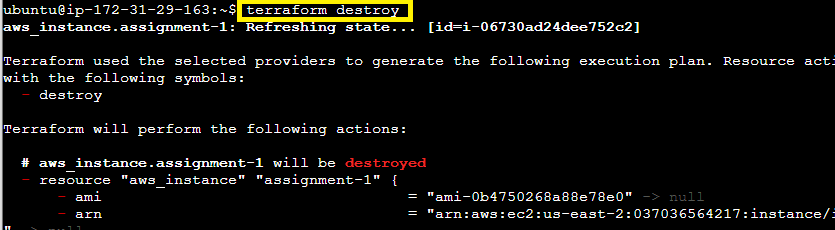
**Terraform Assignment – 2**

**Tasks to Be Performed:**

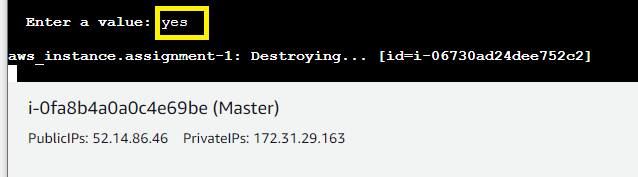
1. Destroy the previous deployment
2. Create a new EC2 instance with an Elastic IP

**Problem (1) Solution: Destroy the previous deployment**

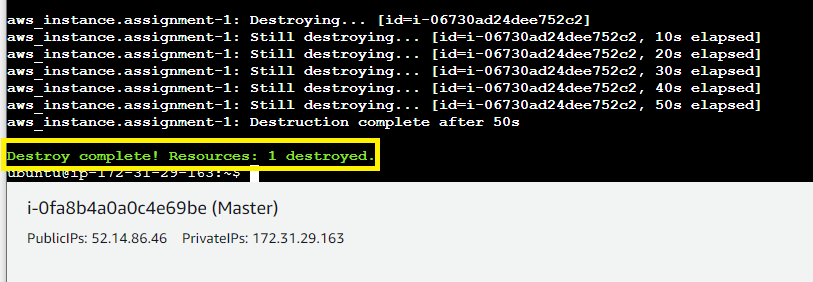
**Step 1: First, we** will **destroy** the **resources using** the **command: terraform destroy.**

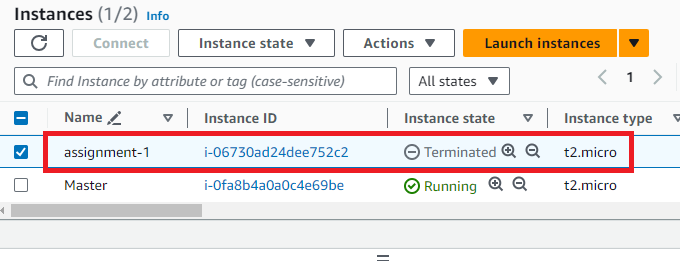
****

**Step 2: Type “yes”** to **destroy.**

****

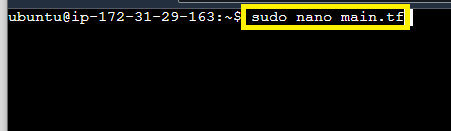
**Step 3: The instance [“assignment-1”]** has been **successfully terminated. It** will **take approximately 30 seconds** to **destroy.**

