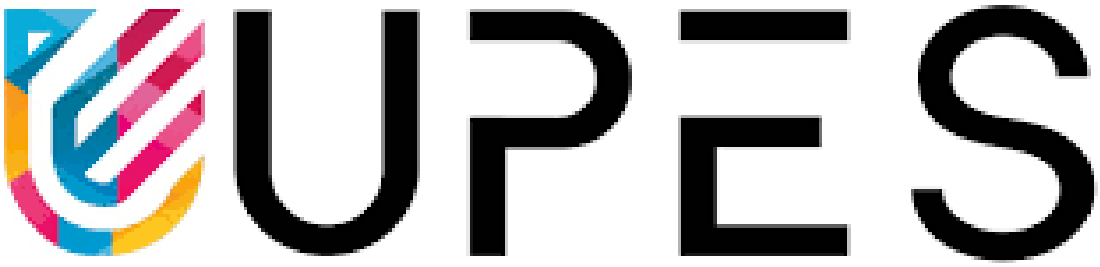


SPCM - LAB

6th Sem

Submitted To:

Dr. Hitesh Kumar Sharma

School of Computer Science

Submitted By:

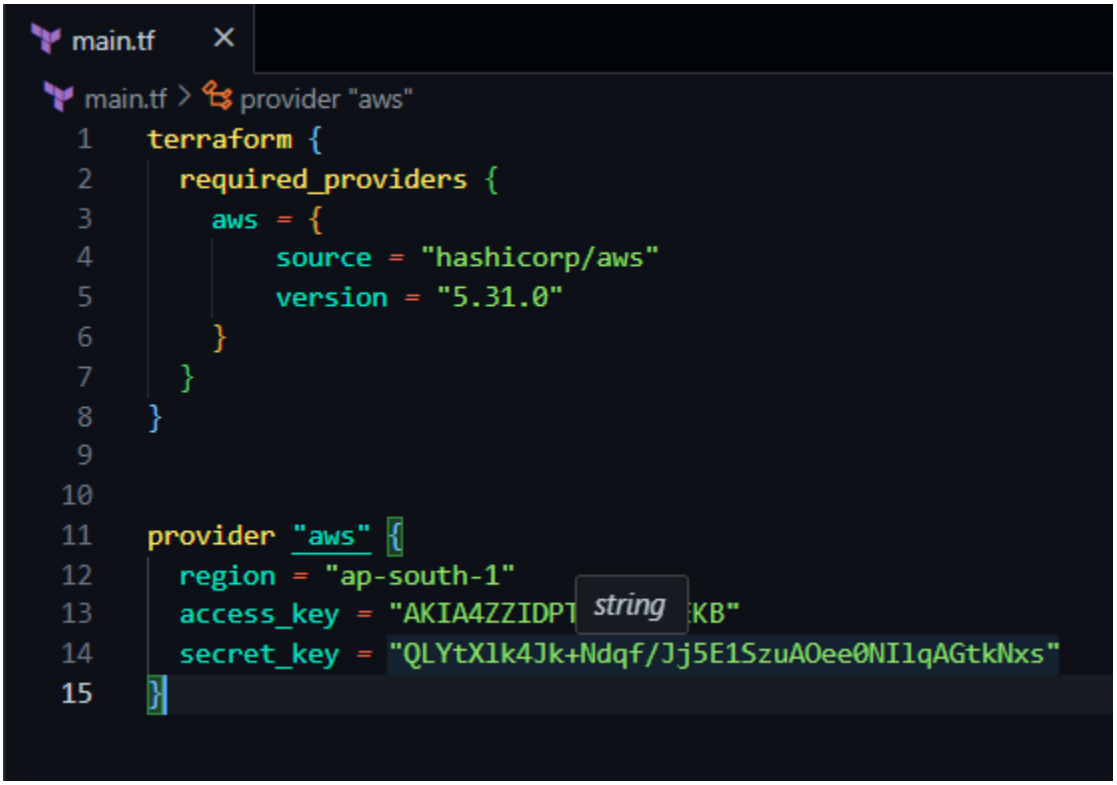
