**Terraform Task-5**

1. **Watch the Terraform-05 video.**
2. **Execute the script shown in the video.**
3. **Create one EC2 instance with httpd installed using a Terraform script.**
4. **Set up S3 as backend for task 3.**
5. **Set up DynamoDB locking for task 3**

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1. **Watch the Terraform-05 video.**

**Completed**

**2.Execute the script shown in the video.**

**Remote backends**

**State locking is used to lock the state file so that no two users can execute the state file at the same point of time.**

**Configure aws**

**resource "aws\_s3\_bucket" "s3\_bucket" {**

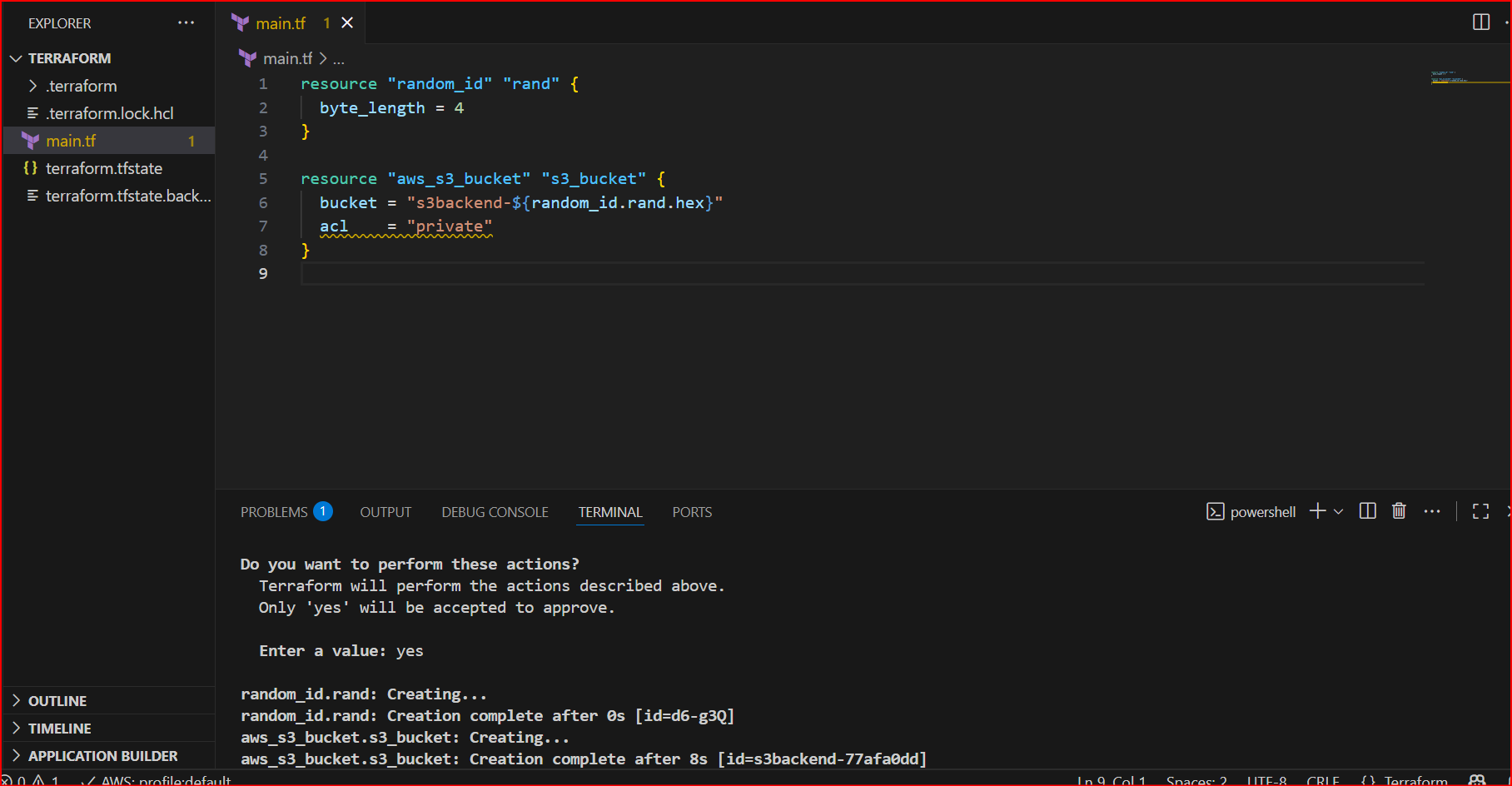
**bucket = "s3backend"**

**acl = "private"**

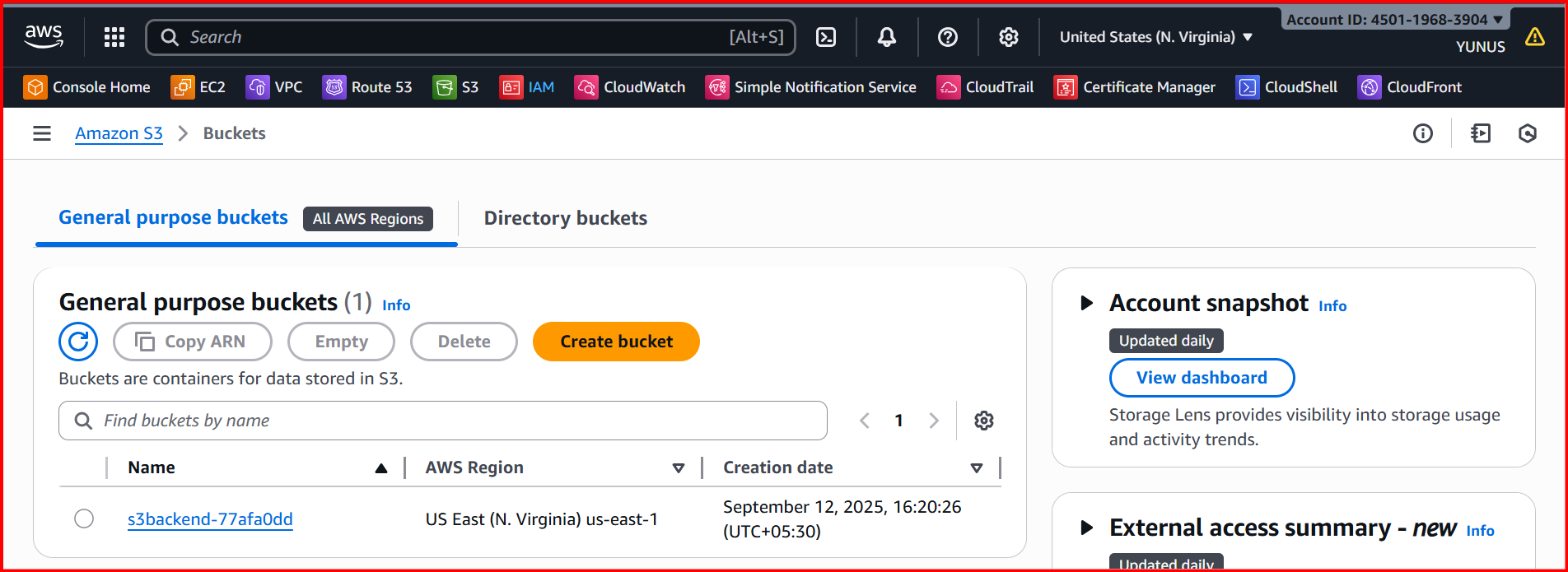
**}**

**Terraform init**

**Terraform apply**

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**This will create S3 bucket**

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**resource "aws\_dynamodb\_table" "dynamodb-terraform-state-lock" {**