****

****

**Problem (2) Solution: Create a new EC2 instance with an Elastic IP**

**Step 1: Create a .tf file using the command: sudo nano main.tf**

****

**Step 2: Paste** this **script** to **create** an **EC2 Instance** with the **help** of **“EIP Address”.**

**provider "aws" {**

**region="us-east-2"**

**access\_key="AKIAQRH4ND34WNGRNWOP"**

**secret\_key="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"**

**}**

**resource "aws\_instance" "assignment2" {**

**ami = "ami-0b4750268a88e78e0"**

**instance\_type = "t2.micro"**

**tags = {**

**Name = "assignment2"**

**}**

**}**

**resource "aws\_eip" "eip" {**

**domain = "vpc"**

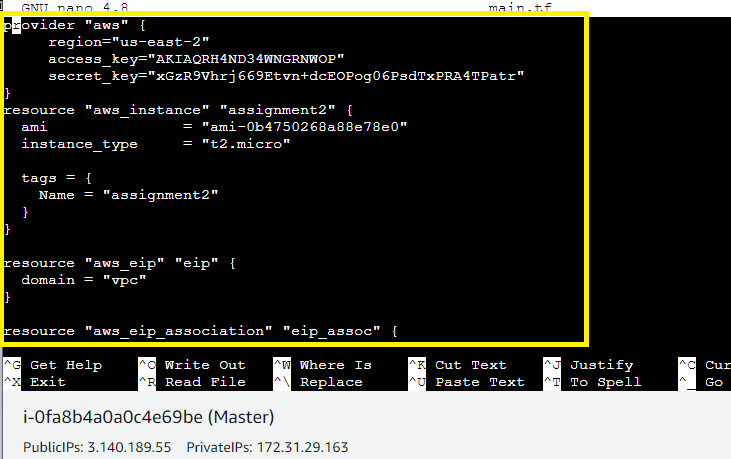
**}**

**resource "aws\_eip\_association" "eip\_assoc" {**

**instance\_id = aws\_instance.assignment2.id**

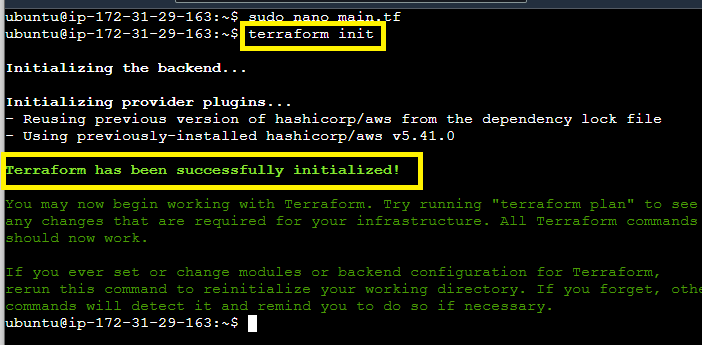
**allocation\_id = aws\_eip.eip.id**

**}**

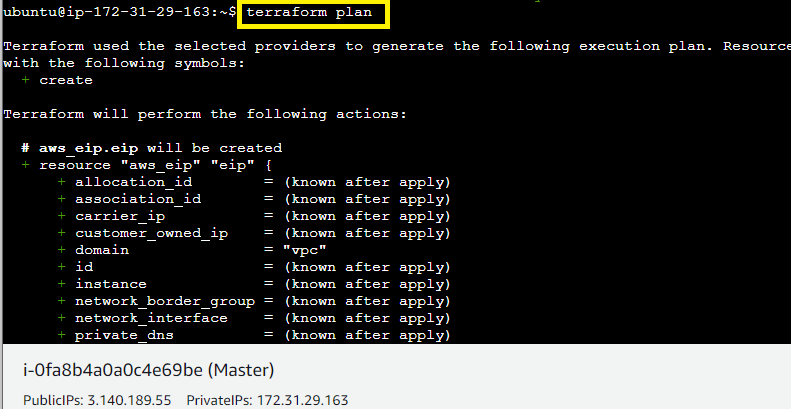
****

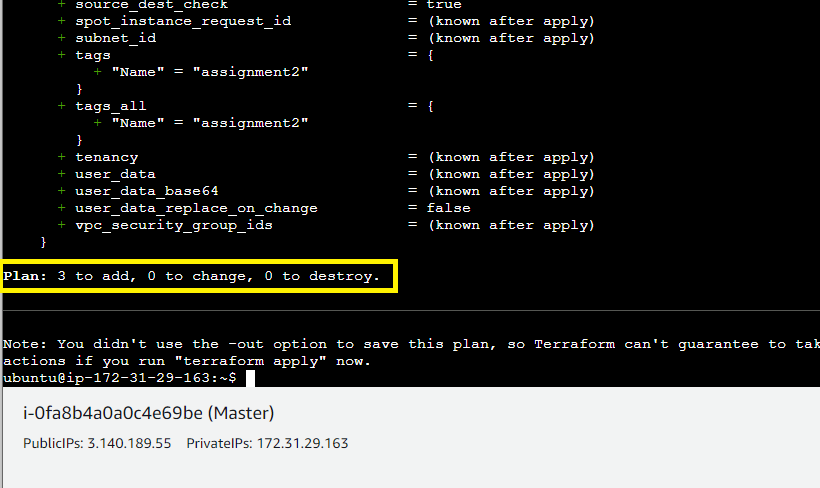
**Do “CTRL+X”** to **exit** & **Press “Yes”** to **save** the **content. Also, press “enter” from** the **keyboard** for **complete exit.**