Sujal Bhandari

R2142220181

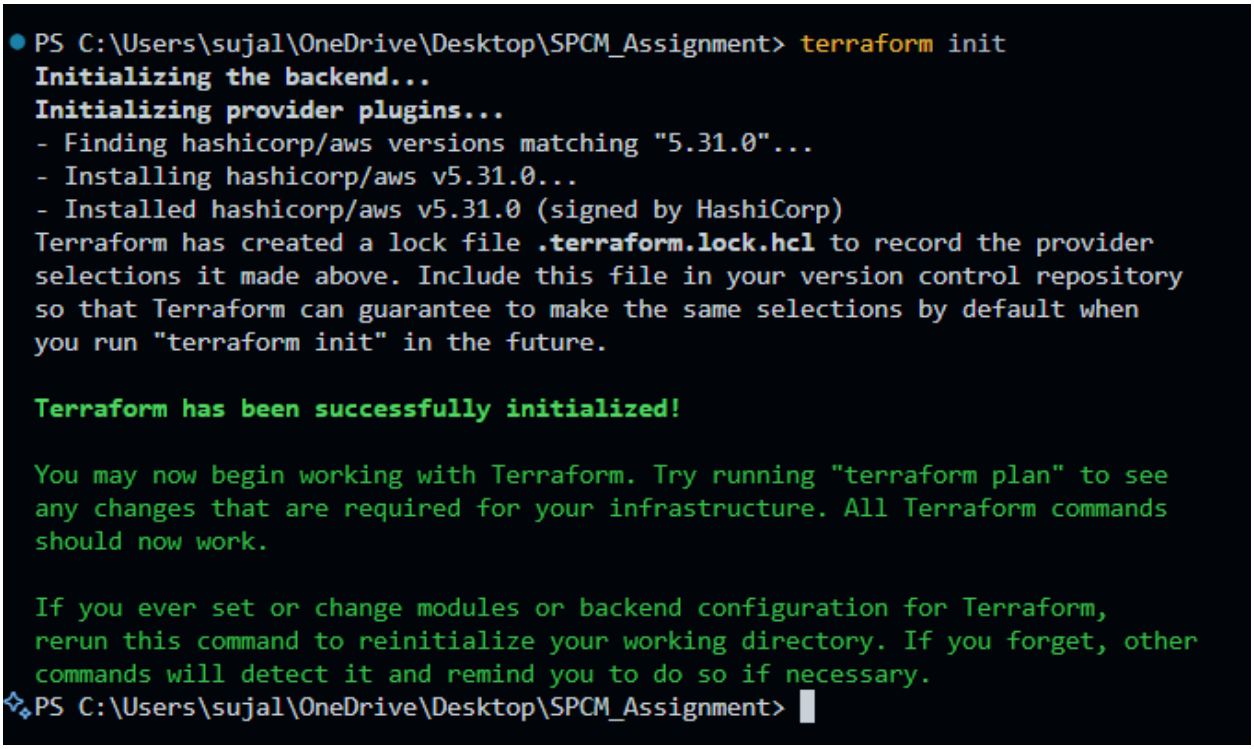
500106865

Batch 1-NH

Writing Terraform Scripts to perform the following task 2 ec2 Instances, VPN and S3
main.tf

