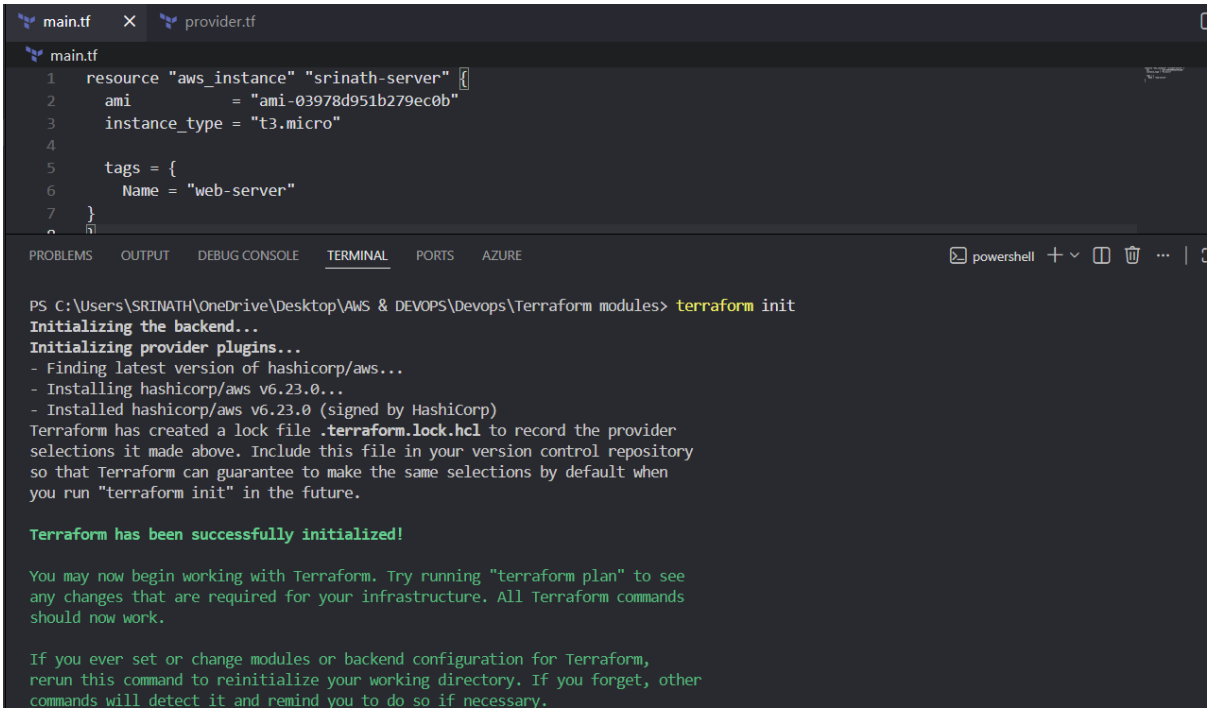
# Task 6

## Terraform:

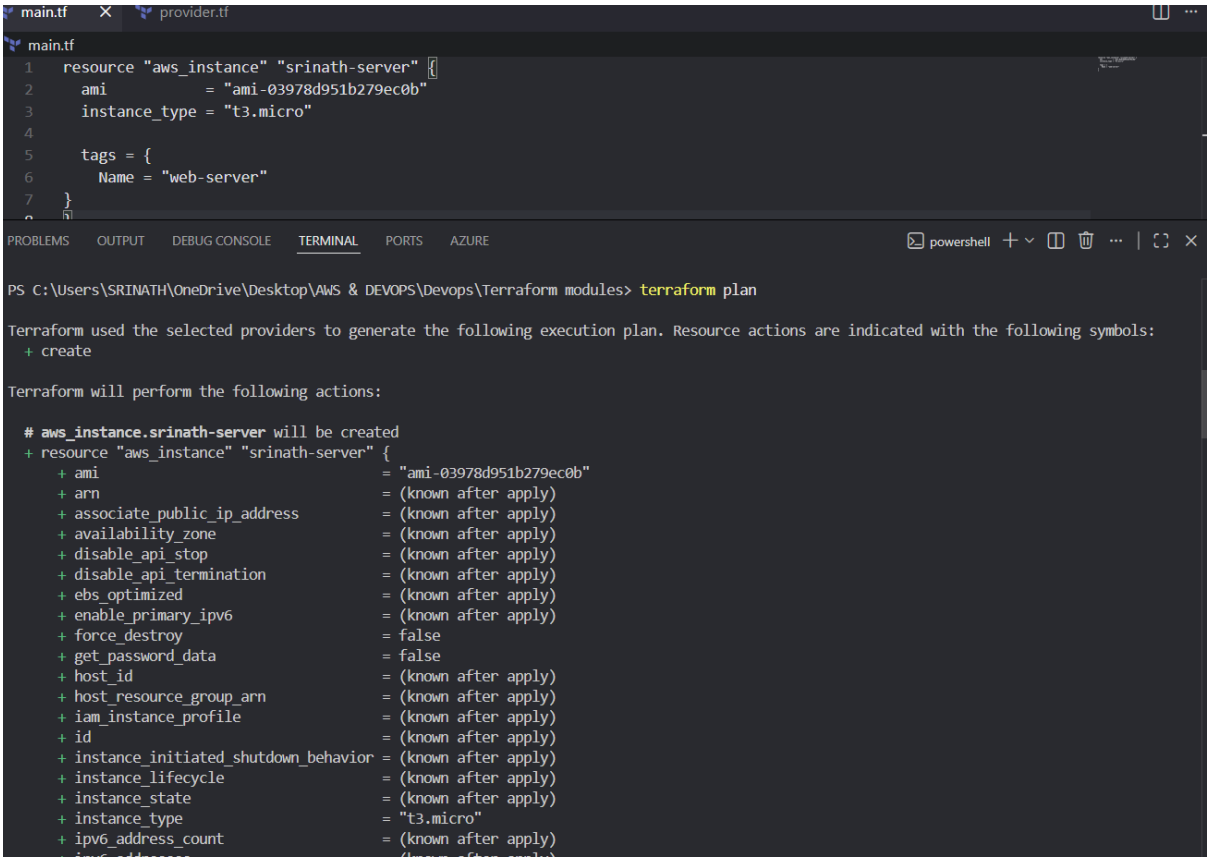
- Terraform is an open-source infrastructure as code (IaC) tool developed by HashiCorp that allows users to define and provision cloud and on-premises resources using a declarative configuration language.
- It enables users to manage infrastructure throughout its lifecycle by writing human□readable configuration files that can be versioned, reused, and shared.

