Tasks To Be Performed:

1. Create an EC2 service in the default subnet in the Ohio region

Procedure: -

87 sudo nano kabi.sh  
 88 cd newTerra  
 89 mkdir newTerra  
 90 ls  
 91 cd newTerra  
 92 terraform init  
 93 sudo nano kabi.tf  
 94 terraform plan  
 95 terraform init  
 96 terraform plan  
 97 sudo nano kabi.tf  
 98 terraform validate  
 99 sudo terraform fmt  
 100 terraform plan  
 101 terraform apply  
 102 cd   
 103 history

Kabi.sh

wget -O- https://apt.releases.hashicorp.com/gpg | sudo gpg --dearmor -o /usecho "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] httsudo apt update && sudo apt install terraform -cs) main" | sudo tee /etc/apt/sources.list.>

kabi.tf

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"  
 }  
}

