EXPERIMENT-8

STEP 1: Make a main.tf file with the following configuration:

terraform {

required\_providers {

aws = {

source = "hashicorp/aws"

version = "5.31.0"

}

}

}

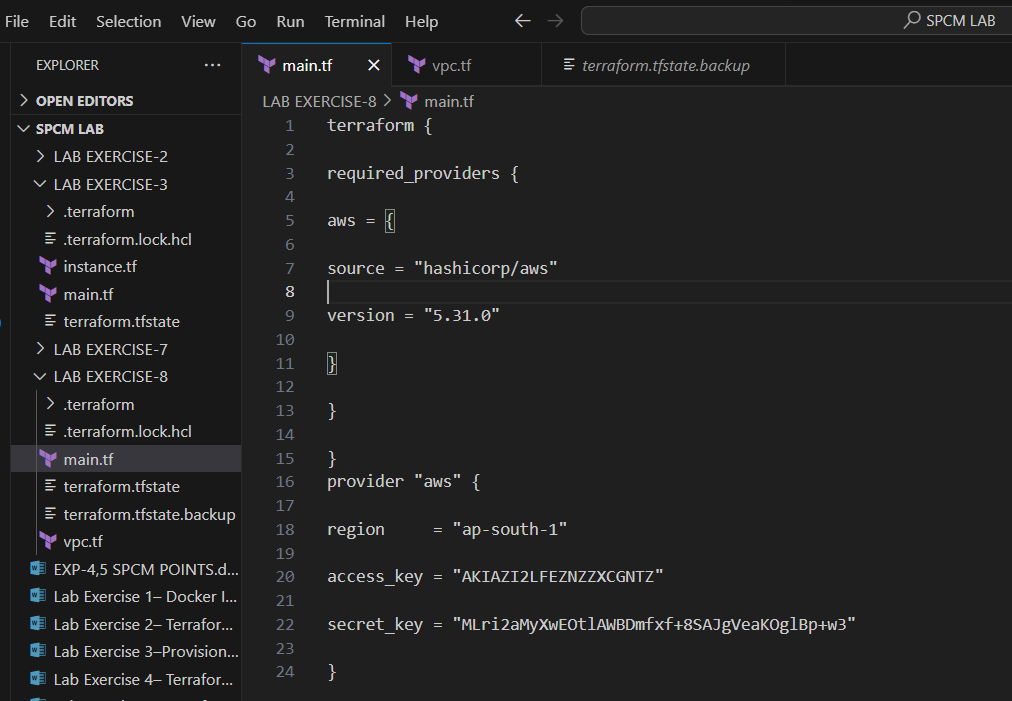
provider "aws" {

region = "ap-south-1"

access\_key = "AKIAZI2LFEZNZZXCGNTZ"

secret\_key = "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"

}



STEP 2: Make a vpc.tf file with the following configuration:

resource "aws\_vpc" "my\_vpc" {

cidr\_block = "10.0.0.0/16"

enable\_dns\_support = true

enable\_dns\_hostnames = true

tags = {

Name = "MyVPC"

}

}

resource "aws\_subnet" "my\_subnet" {

count = 2

vpc\_id = aws\_vpc.my\_vpc.id

cidr\_block = "10.0.${count.index + 1}.0/24"

availability\_zone = "ap-south-1a"