**name = "terraform-state-lock-dynamo"**

**hash\_key = "LockID"**

**read\_capacity = 20**

**write\_capacity = 20**

**attribute {**

**name = "LockID"**

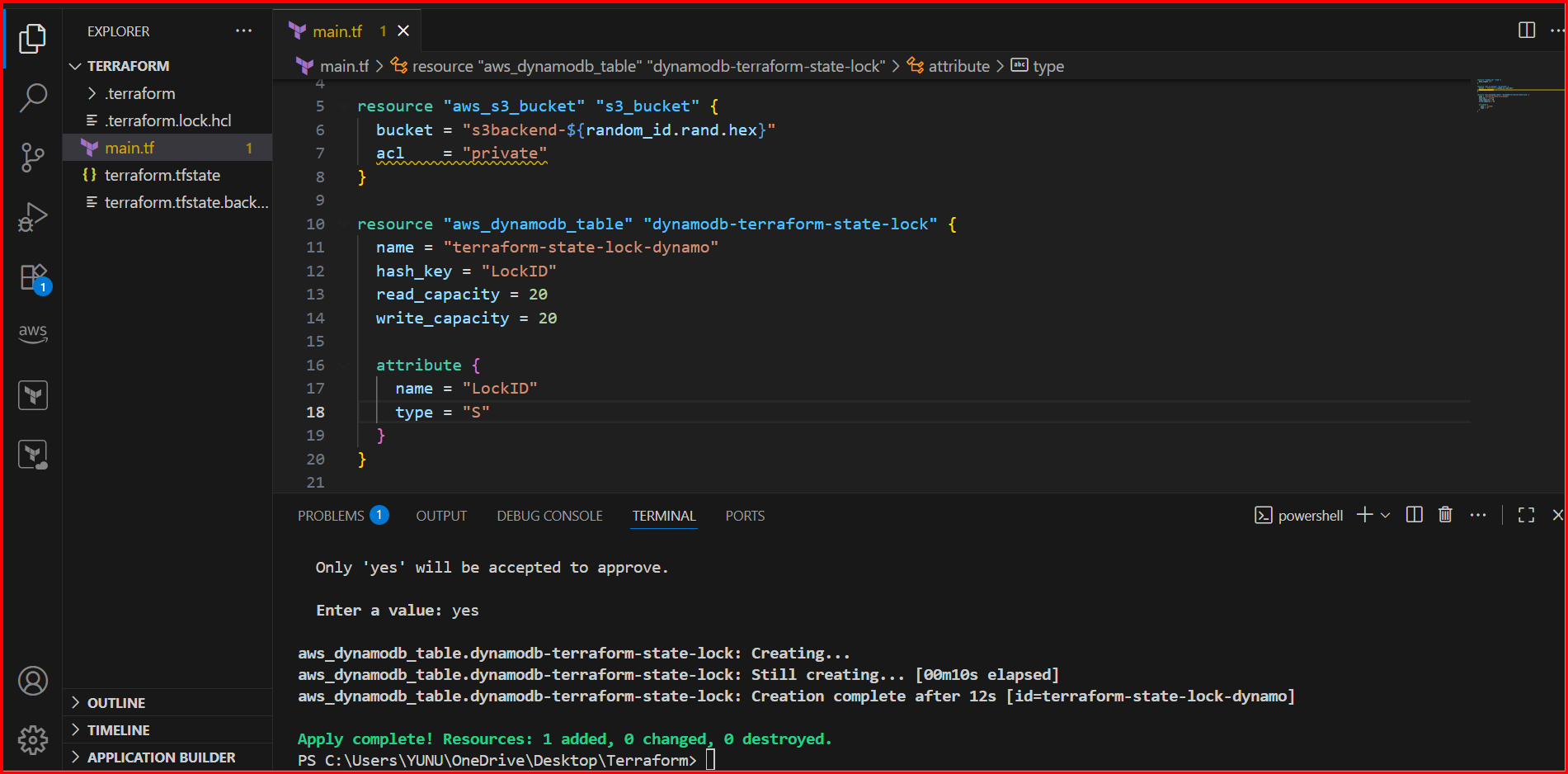
**type = "S"**

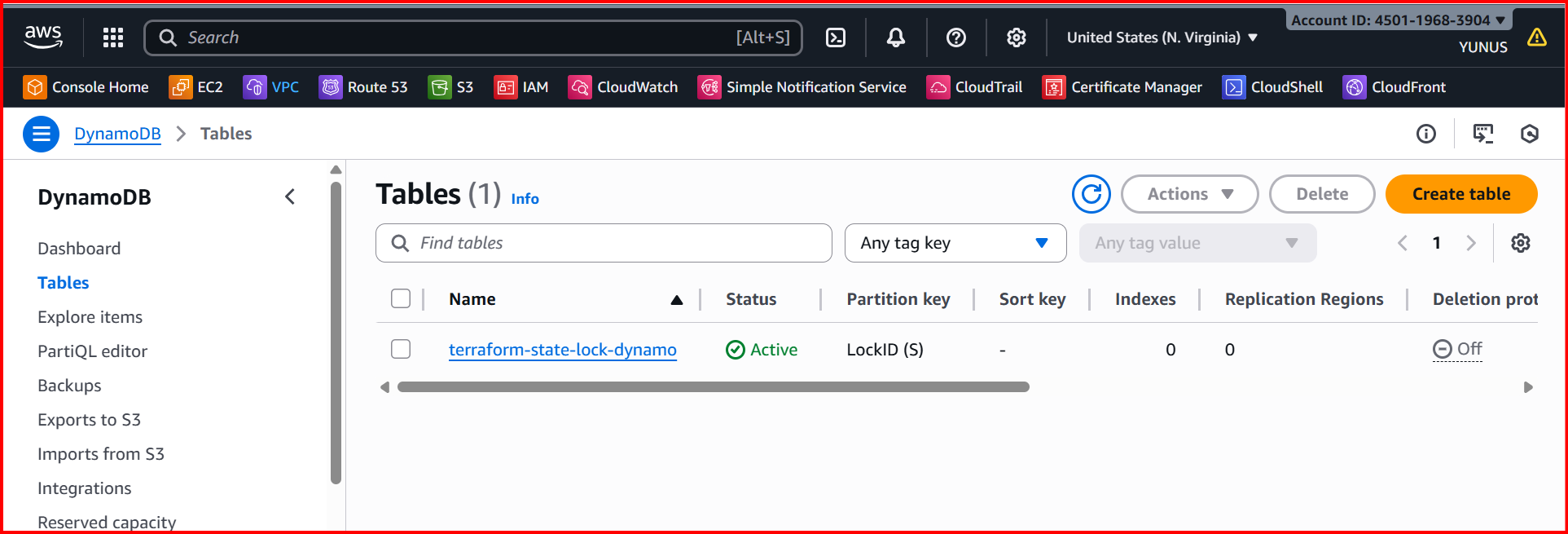
