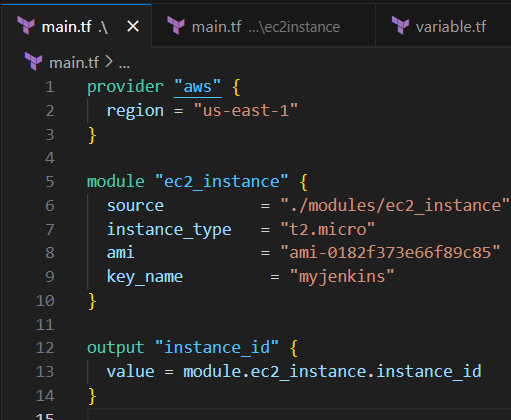
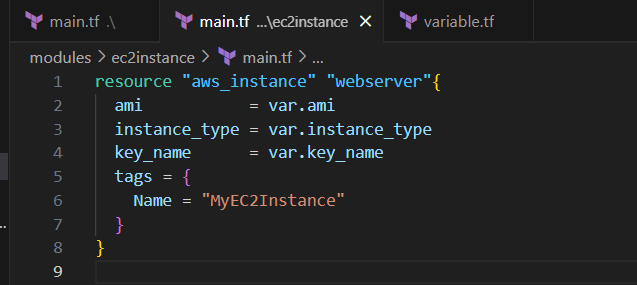
**TERRAFORM TASK 6**

Execute the script shown in video.

