Lab Assignment 4

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Scripting and Automation
PROG8830 - Winter 2025 - Section 1 Prof. Mike Dabydeen
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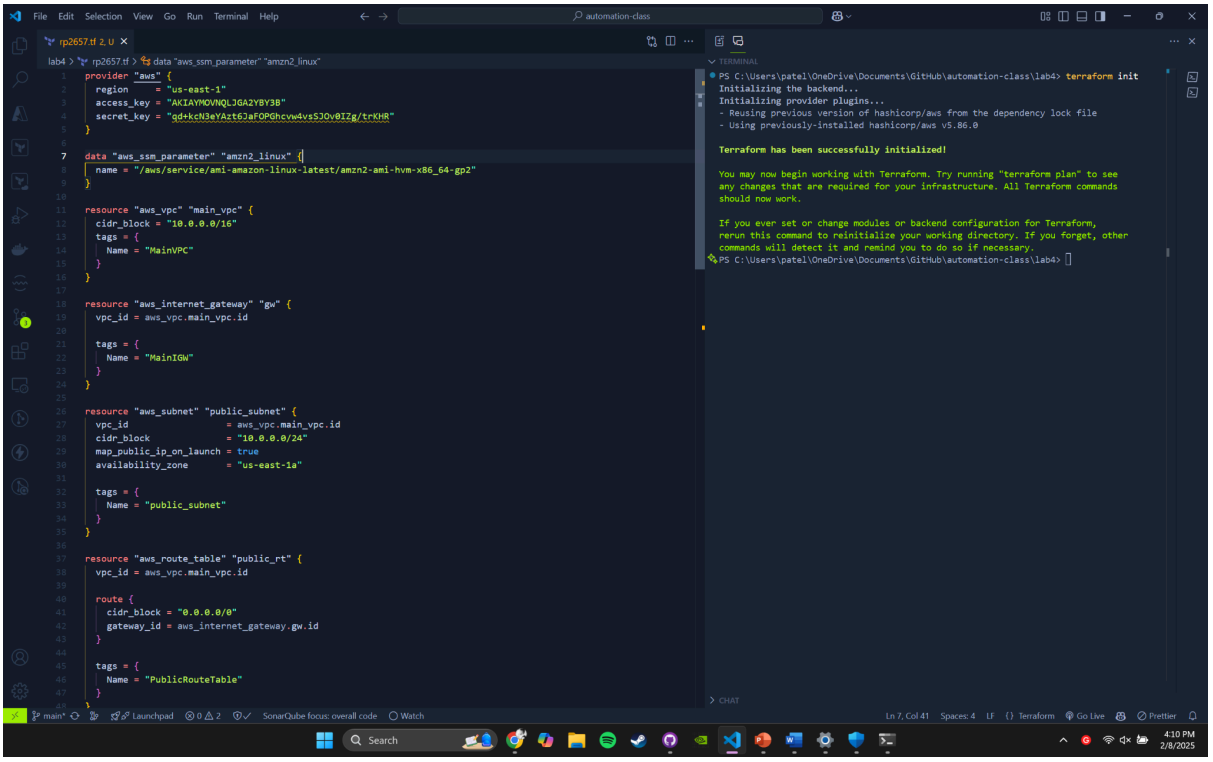
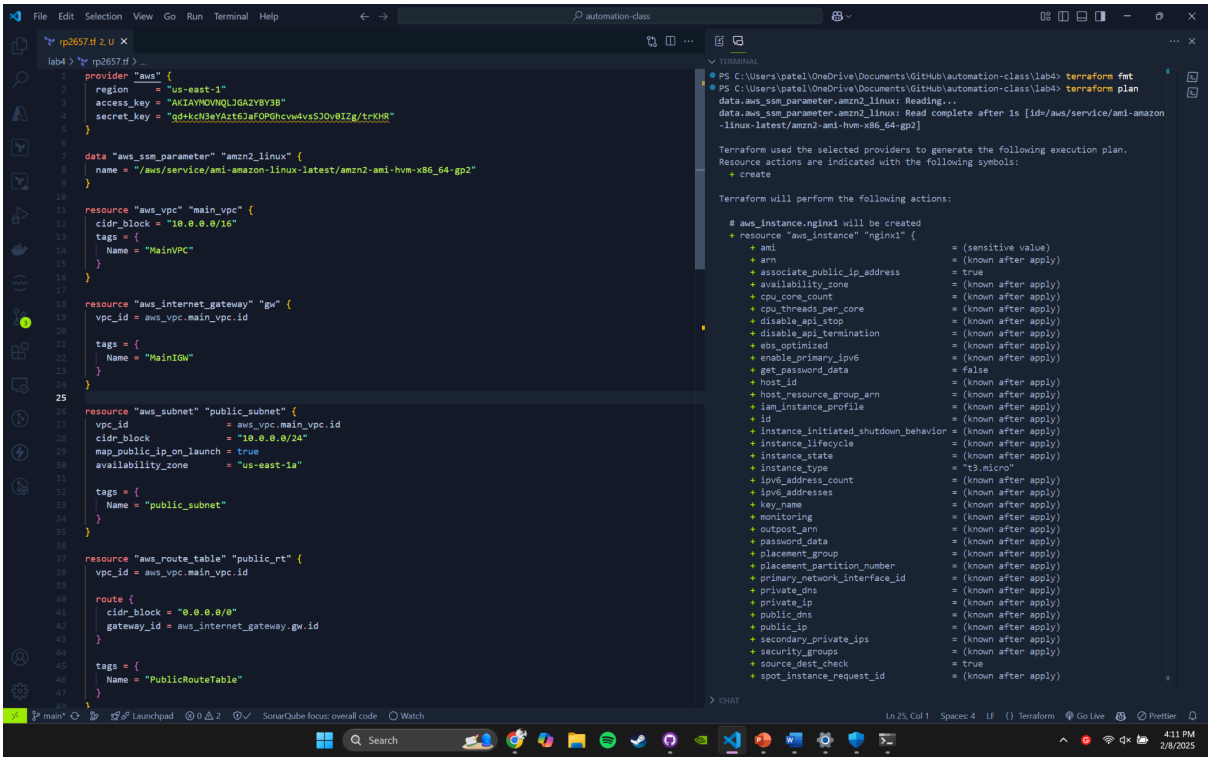
1.Initialize Terraform: Open a terminal window and navigate to the directory where you have your Terraform configuration file (e.g., main.tf). Run the following command to initialize Terraform:

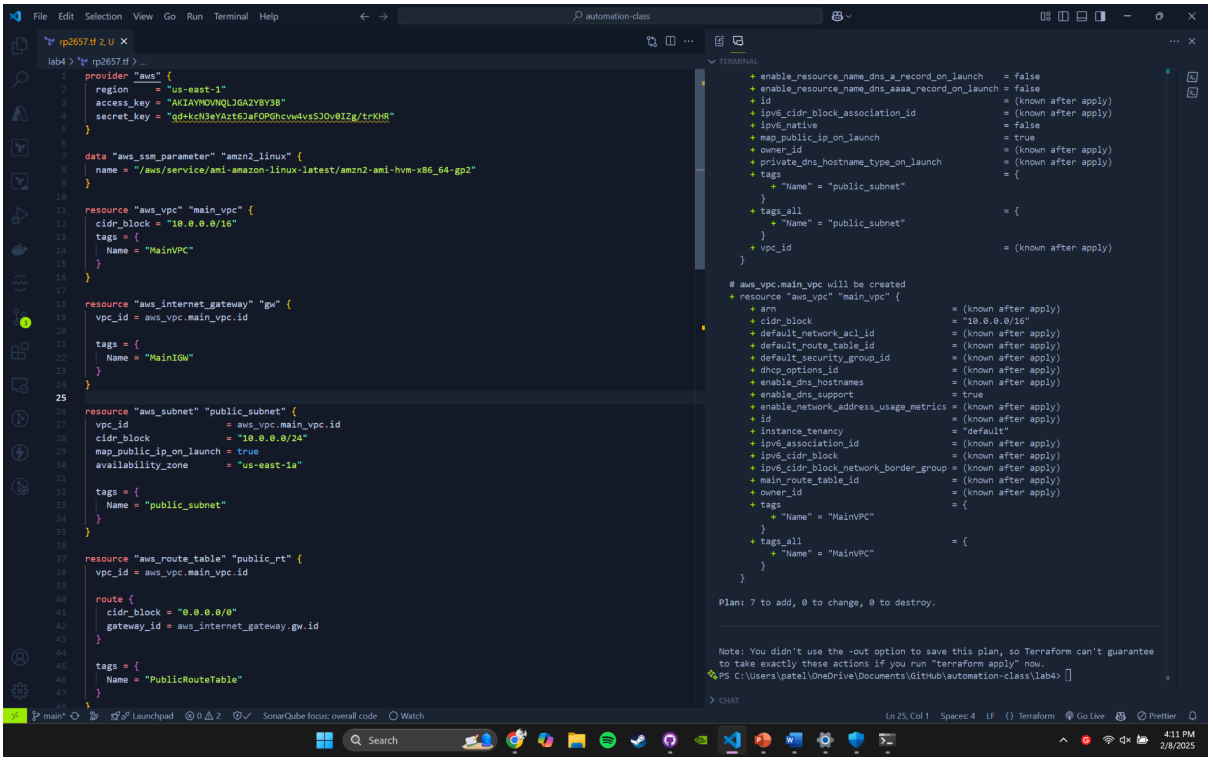
terraform init



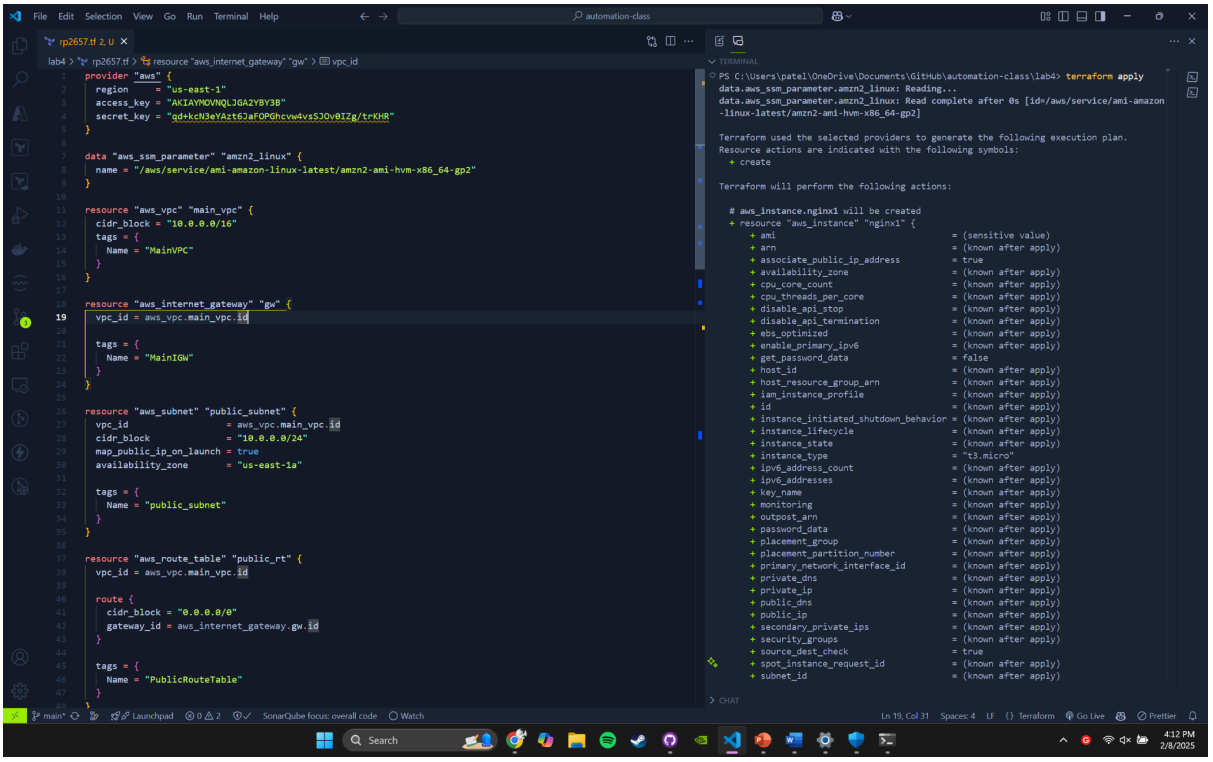
2.Provision Infrastructure: Once you have written the Terraform configuration, run the following command to preview the changes that Terraform will make:

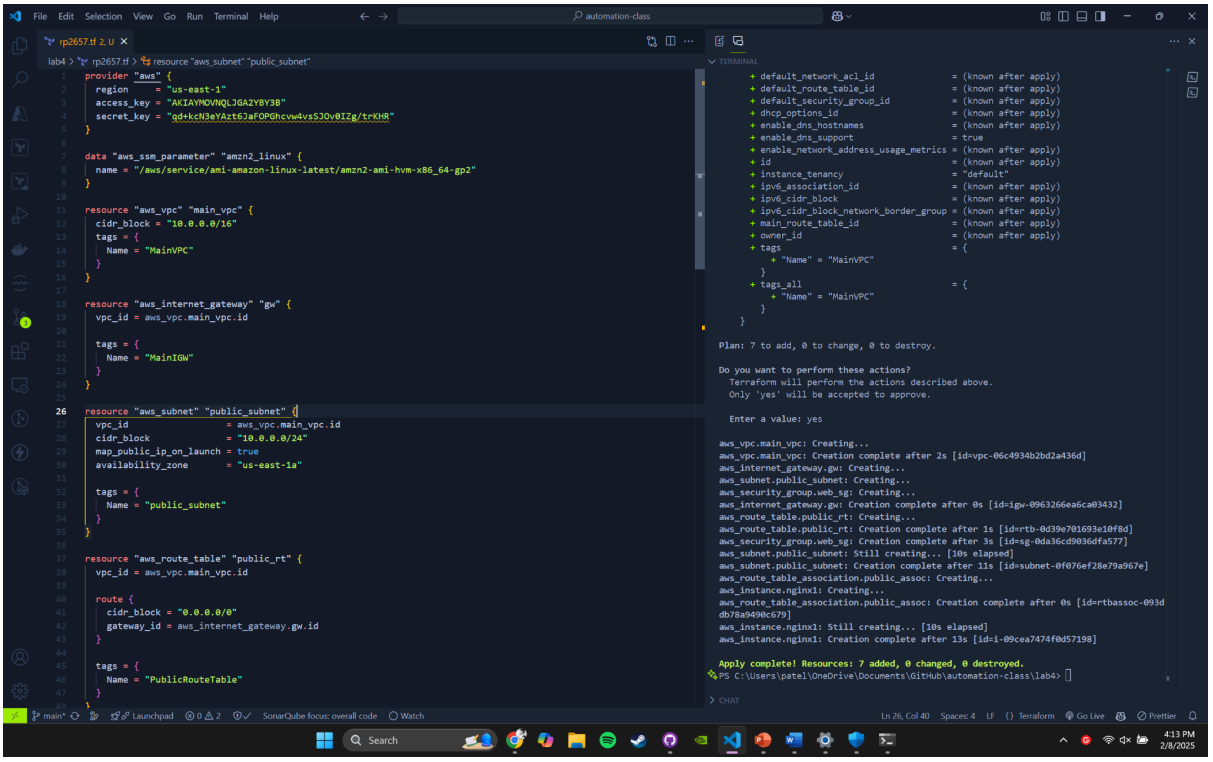
terraform plan



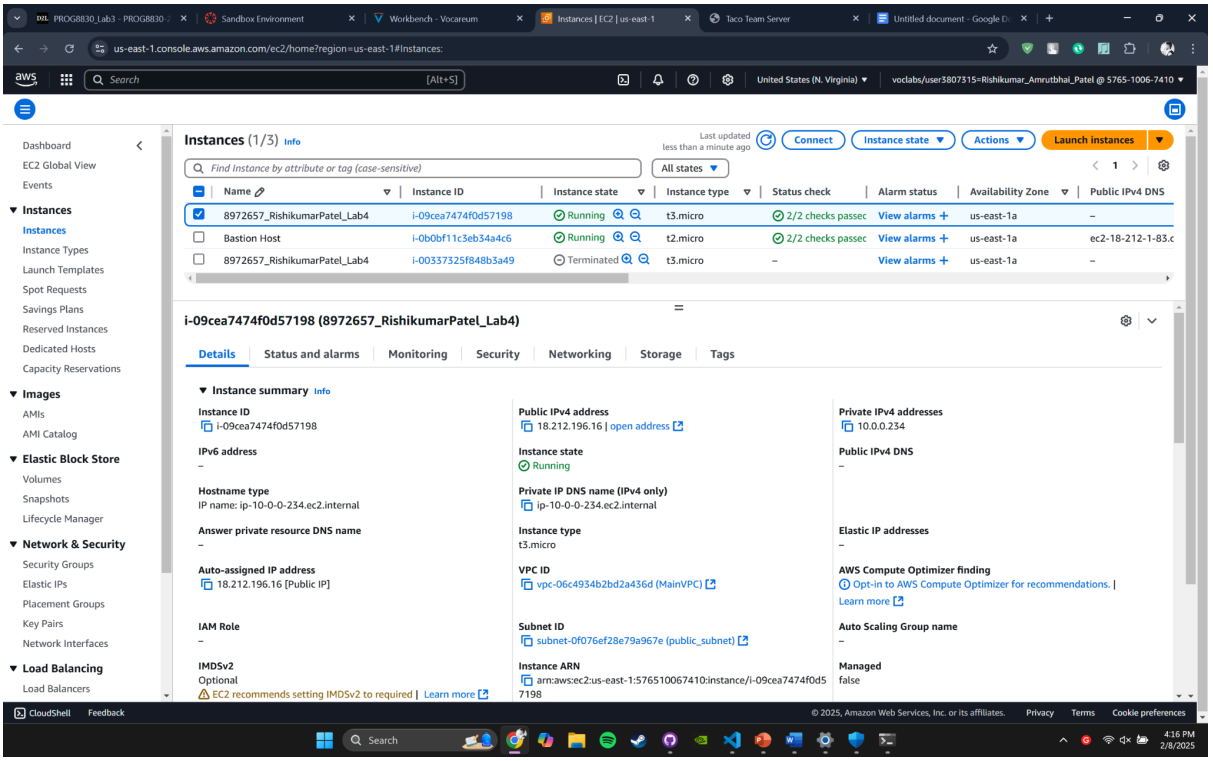