**}**

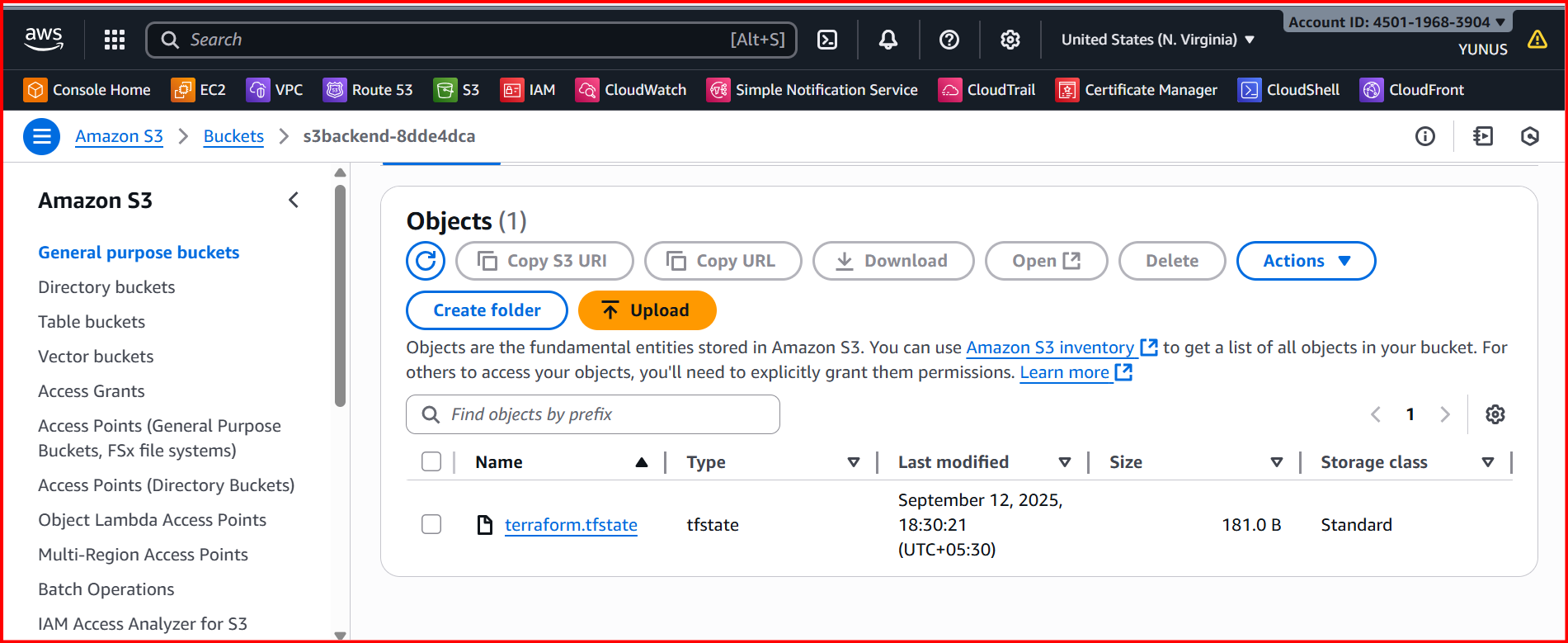
**}**

**Terraform init**

**Terraform apply**

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**3.** **Create one EC2 instance with httpd installed using a Terraform script**