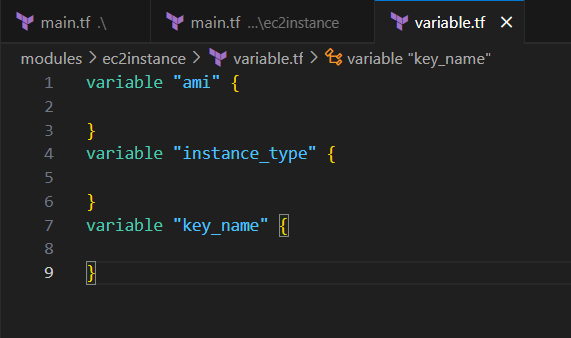
main.tf

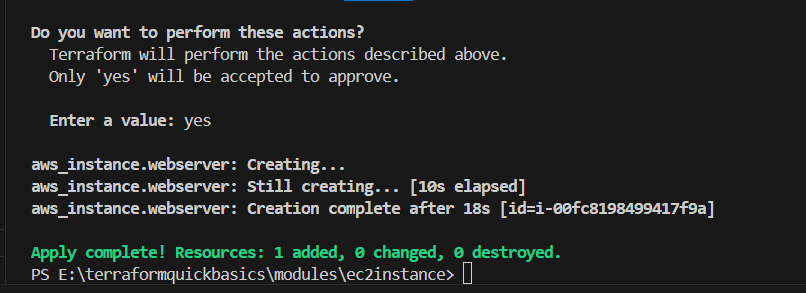
****

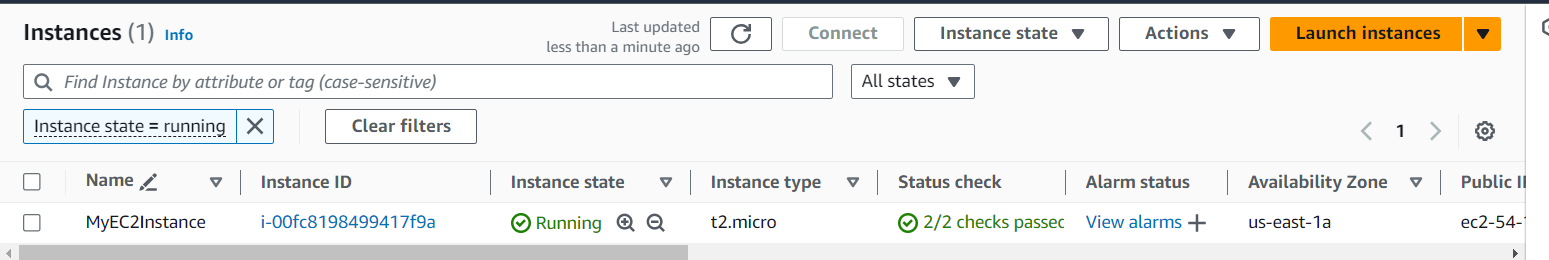
**main.tf \ec2 instance**

****

**Variable.tf**

****

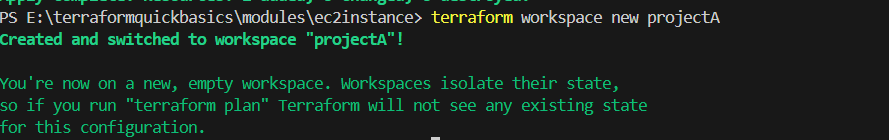
****

****

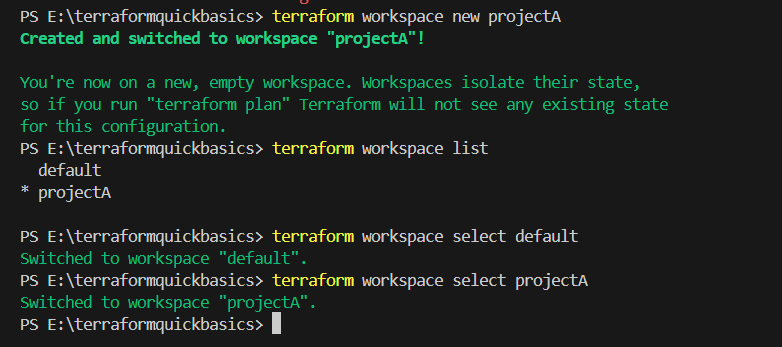
**Terraform workspaces**

**To create a workspace in a new terminal of vs code we need to give**

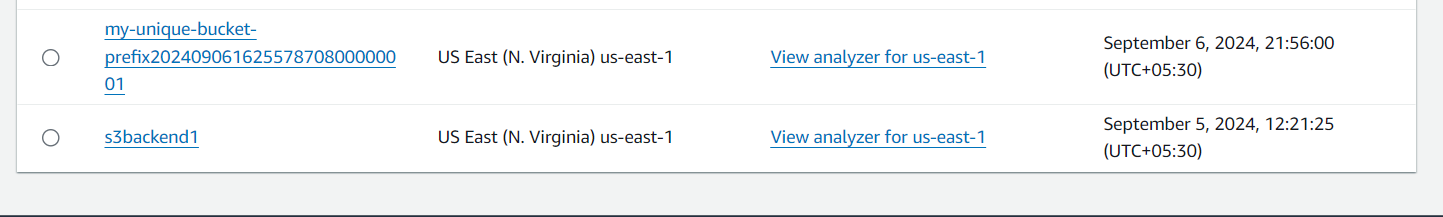
**Terraform workspace new project name**

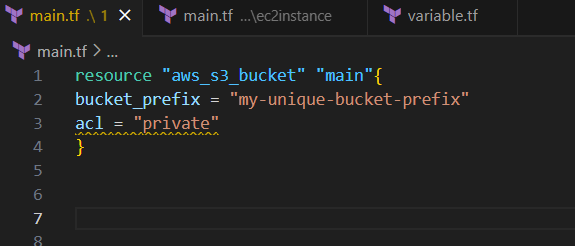
****

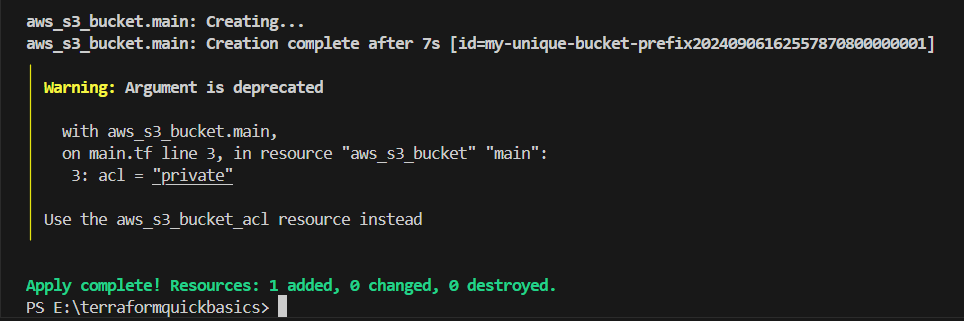
**To list the workspaces available we need to**

****

**Created s3**

****

****

****

**VPC-main.tf**

**Resource “aws\_vpc” “main”{**

**Cidr\_block = “172.68.0.0/16”**

**Enable\_dns\_support = true**

**Enable\_dns\_hostnames = true**

**Tags = {**

**Name = “main-vpc”**

**}**

**}**

**Output “VPC-name” {**

**Value = aws-vpc.main.id**

**}**

**Root-main.tf(declare modules her)**

**Provider “aws” {**

**Region = “us-east-1”**

**}**

**Module “VPC” {**

**Source = “./vpc”**

**}**

**Module “s3”{**

**Source = “./s3”**

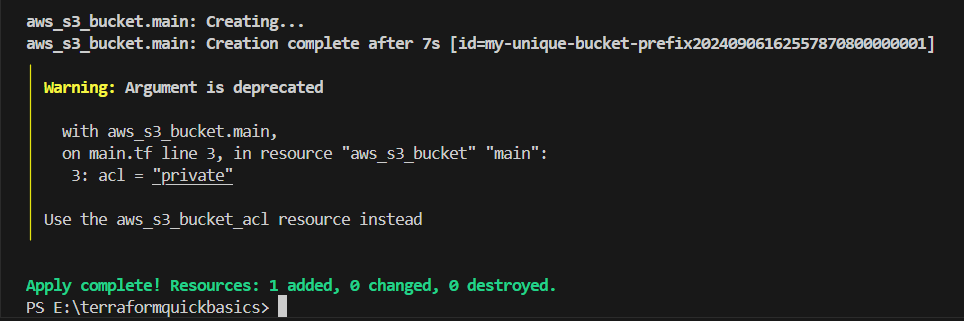
**}**

**Variable.tf**

**Variables “region”{**

**Description = “region to deploy resources”**

**Default = “us-east-1”**

****

**Main.tf/root:-**

**Provider “aws” {**

**Region = “us-east-1”**

**}**

**Module “ec2” {**

**Source = “./ec2”**

**Environment = var.environment**

**Ami\_id = var.ami**

**}**

**Output “instance\_id” {**

**Value = module.ec2.instance\_id**

**Ec2/main.tf:-**

**resource “aws\_instance” “main” {**

**ami\_id = var.ami\_id**

**instance\_type = “t2.micro”**

**subnet\_id = “id from vpc”**

**tags = {**

**Name = “${var.environment}-ec2-instance”**

**}**

**Variables.tf**

**Variable “environment” {**

**Description = “defining the environment prod,dev,staging”**

**Type = string**

**}**

**Variable “ami”{**

**Description = “giving ami name”**

**}**