LAB 1: GCP-Create a Project Module in Terraform

(Kavitha B)

Experimenting with GCP

<u>Below is the main.tf code -</u> Specifies provider is google, machine type, tags, network and can update when VM is running.

```
terraform {
  required_providers {
    google = {
     source = "hashicorp/google"
    }
  }
provider "google" {
  region = "us-central1"
 zone = "us-central1-c"
}
resource "google_compute_instance" "terraform" {
  name = "terraform"
  machine_type = "n1-standard-1"
 tags = ["web", "dev"]
  boot_disk {
    initialize_params {
     image = "debian-cloud/debian-11"
    }
  }
network_interface {
    network = "default"
    access_config {
  }
allow_stopping_for_update = true
```

Terraform installation can be verified using the Terraform –version command.

Commands executed:

terraform init

terraform plan

terraform apply

terraform destroy

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