## Terraform Command:

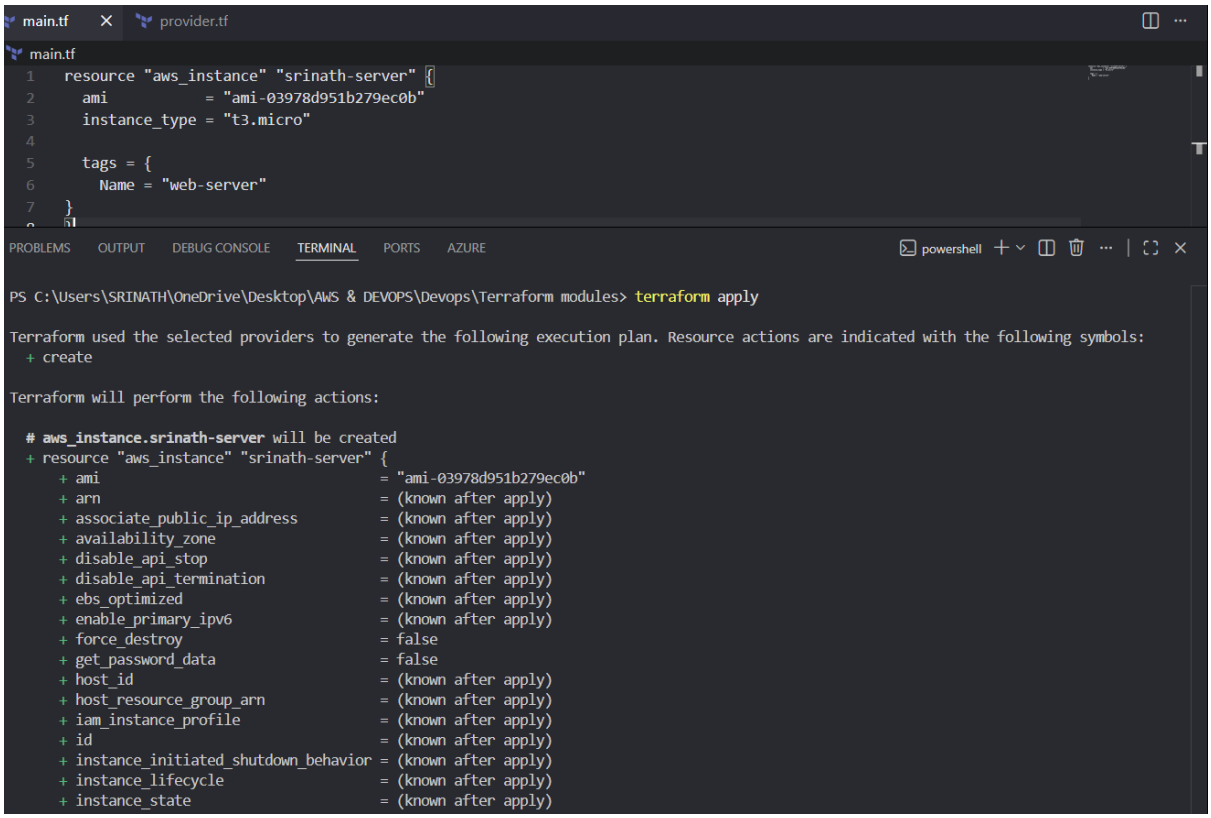
1) terraform init:



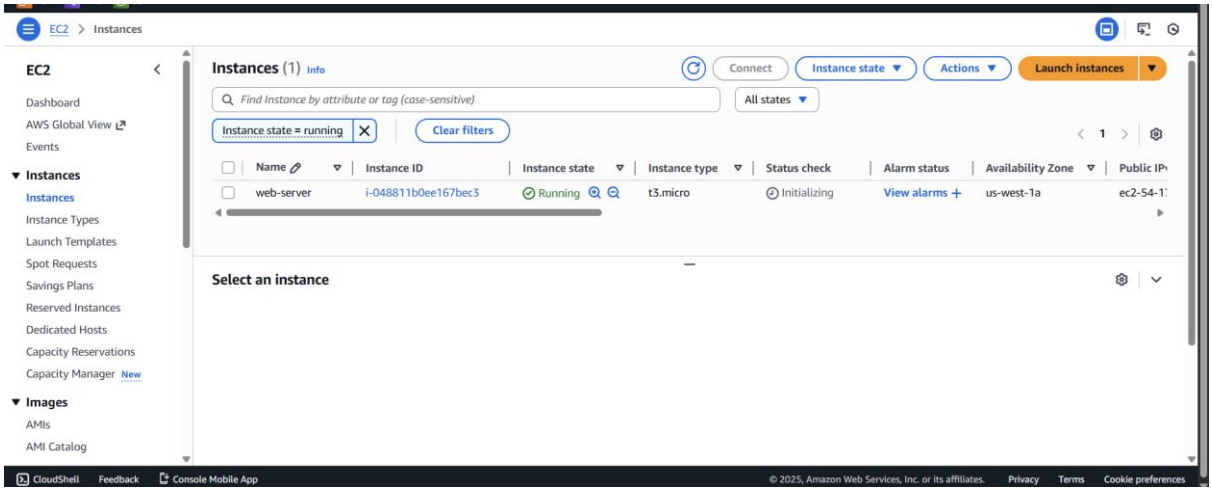
2) terraform plan:




3) terraform apply



# Output


EC2 > Instances
EC2
Dashboard
AWS Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Capacity Manager New
Images
AMIs
AMI Catalog
Instances (1) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IP
web-server
i-048811b0ee167bec3
Running
t3.micro
Initializing
View alarms
us-west-1a
Select an instance
CloudShell
Feedback
Console Mobile App
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