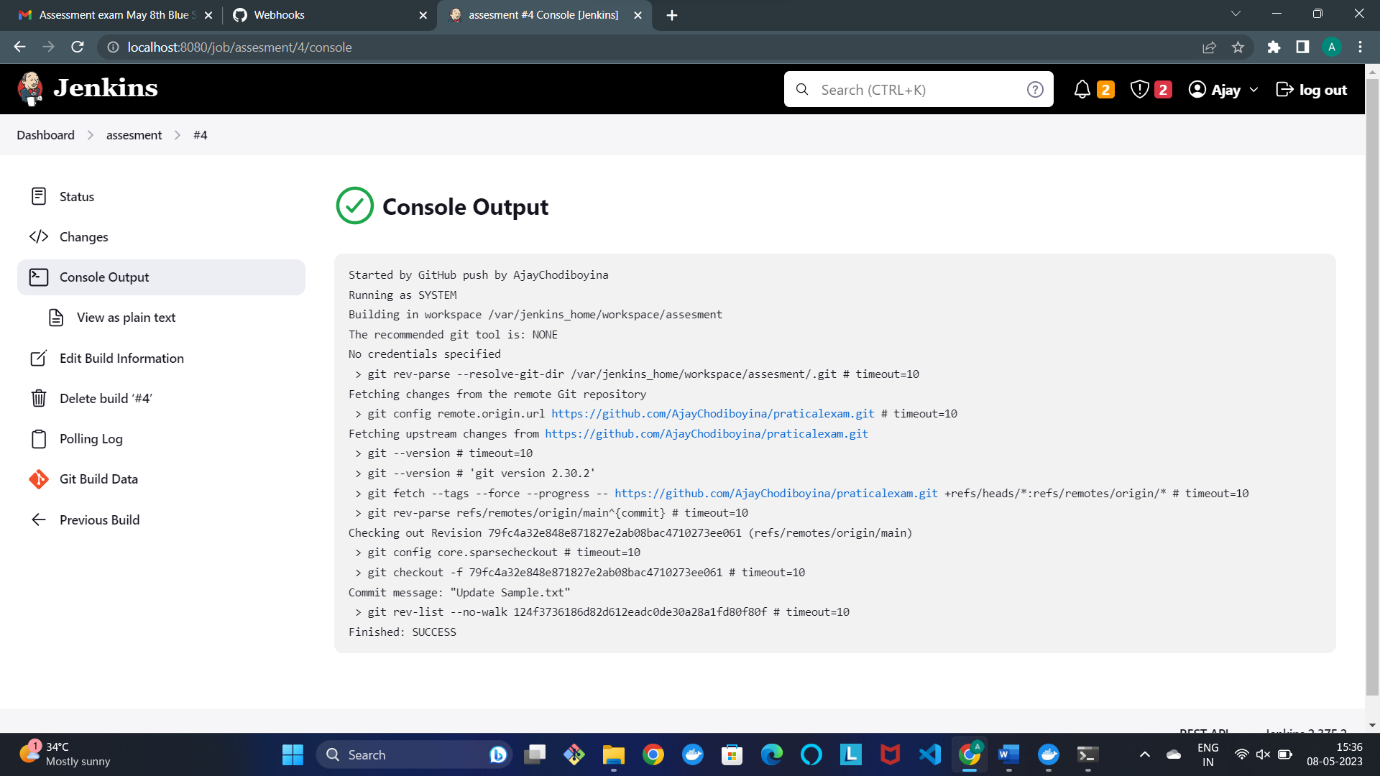
QUESTION-1:::::

Steps :

* Create a new git repo and clone it into your local system
* Create a file and add,push,commit into the git repo
* Open ngrok and give the command
  + Ngrok http 8080
  + Copy the ip address
* Open settings click on webhook in repo settings
* Add the url copied from ngrok and the webhook will be created
* Now, we need to run a jenkins container
* Open localhost:8080
* Create a new item
  + Freestyle job
  + As the webhook is implemented the build will happen automatically







