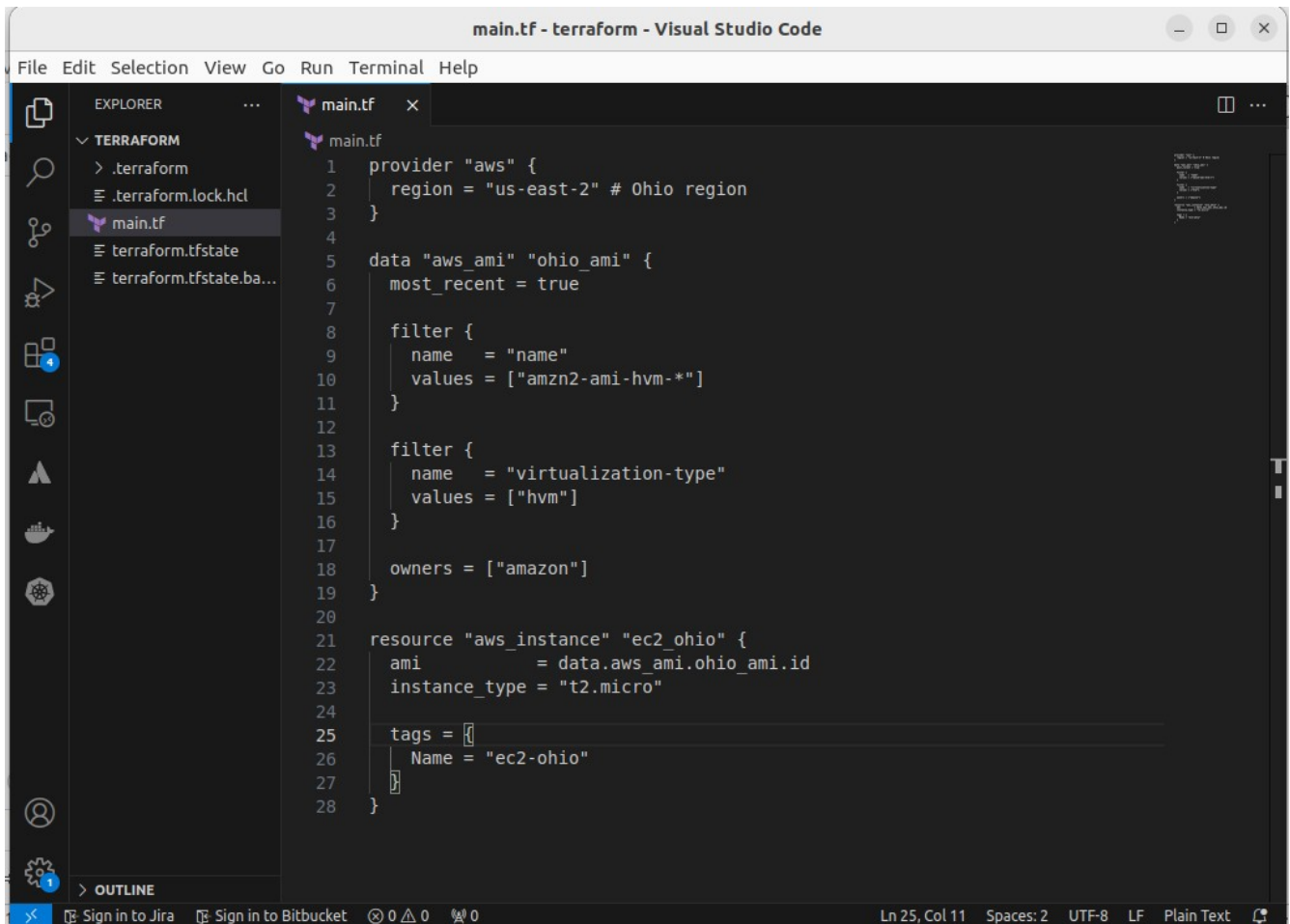


1. Create an EC2 service in the default subnet in the Ohio region.

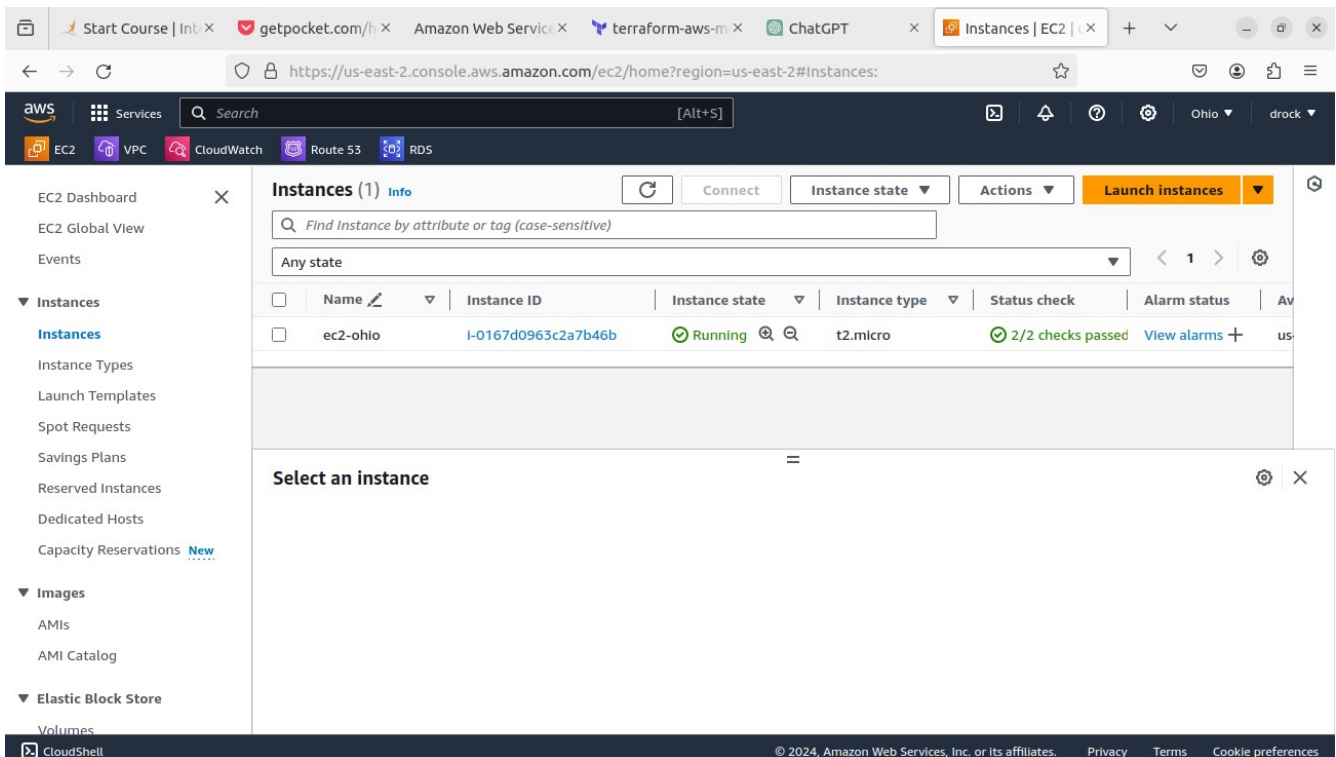
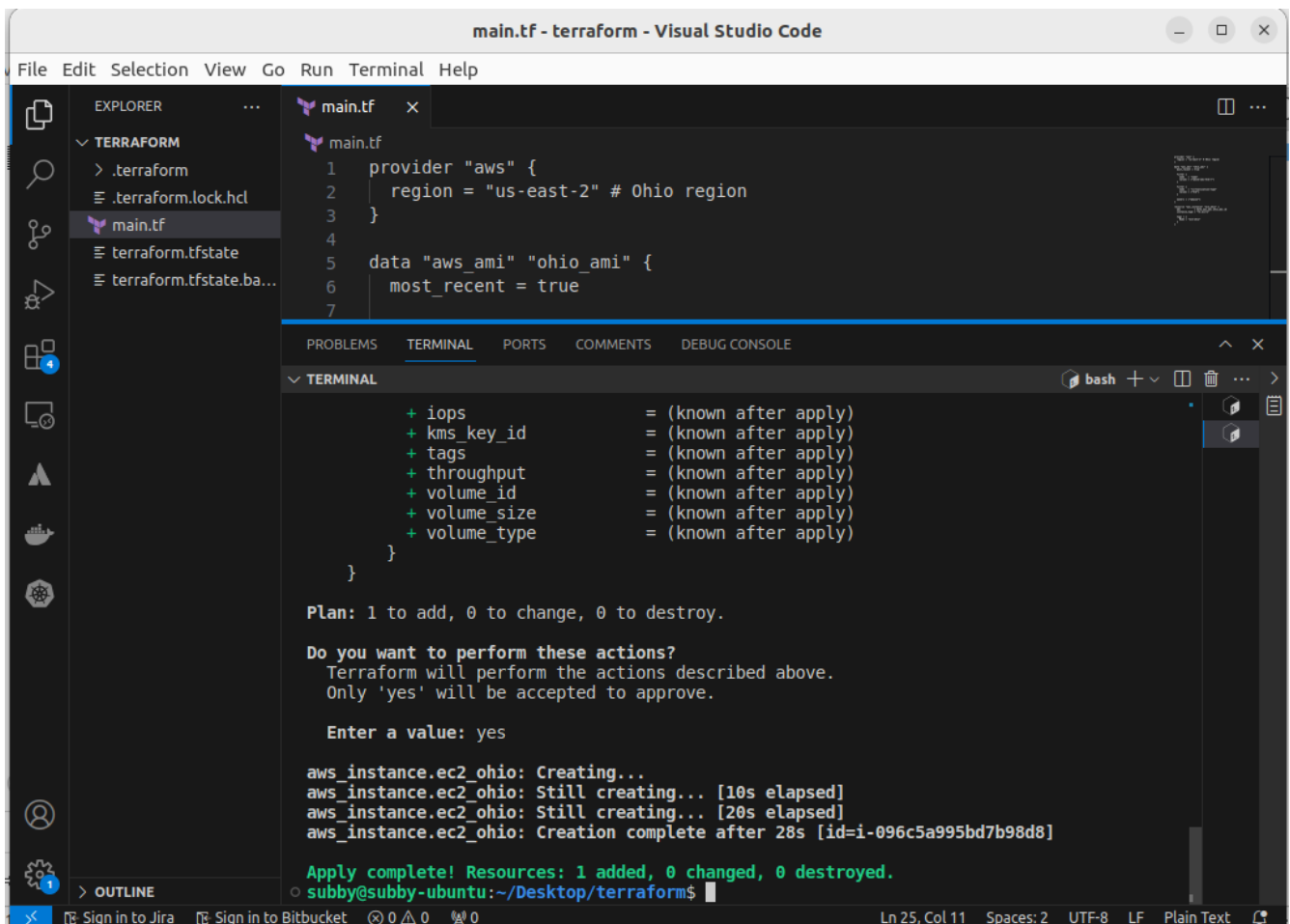


```
main.tf - terraform - Visual Studio Code
File Edit Selection View Go Run Terminal Help

EXPLORER
TERRAFORM
  .terraform
  .terraform.lock.hcl
  main.tf
  terraform.tfstate
  terraform.tfstate.ba...

main.tf
1 provider "aws" {
2   region = "us-east-2" # Ohio region
3 }
4
5 data "aws_ami" "ohio_ami" {
6   most_recent = true
7
8   filter {
9     name   = "name"
10    values = ["amzn2-ami-hvm-*"]
11  }
12
13  filter {
14    name   = "virtualization-type"
15    values = ["hvm"]
16  }
17
18  owners = ["amazon"]
19 }
20
21 resource "aws_instance" "ec2_ohio" {
22   ami           = data.aws_ami.ohio_ami.id
23   instance_type = "t2.micro"
24
25   tags = {
26     Name = "ec2-ohio"
27   }
28 }
```

Terraform plan  
terraform apply



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← → ↺ https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#Instances: ☆🔒👤📄☰

aws Services 🔍 Search [Alt+S]

EC2 VPC CloudWatch Route 53 RDS

EC2 Dashboard ×EC2 Global ViewEvents

▼ InstancesInstancesInstance Types

Instances (1/1) Info ↻ Connect Instance state ▾ Actions ▾ Launch instances ▾

🔍 Find Instance by attribute or tag (case-sensitive)

Any state ▾ < 1 > ⚙

Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone ▾	Public IPv4 DNS ▾	Public IPv4 ...
Running 📄 🔍	t2.micro	🟢 2/2 checks passed View alarms +		us-east-2b	-	-