**Terraform script to create instances:**

provider "aws" {

region = "us-east-1"

access\_key = "AKIASGCSZIN67DDWAIRD"

secret\_key = "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"

}

resource "aws\_instance" "MYAWSVM" {

count = 2

ami = "ami-0fe8bec493a81c7da"

instance\_type = "t3.micro"

tags = {

Name = "tf\_instance"

}

}

wget -O- https://apt.releases.hashicorp.com/gpg | sudo gpg --dearmor -o /usr/share/keyrings/hashicorp-archive-keyring.gpg

echo "deb [signed-by=/usr/share/keyrings/hashicorp-archive-keyring.gpg] https://apt.releases.hashicorp.com $(lsb\_release -cs) main" | sudo tee /etc/apt/sources.list.d/hashicorp.list

sudo apt update && sudo apt install terraform

**Terraform script using variables**

provider "aws" {

region = "us-east-1"

access\_key = "AKIASGCSZIN67DDWAIRD"

secret\_key = "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"

}

resource "aws\_instance" "MYAWSVM" {

count = “${I\_Count }”

ami = "AMI"

instance\_type = "t3.micro"

tags = {

Name = "tf\_instance - ${count.index}"

}

}

**Variable file for terraform script**

**Vi vars.tf**

variable “AMI” {

description=“Amazon Machine Image Value”

default=“ami-0fe8bec493a81c7da”

}

variable “I\_Type” {

description=“Amazon Instance Type”

default = “t2.micro”

}

variable “I\_Count” {

description=“Amazon Instance Count”

default=“3”

}

variable “I\_Region” {

description=“Amazon Region”

default=“ us-east-1”

}