3. Apply Changes: If the plan looks correct, apply the changes to provision the server in AWS:
terraform apply

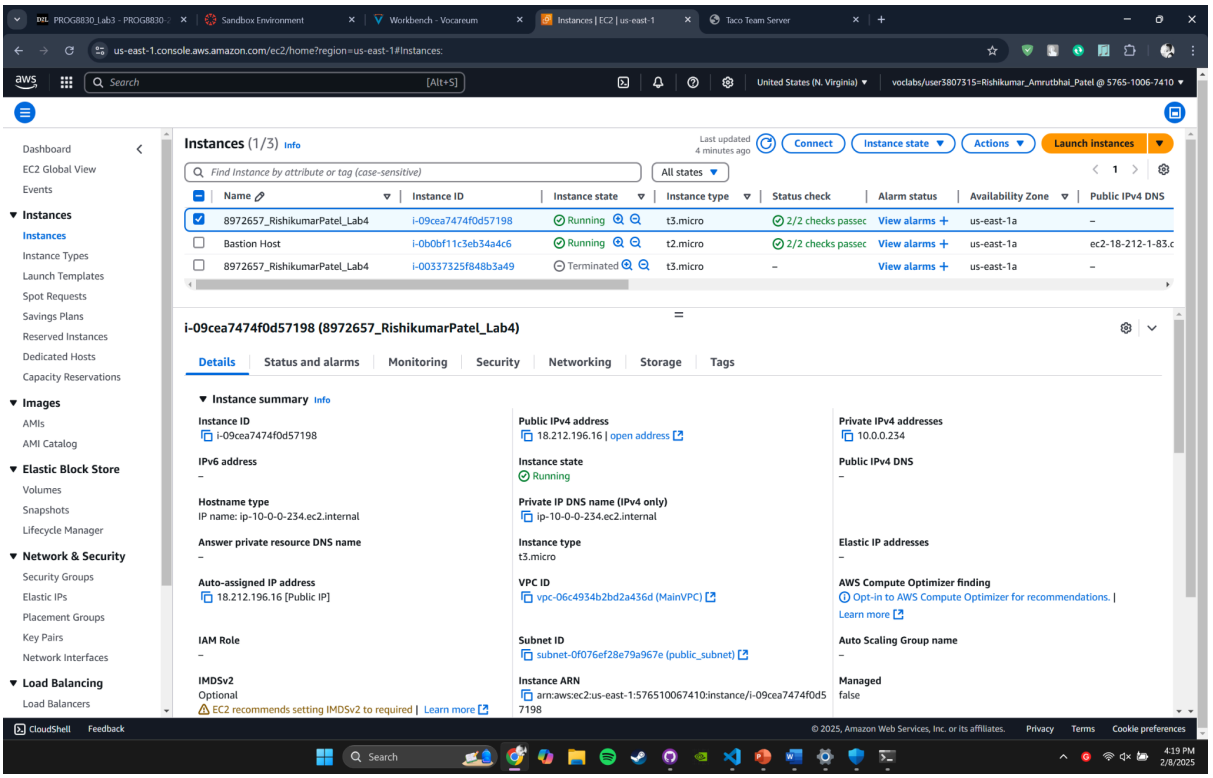




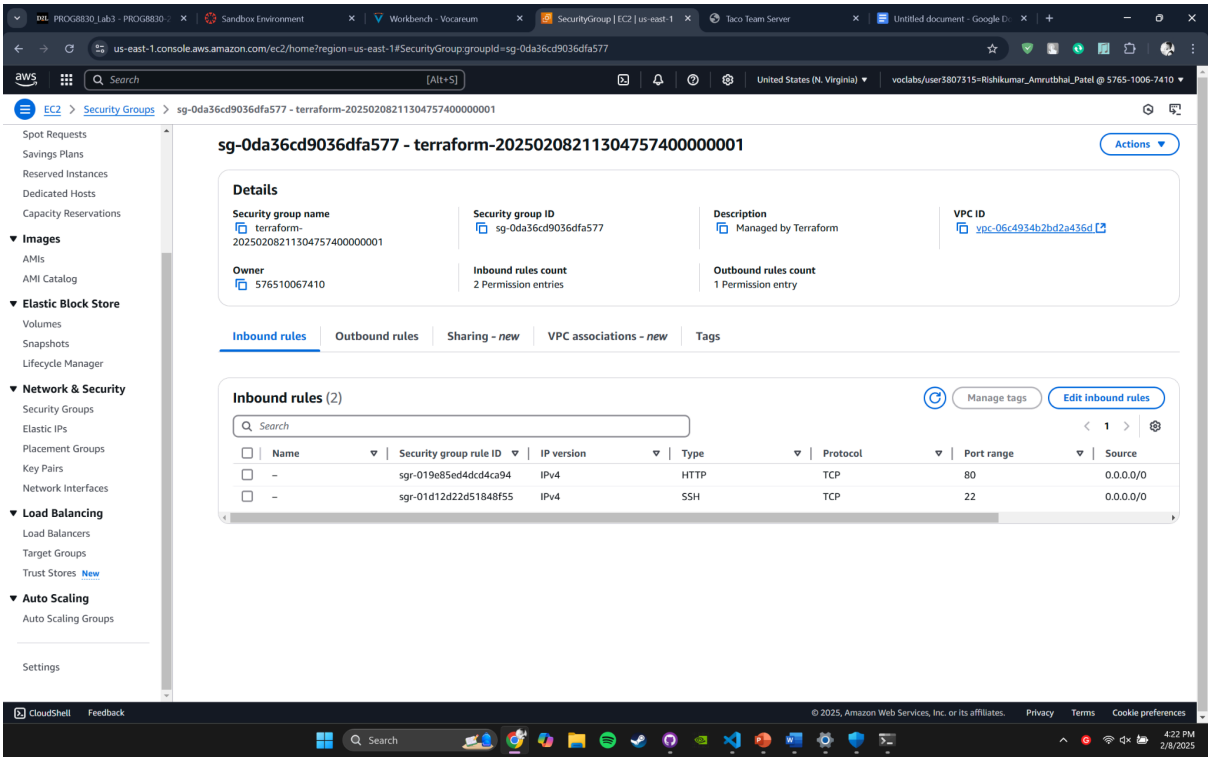
EC2 instance :



