Tasks To Be Performed:

1. Destroy the previous deployment

2. Create a new EC2 instance with an Elastic IP

Procedure: -

terraform {  
 required\_providers {  
 aws = {  
 source = "hashicorp/aws"  
 version = "~> 5.0"  
 }  
 }  
}  
provider "aws" {  
 region = "us-east-2" # Ohio region  
 access\_key = "AKIAQW5DPDIEH5ZZNEEK"  
 secret\_key = "DfIywSGE7fqvodkrg5ou0DPugElFDZ9mg0wLfNJj"  
}  
  
resource "aws\_instance" "example" {  
 ami = "ami-0f5daaa3a7fb3378b" # Specify the desired AMI ID  
 instance\_type = "t2.micro" # Specify the instance type  
  
 subnet\_id = "subnet-0f5a9e62ce45e4336" # Specify the ID of the default subnet **in** Ohio  
 tags = {  
 Name = "example-instance"  
 }  
}  
resource "aws\_eip" "elasticIp" {  
 instance = aws\_instance.example.id   
 domain = "vpc"  
}  
output "EiP" {  
 value = aws\_eip.elasticIp.public\_ip  
}

After writing run the code terraform init and terraform apply

The output are as follows.



