terraform {

required\_providers {

aws = {

source = "hashicorp/aws"

version = "5.10.0"

}

}

}

provider "aws" {

region = "ap-south-1"

access\_key = "\*\*\*\*\*"

secret\_key = "\*\*\*\*\*"

}

#create VPC

resource "aws\_vpc" "isha-29072023" {

cidr\_block = "10.0.0.0/16"

instance\_tenancy = "default"

tags = {

Name = "isha-29072023"

}

}

#create subnets

resource "aws\_subnet" "Isha-Public-Subnet" {

vpc\_id = aws\_vpc.isha-29072023.id

cidr\_block = "10.0.1.0/24"

tags = {

Name = "Isha-Public-Subnet"

}

}

resource "aws\_subnet" "Isha-Private-Subnet" {

vpc\_id = aws\_vpc.isha-29072023.id

cidr\_block = "10.0.2.0/24"

tags = {

Name = "Isha-Private-Subnet"

}

}

resource "aws\_s3\_bucket" "isha-bucket-29072023" {

bucket = "isha-bucket-29072023"

tags = {

Name = "isha-bucket-29072023"

Environment = "Dev"

}

}