## **SPCM LAB-5**

Objective: Learn how to define and use variables in Terraform configuration.

Create a file variable.tf with the following contents.

```
gauravbhandari@gauravs-MacBook-Air-2 aws-terraform-demo % touch variable.tf

variable.tf > variable "countNumber"

variable "ubuntu_ami" {

type = string

default = "ami-03f4878755434977f"

yariable "instance_type" {

type = string

default = "t2.micro"

yariable "countNumber" {
```

· Use the variable declared and defined in variable.tf in instance.tf

= number

type

default = 1

10

11 12

 Run the command terraform plan and review the plan to see if it meets your expectations

Run terraform apply and create the resources.

```
o gauravbhandari@gauravs—MacBook—Air—2 aws—terraform—demo % terraform apply —var "ubuntu_ami=ami—03f487875543
4977f" —var "instance_type=t2.micro" —var "countNumber=1"
```

```
Plan: 1 to add, 0 to change, 0 to destroy.

aws_instance.UPES1[0]: Creating...

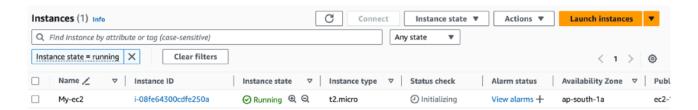
aws_instance.UPES1[0]: Still creating... [10s elapsed]

aws_instance.UPES1[0]: Still creating... [20s elapsed]

aws_instance.UPES1[0]: Still creating... [30s elapsed]

aws_instance.UPES1[0]: Creation complete after 33s [id=i-08fe64300cdfe250a]

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
```



 When you are done experimenting, run the following command to destroy the created resources.