**Step 3: Run** this **command** to **initialize** the **terraform: terraform init.**

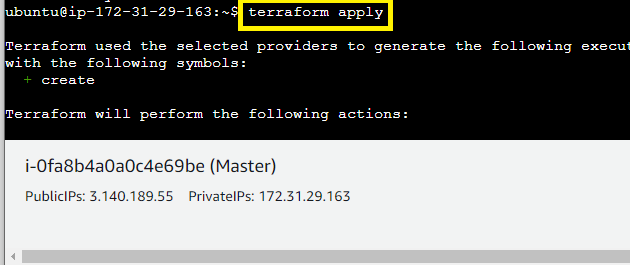
****

**Step 4: Run** the **“terraform plan” command** to **execute** the **plan.**

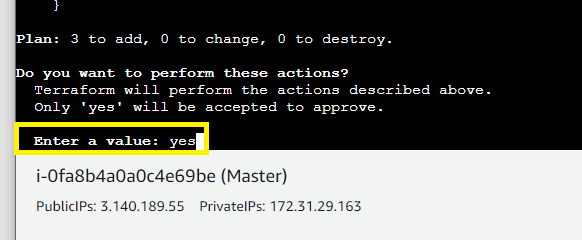
****

****

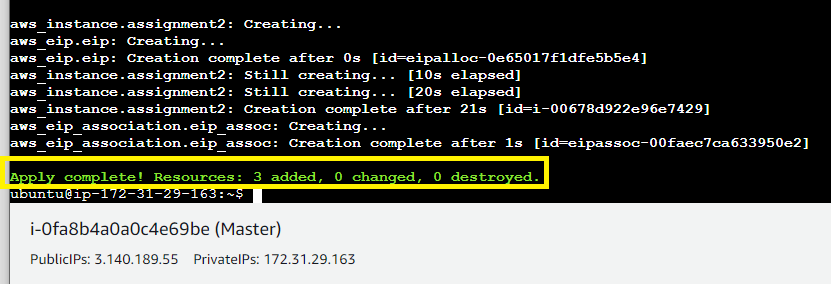
**Step 5: Run** the **“terraform apply” command** to **create** the **infrastructure.**

****

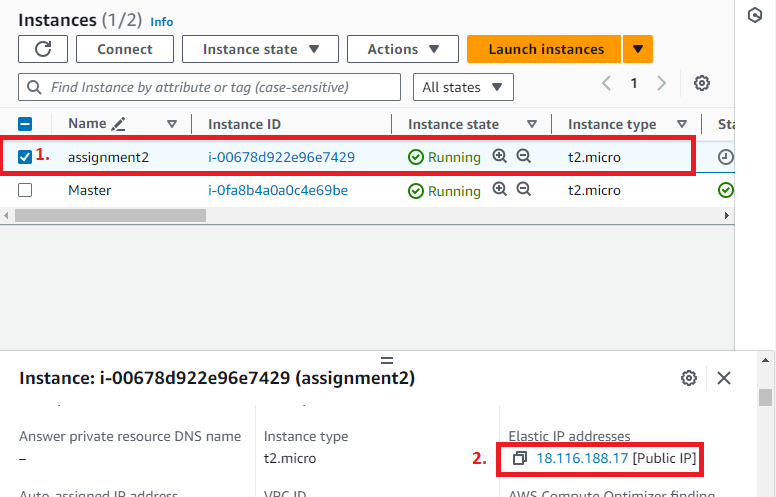
**Step 6: Type “yes”** to **create** the **infrastructure.**

****

**Step 7: The instance** with **“Elastic IP Address”** has been **successfully created** within **30 seconds.**

****

**Step 8: Go** to thes **“Instance” section** & **your instance (assignment2)** will be **successfully created** with **Elastic IP Address (18.116.188.17).**

****

**🡨---------------------------------Assignment2 Completed-----------------------🡪**