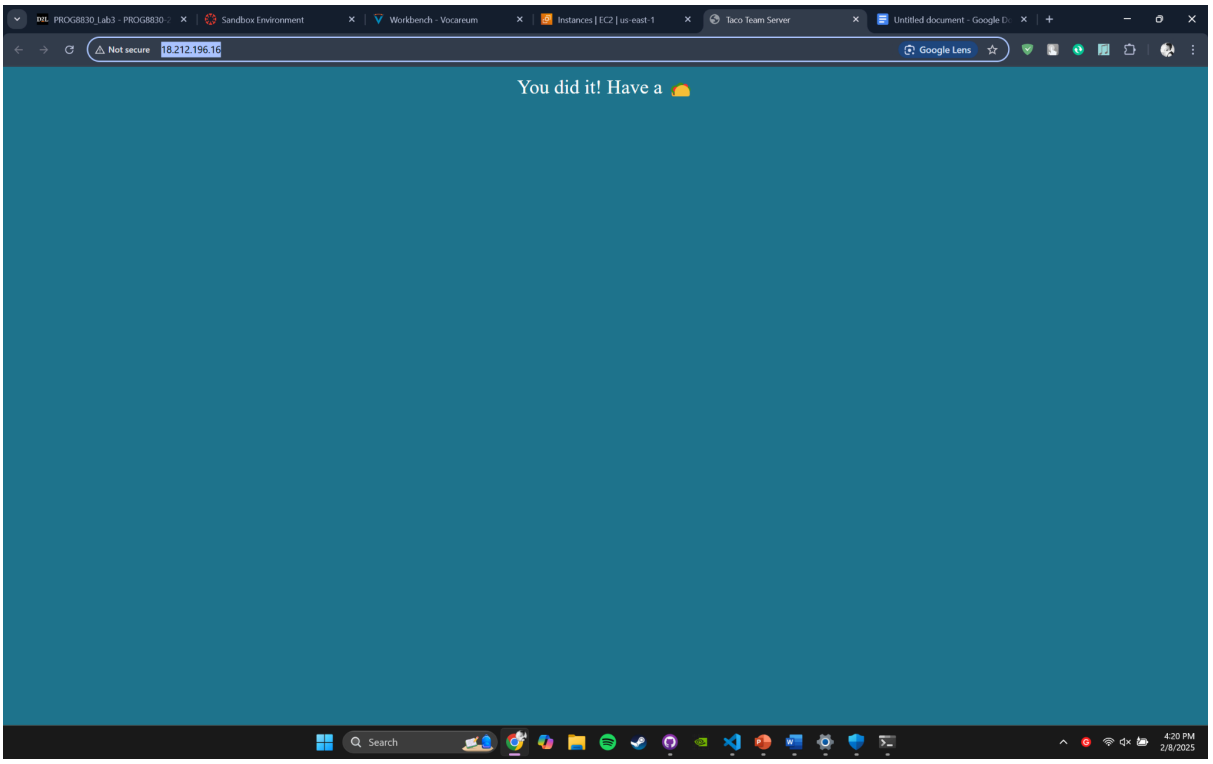
Public IP and DNS :



Security Groups :