**::::::::::Question 2::::::::::**

* Create a new item in jenkins
  + Select a pipline
  + Add Pipeline script

pipeline {

agent none

stages {

stage('bitbucket') {

steps {

script {

echo "Will store the code developed in bitbucket"

}

}

}

stage('jenkins') {

steps {

script {

echo "will build and package the code in jenkins using maven by implementing webhook "

}

}

}

stage('sonarkube') {

steps {

script {

echo "will check the code quality in sonarkube "

}

}

}

stage('test') {

steps {

script {

echo "will test the code"

}

}

}

stage('staging') {

steps {

script {

echo "code will be in staging area"

}

}

}

stage('push to nexus') {

steps {

script {

echo "push the image into nexus repo"

}

}

}

stage('deploy in openshift') {

steps {

script {

echo "deploy the images from nexus repo to openshift based on aws"

}

}

}

stage('datadog') {

steps {

script {

echo "implemet in datadog"

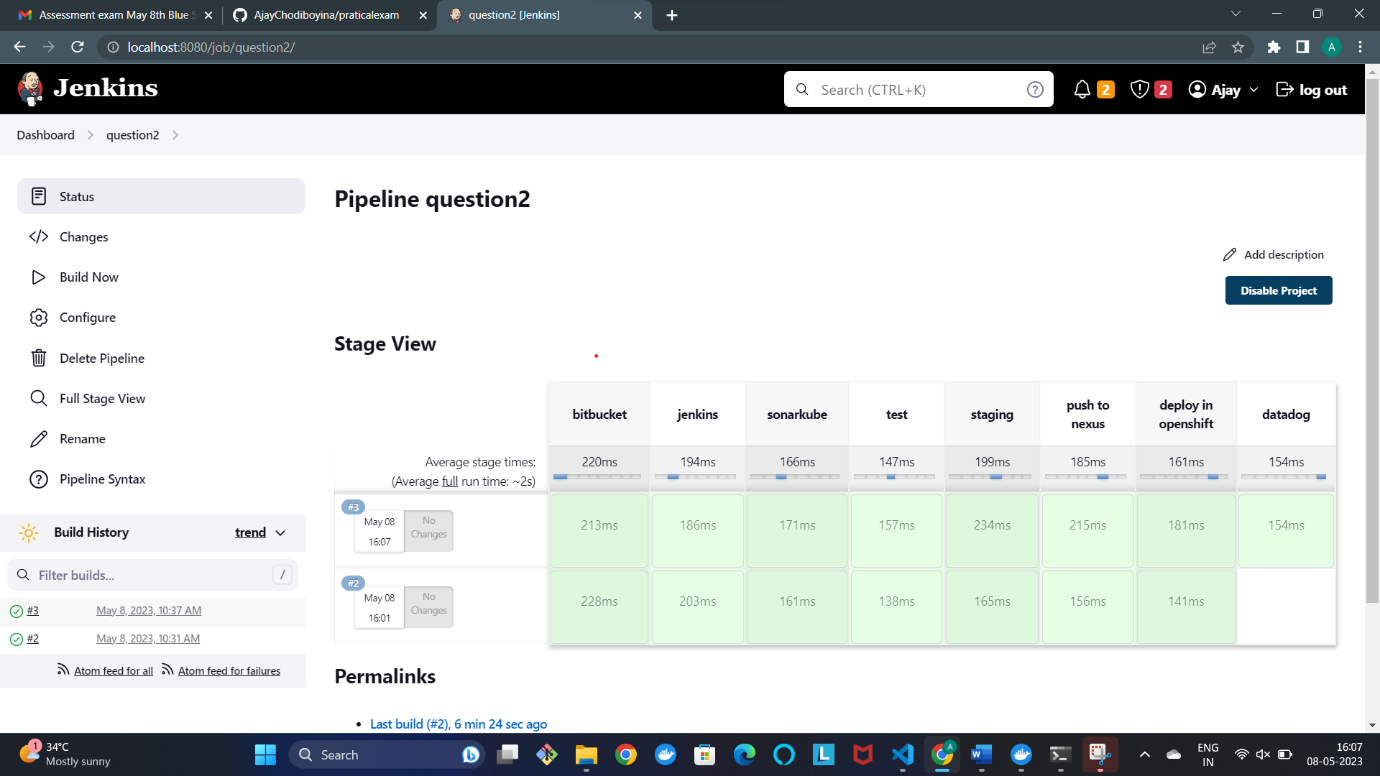
}

}

}

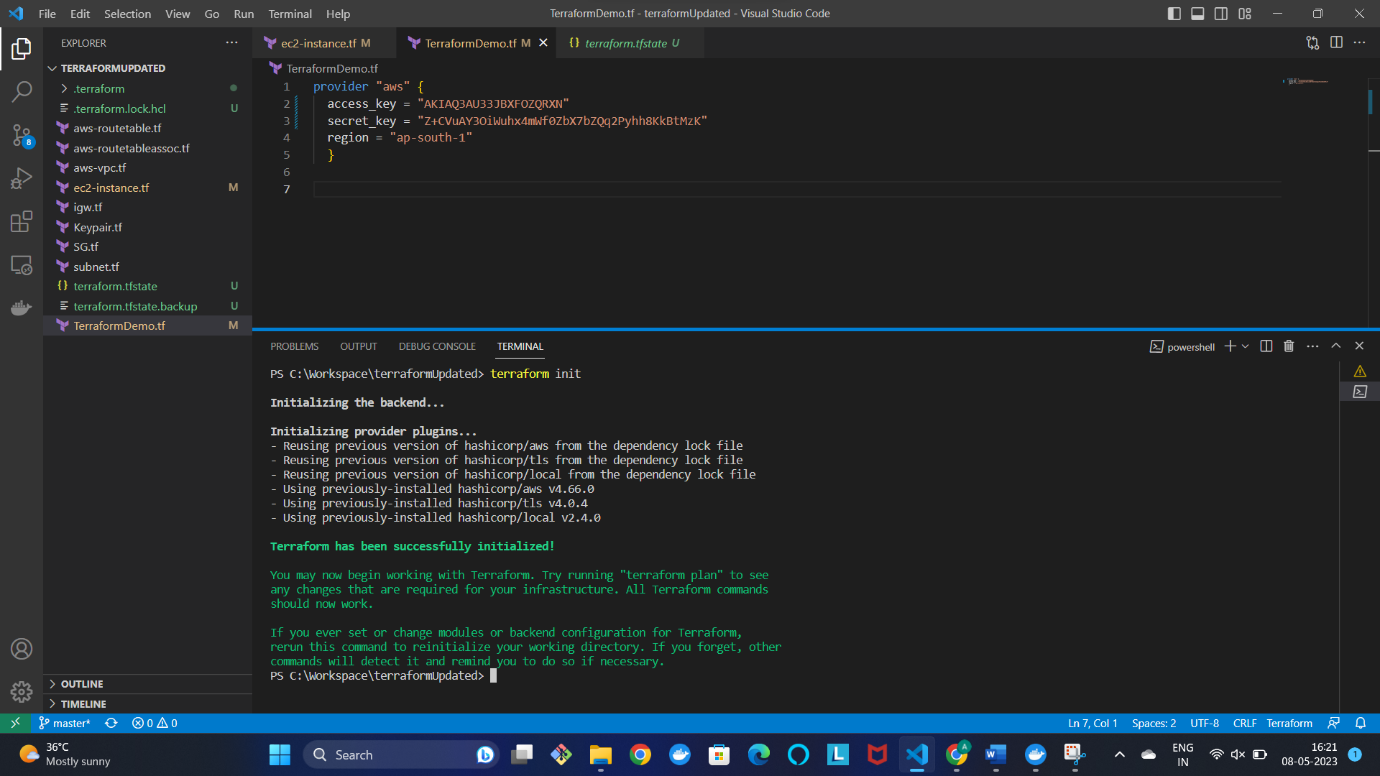
}

}

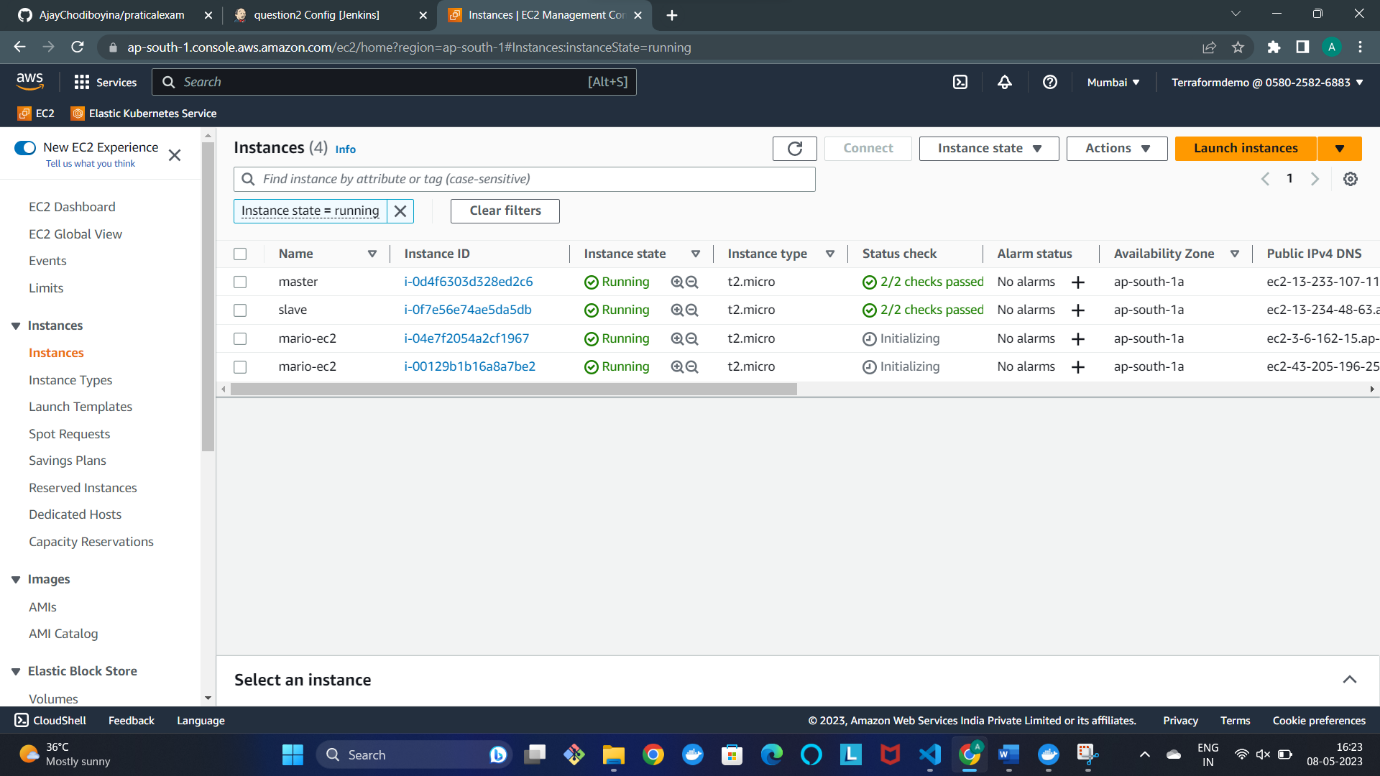


**::::::::Question 4::::::::**

* First we need to open the folder where our terraform file is located and open the terminal over there
* We need to change the access\_key, secret\_key and place your own keys
* There we need to give the commands
  + Terraform init
  + Terraform plan
  + Terraform apply