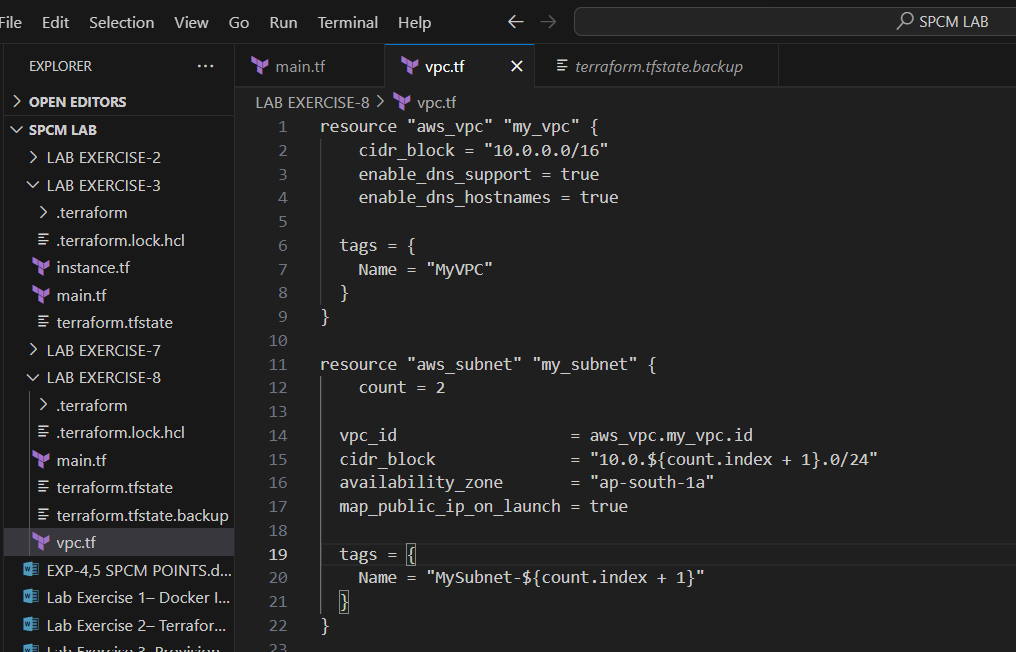
map\_public\_ip\_on\_launch = true

tags = {

Name = "MySubnet-${count.index + 1}"