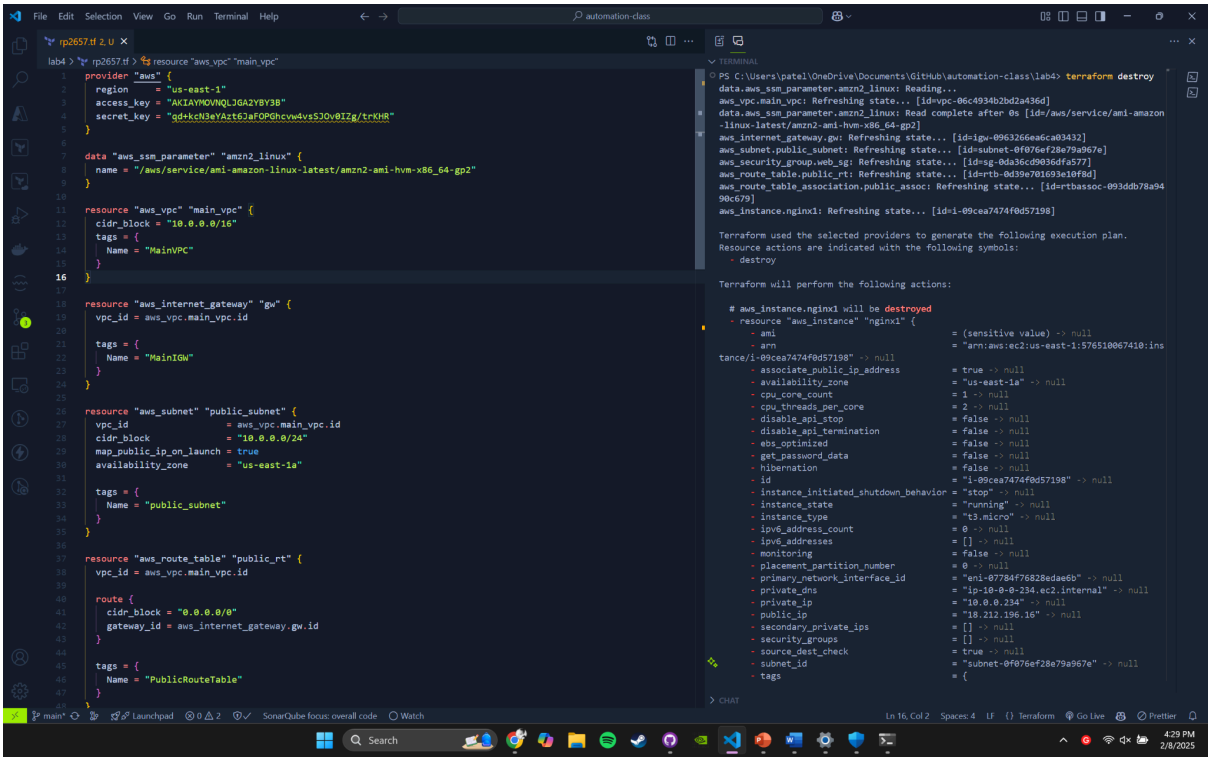


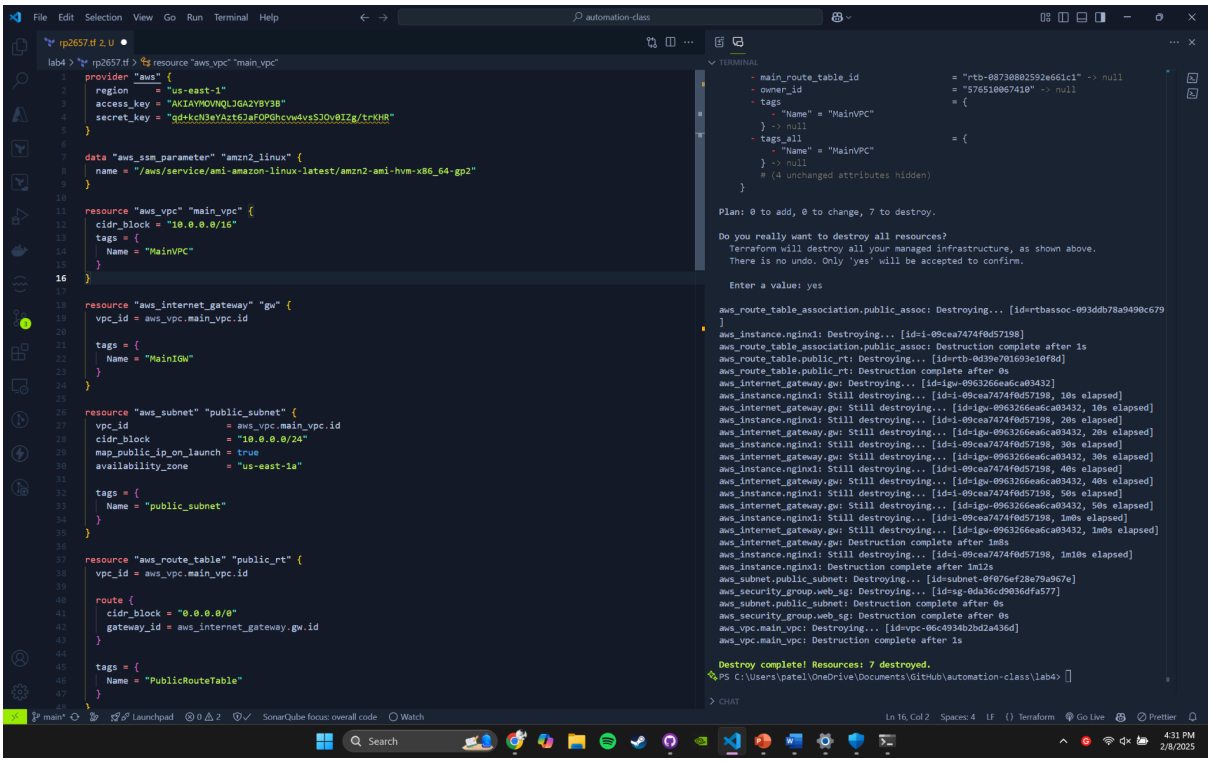
4. Access the Server: Once Terraform has finished provisioning the server, you should see the output with the server's public IP address