**In terraform write the script**

**resource "aws\_instance" "test-server" {**

**ami = "ami-0b09ffb6d8b58ca91"**

**instance\_type = "t3.micro"**

**key\_name = "jenkins"**

**tags = {**

**Name = "Test-server"**

**}**

**user\_data = <<-EOF**

**#!/bin/bash**

**yum update -y**

**yum install -y httpd**

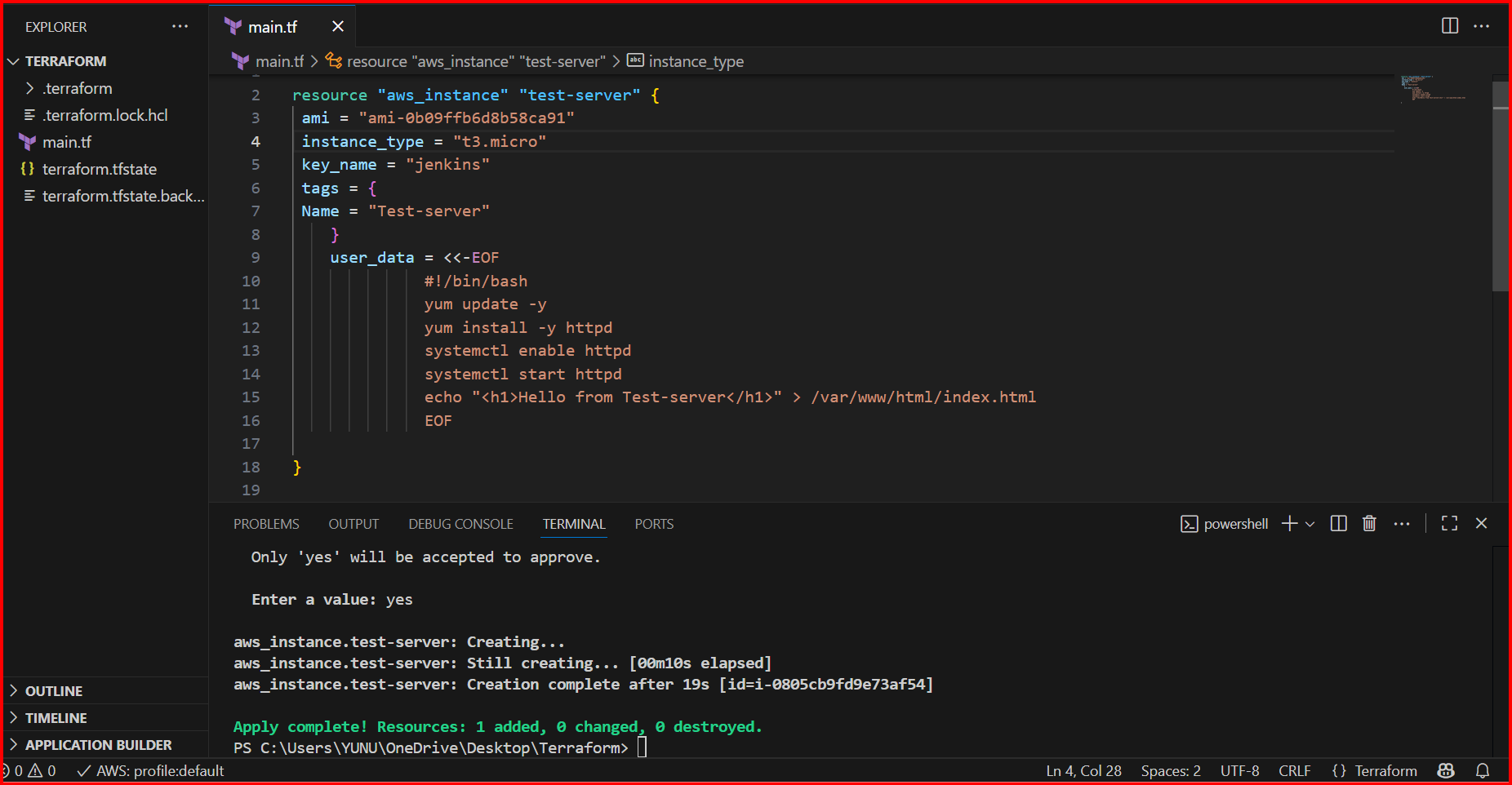
**systemctl enable httpd**

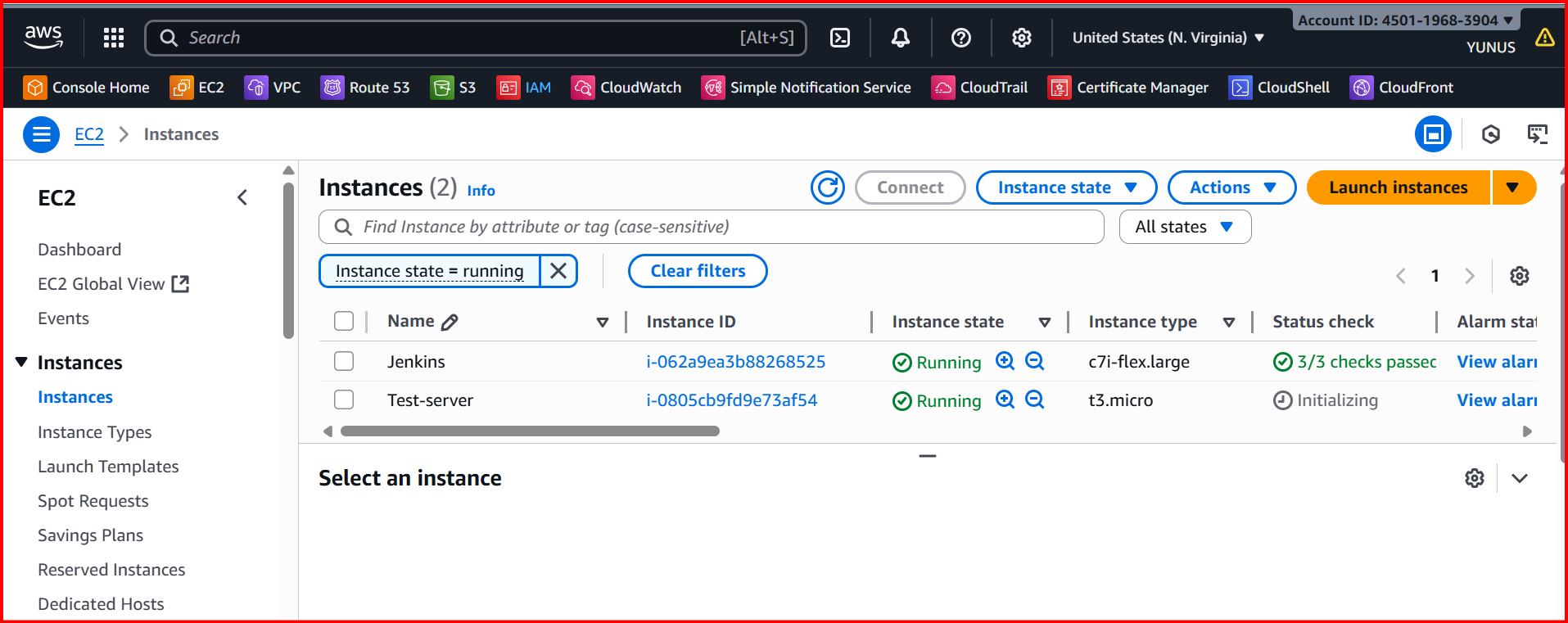
**systemctl start httpd**

**echo "<h1>Hello from