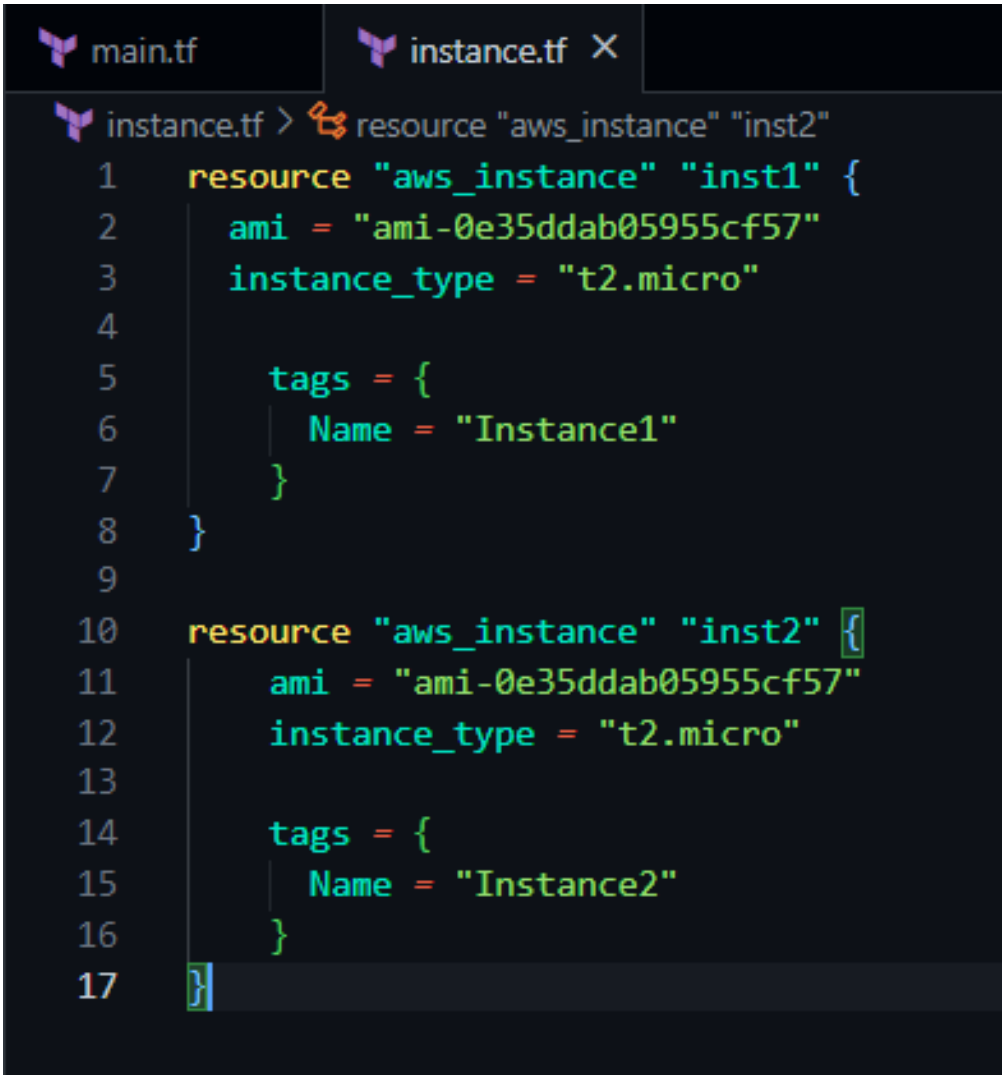


Running terraform init



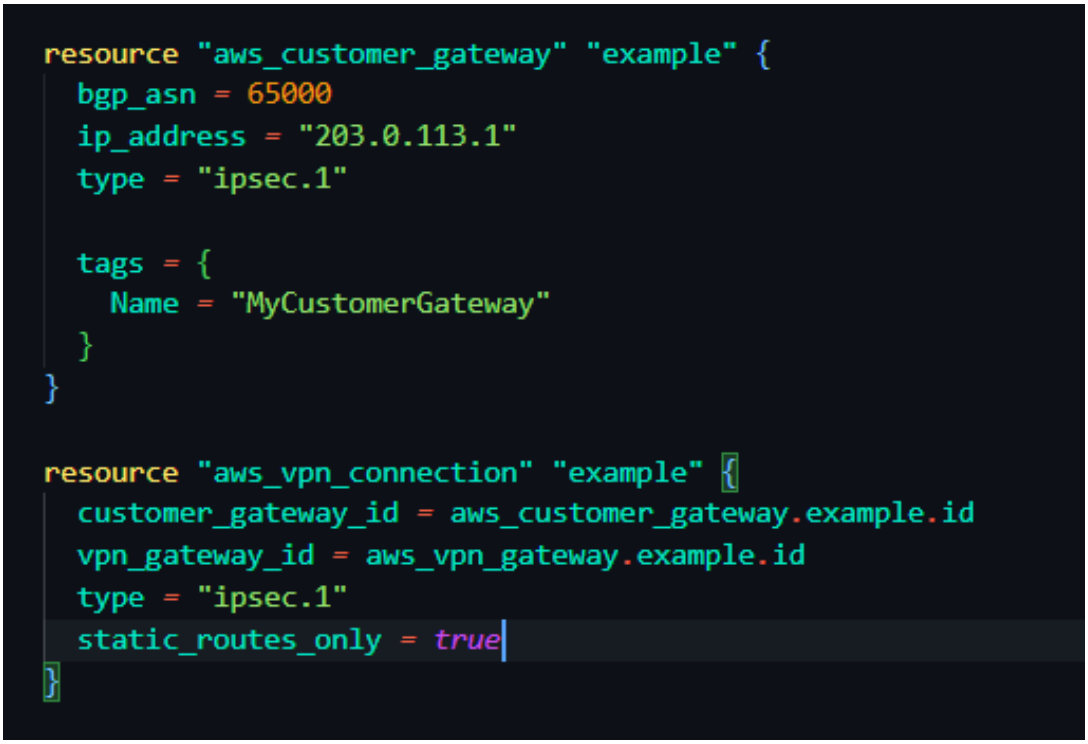
Terraform init to initialize the terraform folder which will have the aws provider plugin installed

instance.tf



This file holds the iac code to make 2 instances - t2-micro ec2 machines

resource.tf