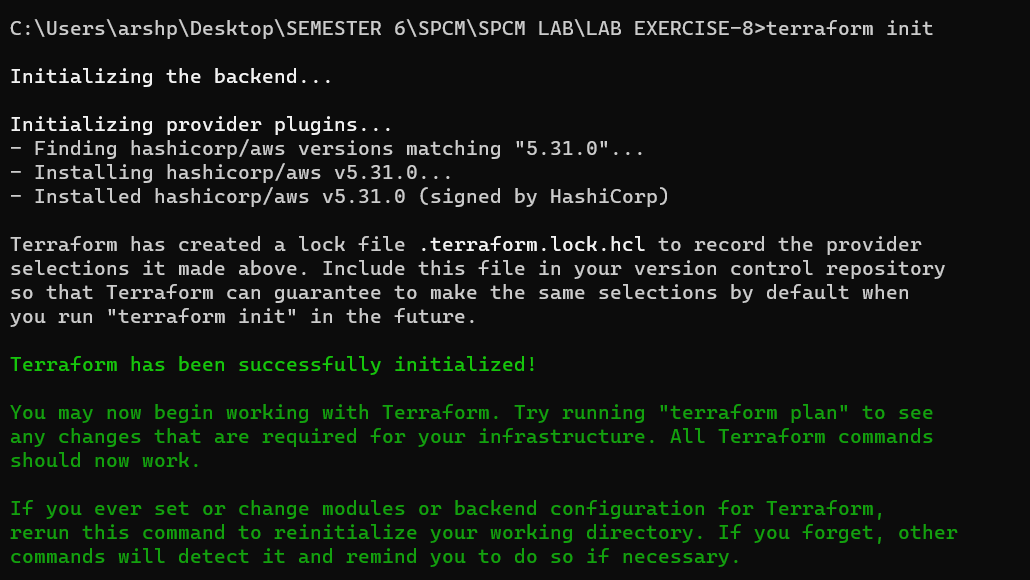
}

}

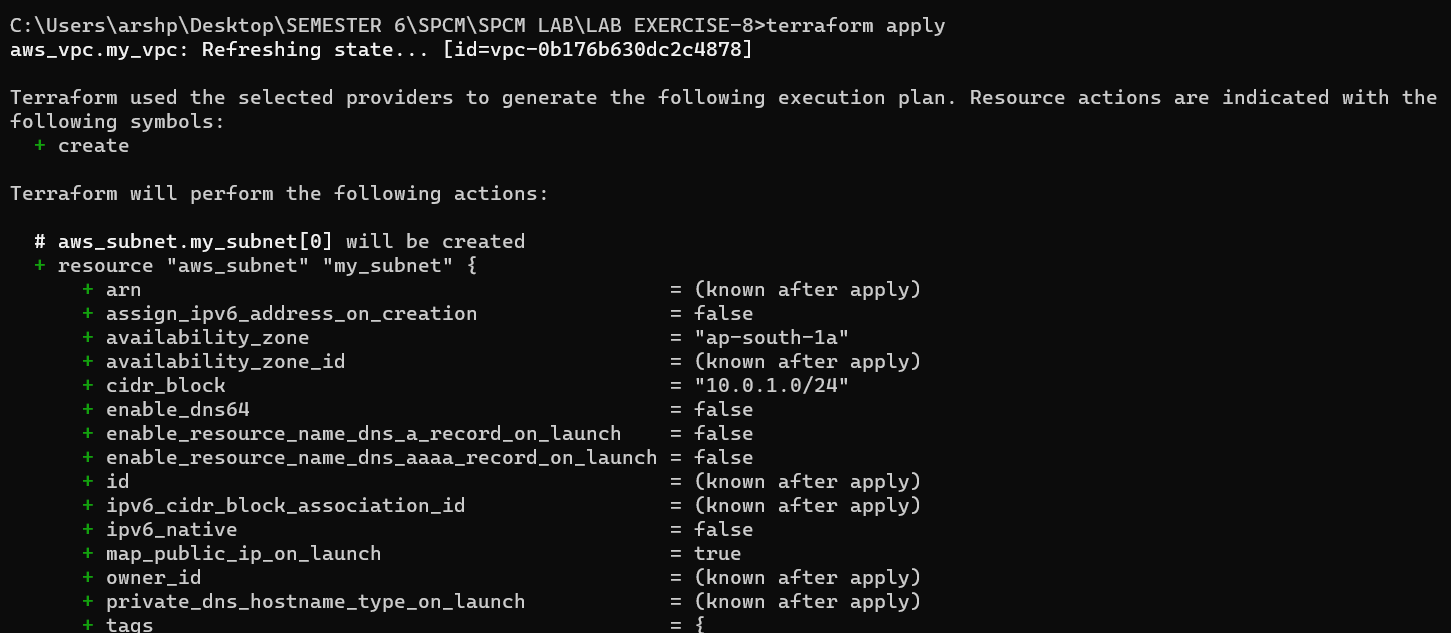


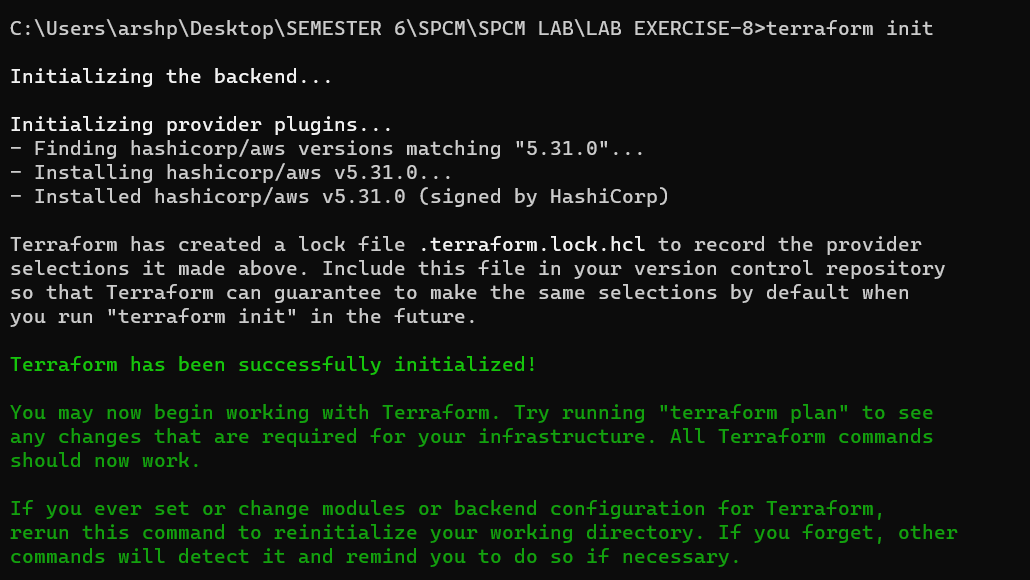
OPEN CLI and apply the following commands:

* Terraform init

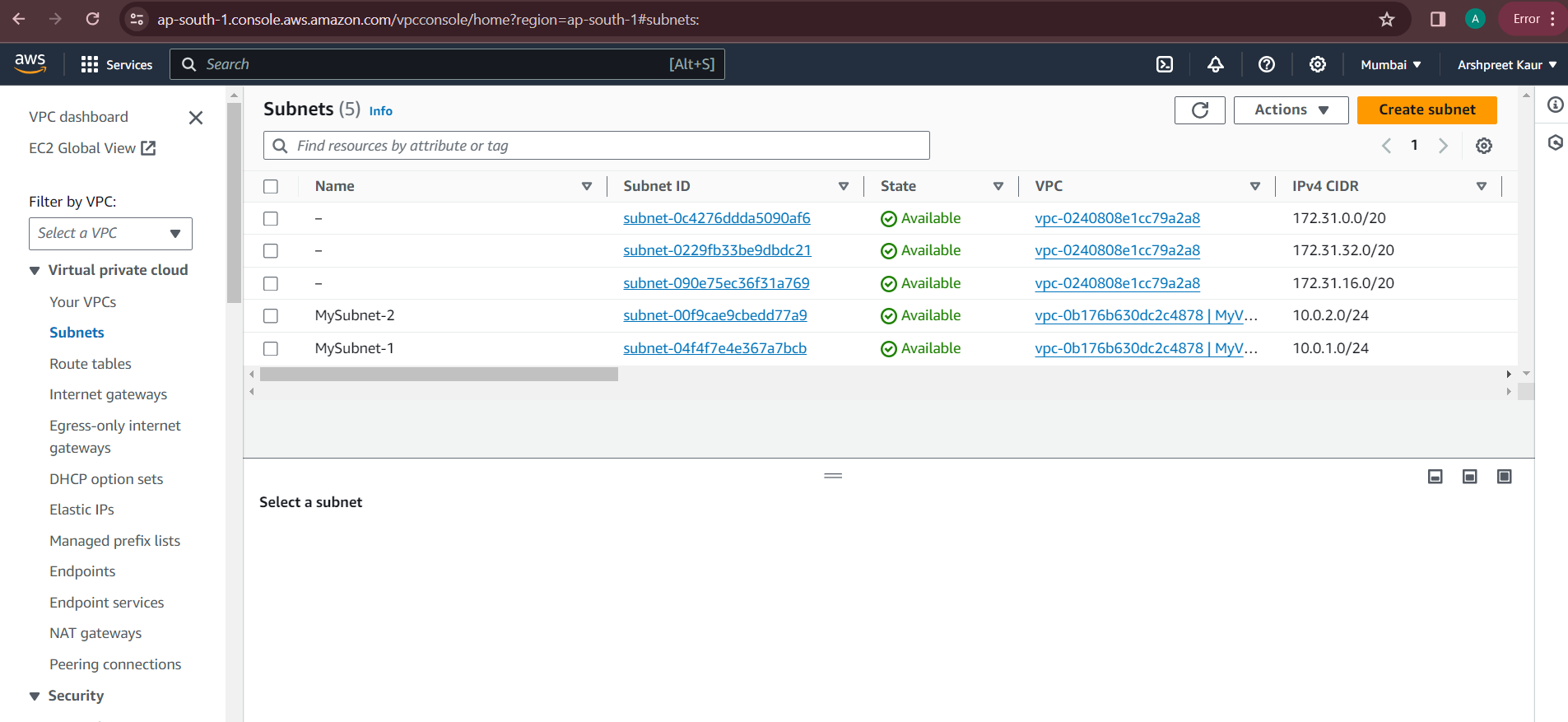


* Terraform apply





OUTPUT:



STEP 3: After testing, you can clean up the VPC and subnets:

* Terraform destroy