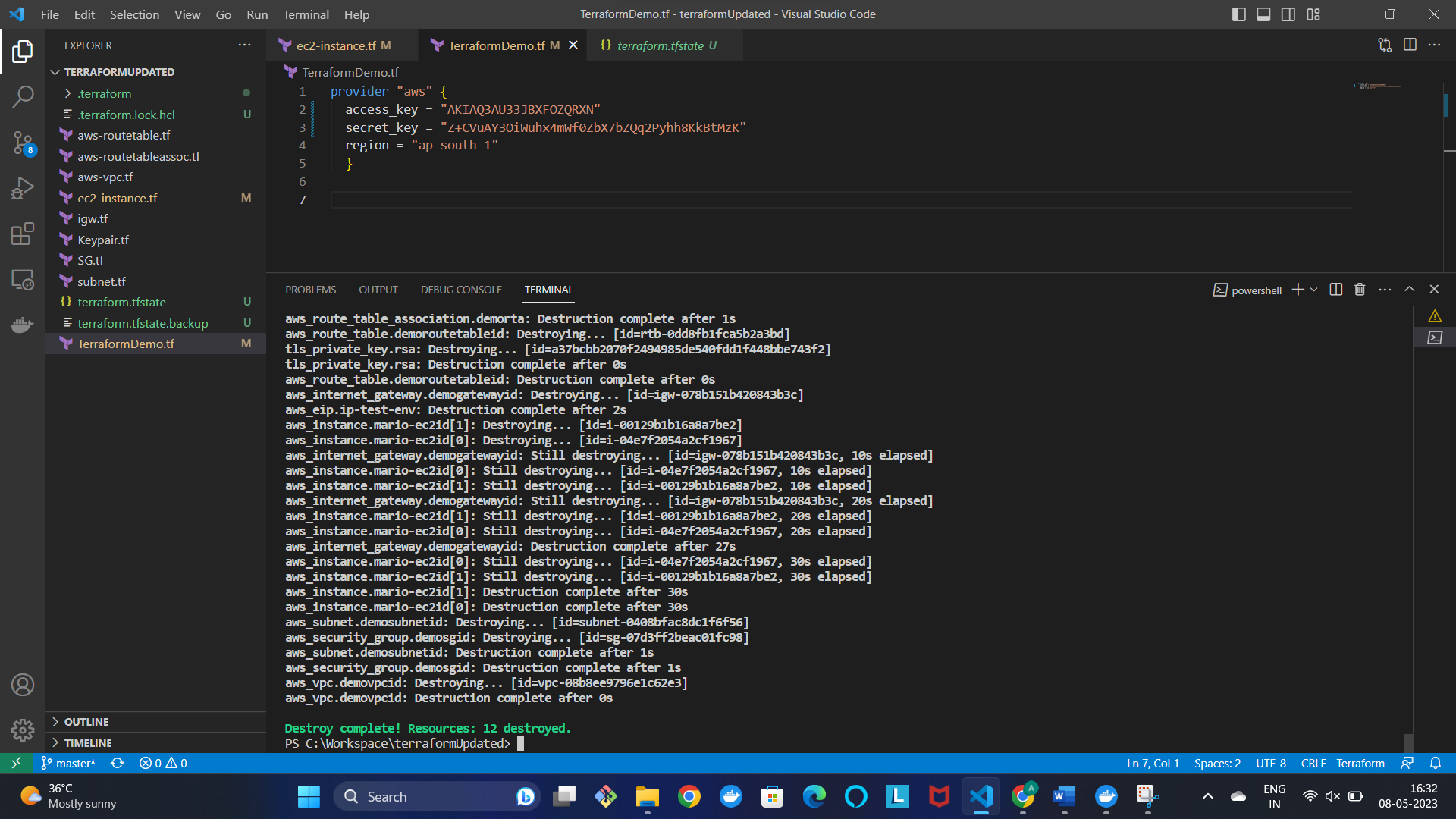
****

**Instances are created in our aws account using the keys provided**

****

**Destroy:::::**

* Use command
  + Terraform destroy



Destroyed in aws