This resource.tf hold the iac code to create vpc , the customer gateway and the vpn connection.

s3.tf

```
s3.tf > ...
1   resource "aws_s3_bucket" "example" {
2     bucket = "sujal-s3"
3     acl = "private"
4   }
5
6
```

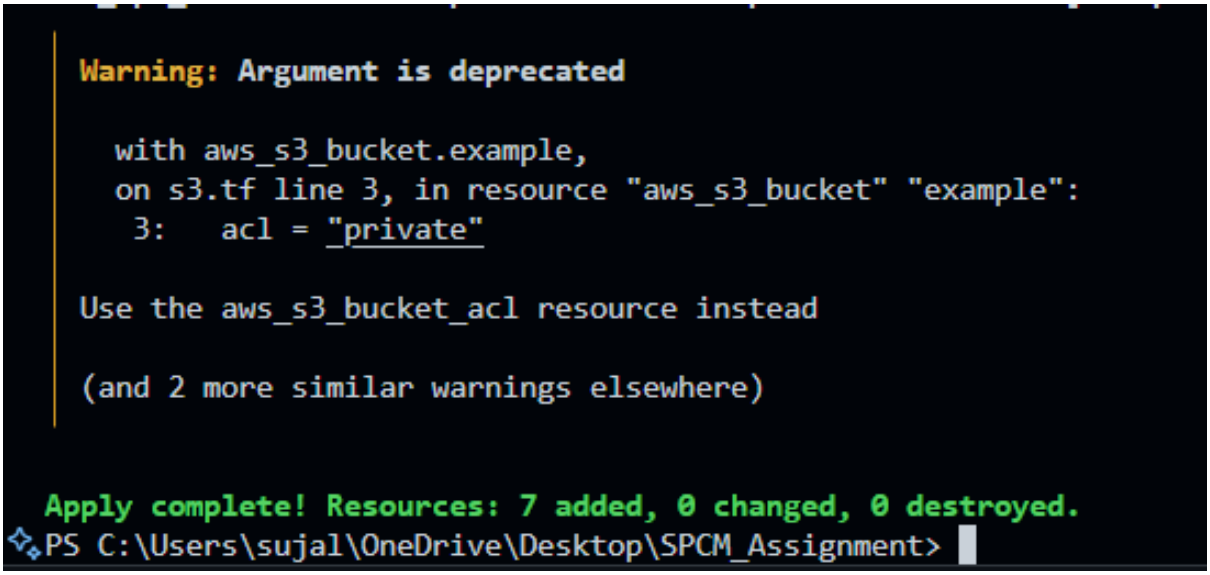
The s3.tf hold the code to create a s3 bucket which has a unique name