Test-server</h1>" > /var/www/html/index.html**

**EOF**

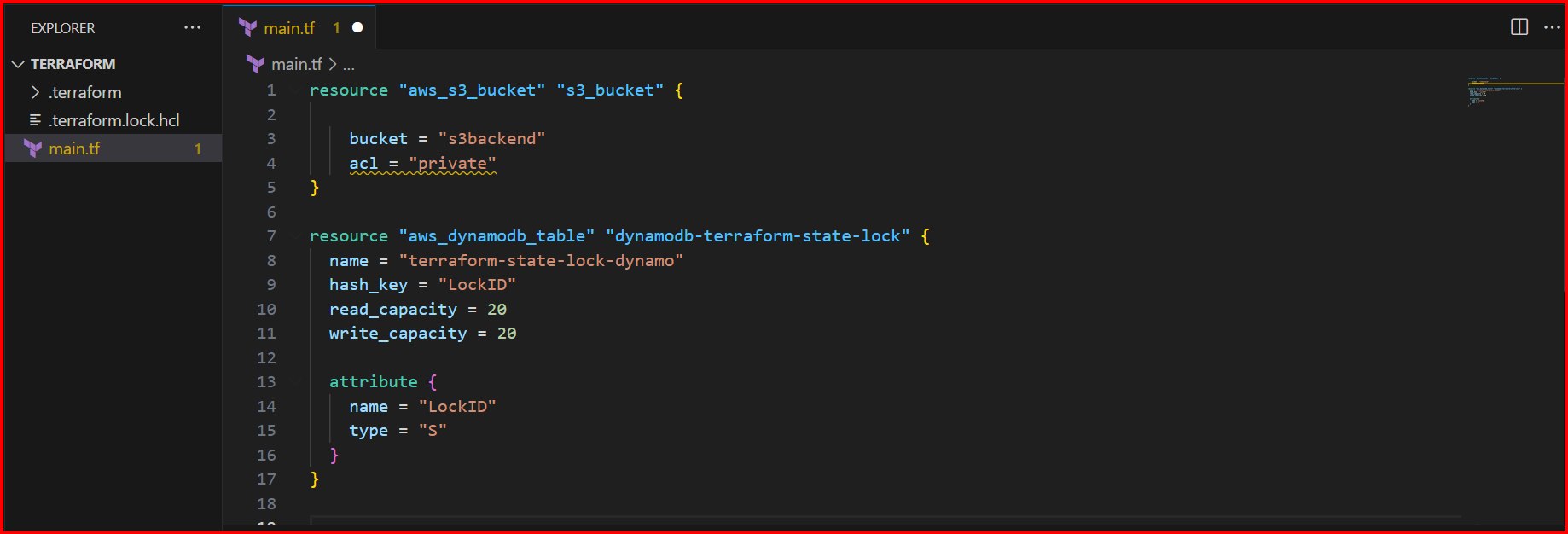
**}**

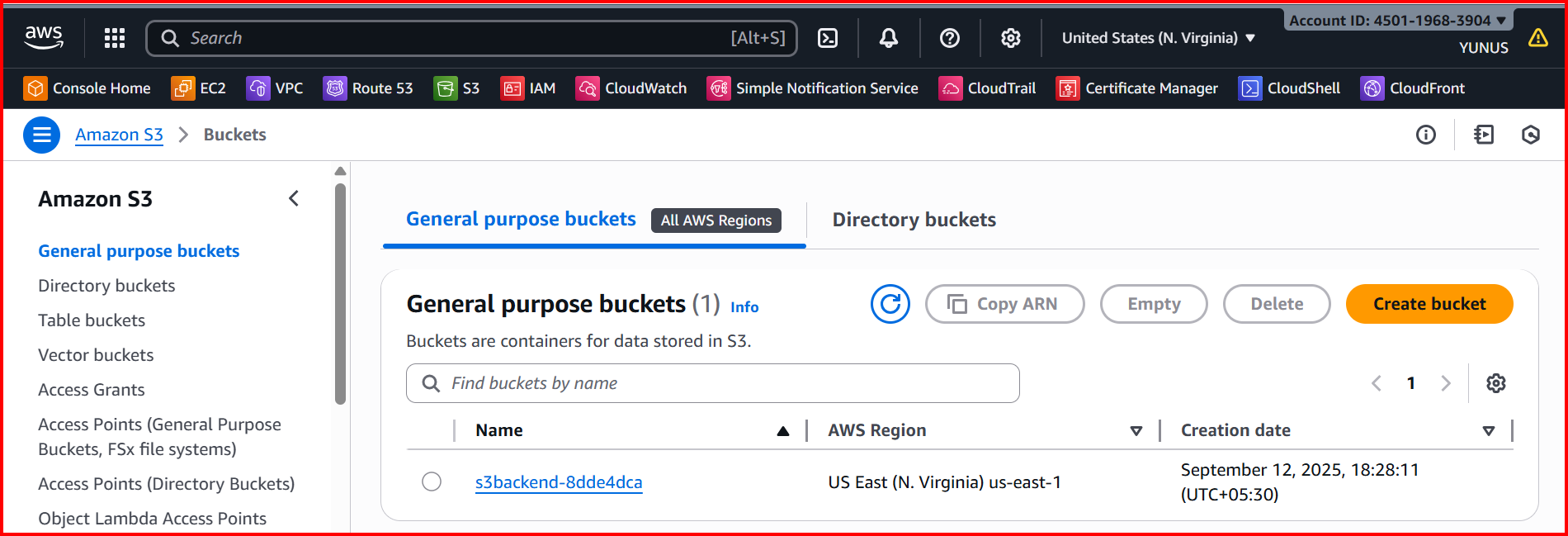
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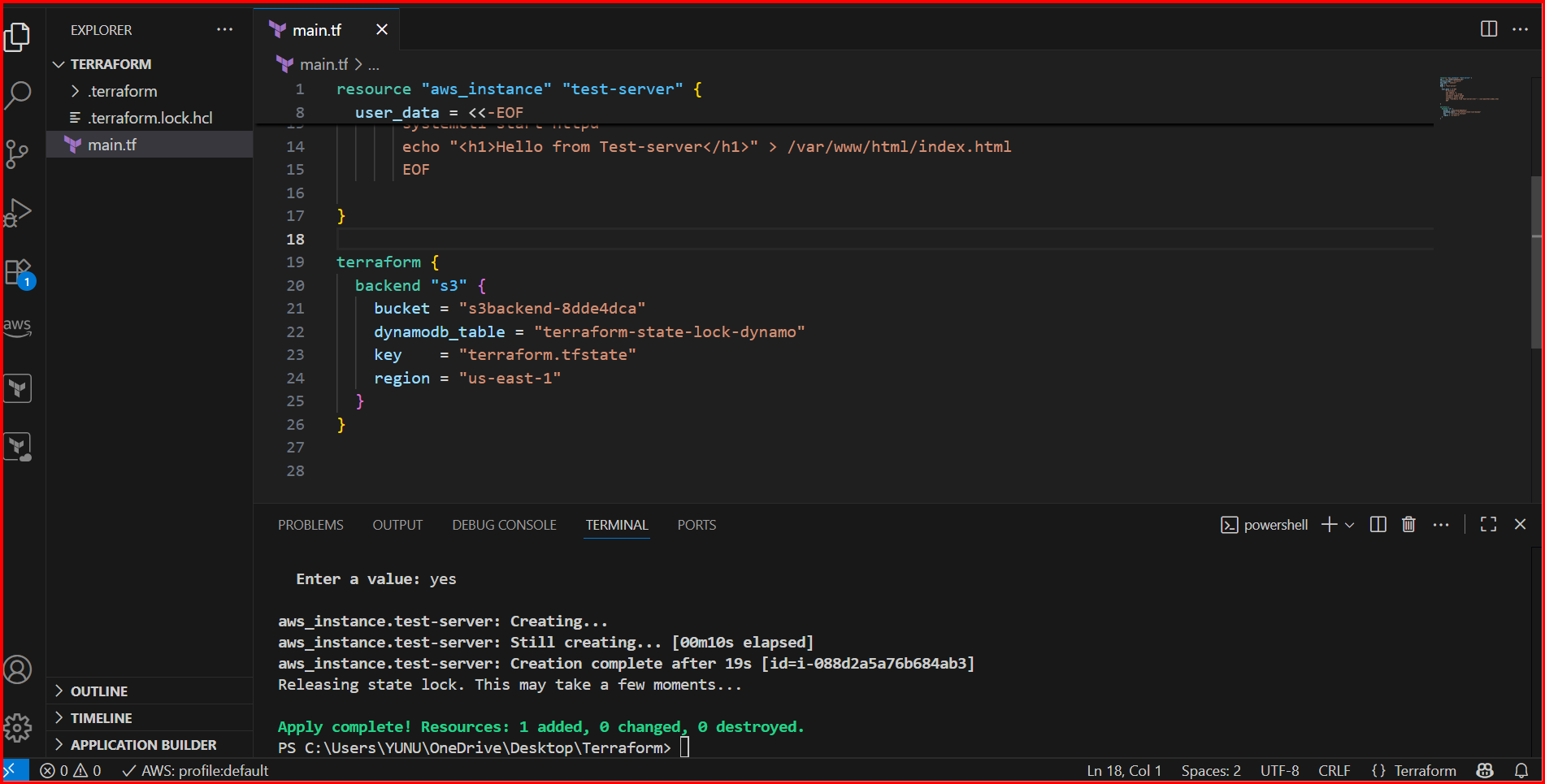
****

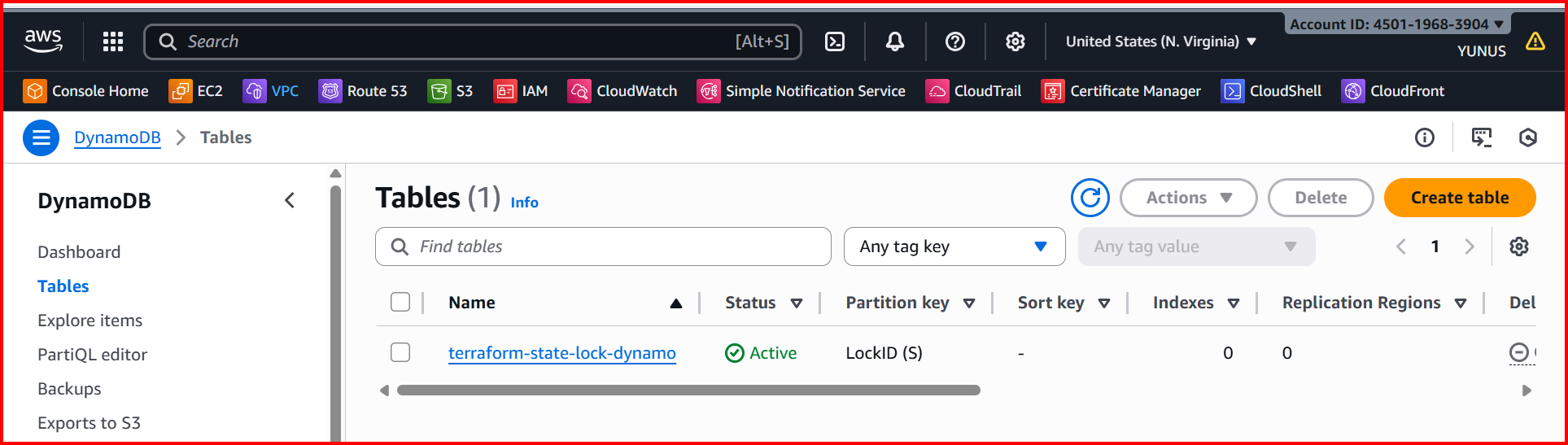
**4.Set up S3 as backend for task 3**

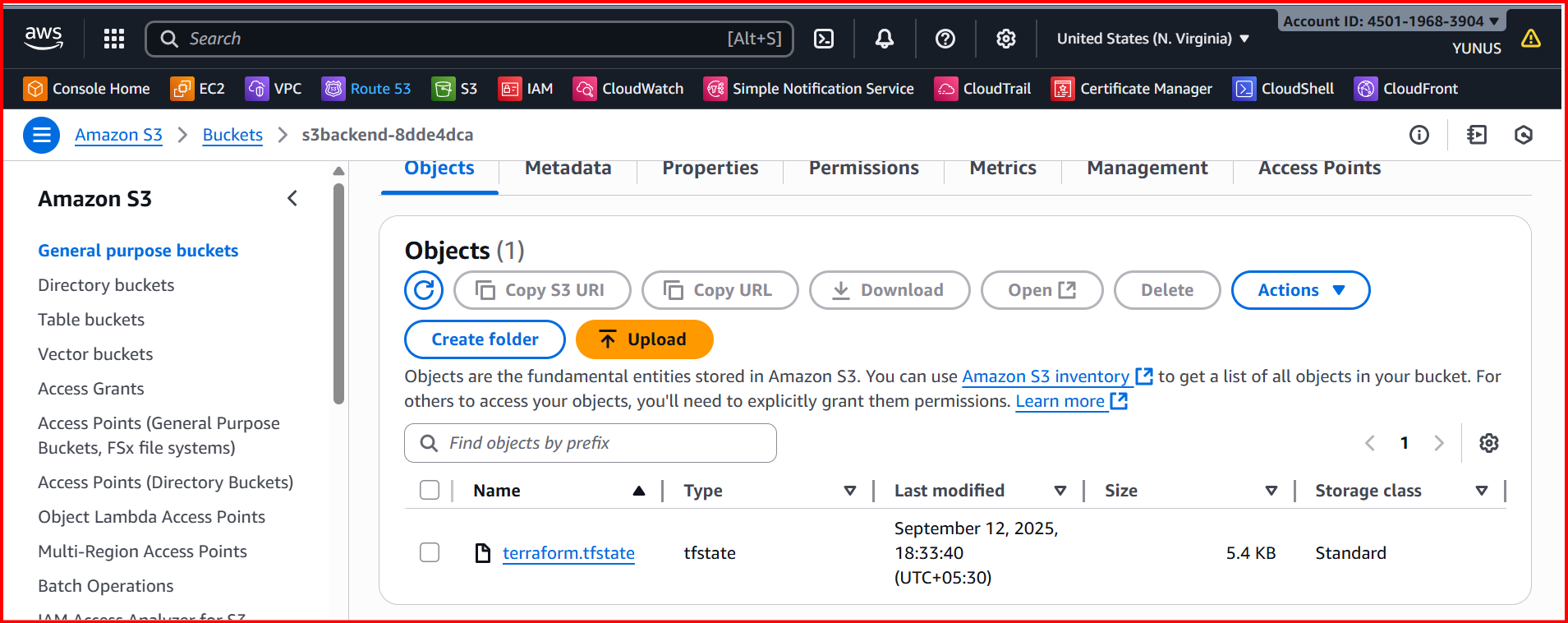
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**5.Set up DynamoDB locking for task 3.**

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