Outputs:
terraform plan

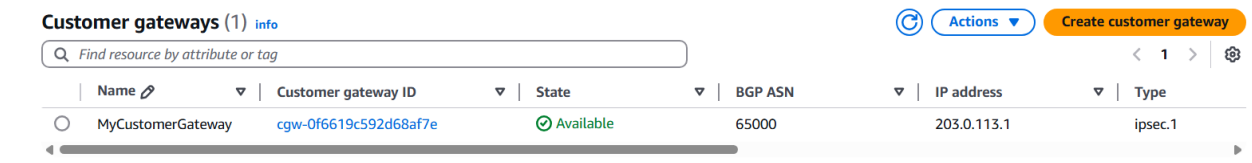
```
# aws_vpn_gateway.example will be created
+ resource "aws_vpn_gateway" "example" {
    + amazon_side_asn = (known after apply)
    + arn             = (known after apply)
    + id              = (known after apply)
    + tags            = {
        + "Name" = "MyVPNGateway"
      }
    + tags_all        = {
        + "Name" = "MyVPNGateway"
      }
    + vpc_id          = (known after apply)
  }

Plan: 7 to add, 0 to change, 0 to destroy.
```

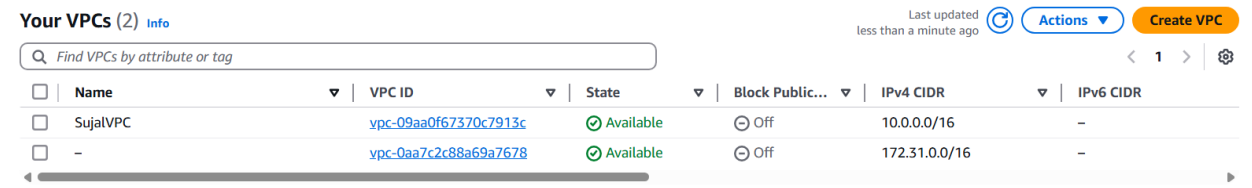
Terraform apply



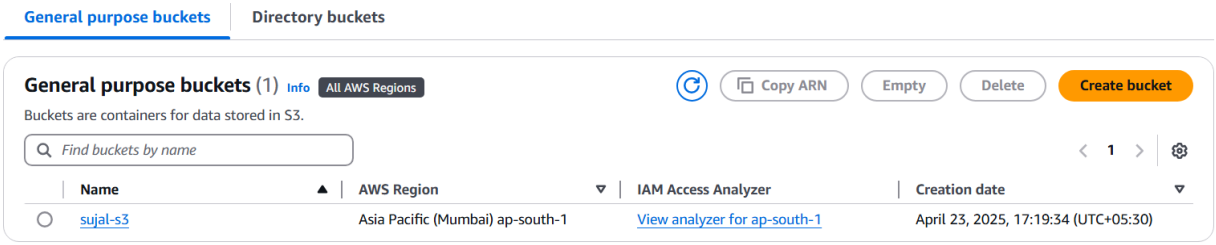
Customer Gateway



Vpc



S3



Instances