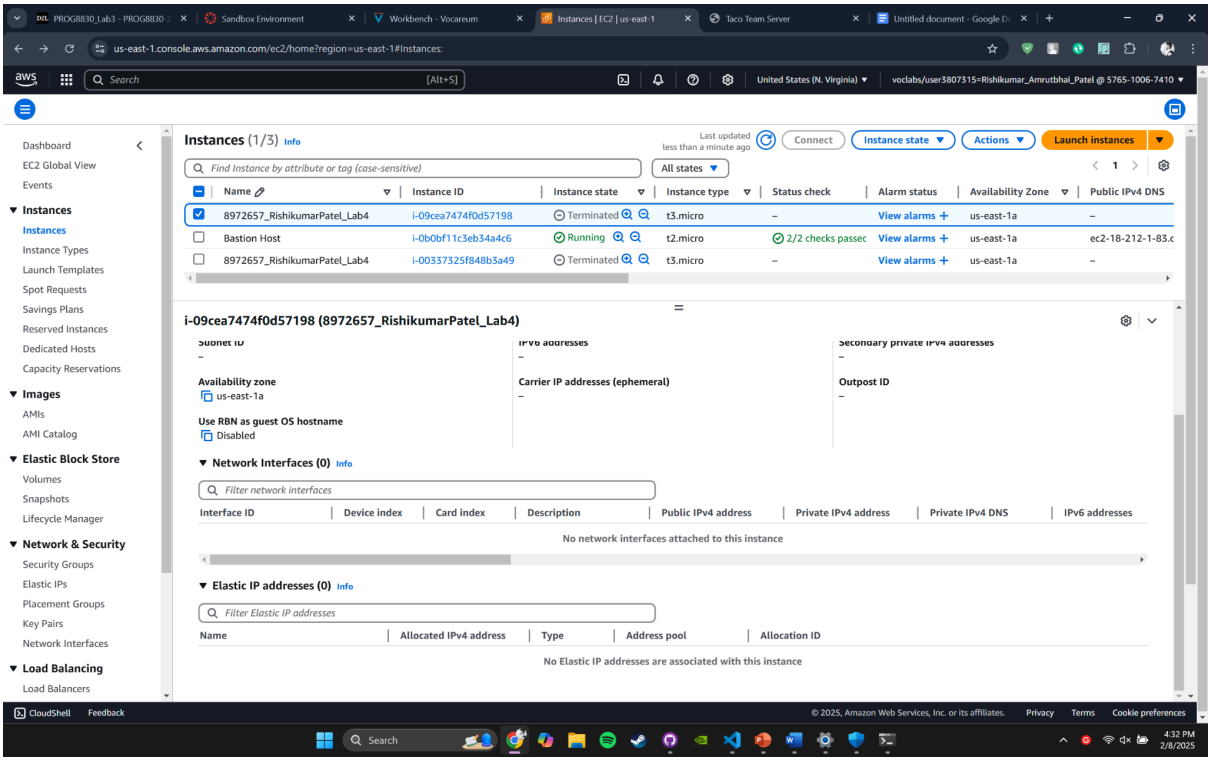


5. **Cleanup:** After completing the lab, remember to destroy the resources to avoid incurring unnecessary charges:

terraform destroy






Instances (1/3) Info
Launch instances
Actions
Instance state
Connect
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
8972657_RishikumarPatel_Lab4
i-09cea7474f0d57198
Terminated
t3.micro
View alarms
us-east-1a
Bastion Host
i-0b0bf11c3eb34a4c6
Running
t2.micro
2/2 checks passed
ec2-18-212-1-83.c
8972657_RishikumarPatel_Lab4
i-00337325f848b3a49
Terminated
t3.micro
i-09cea7474f0d57198 (8972657_RishikumarPatel_Lab4)
Availability zone
us-east-1a
Use RBN as guest OS hostname
Disabled
Carrier IP addresses (ephemeral)
Outpost ID
Network Interfaces (0) Info
Interface ID
Device index
Card index
Description
Public IPv4 address
Private IPv4 address
Private IPv4 DNS
IPv6 addresses
No network interfaces attached to this instance
Elastic IP addresses (0) Info
Name
Allocated IPv4 address
Type
Address pool
Allocation ID
No Elastic IP addresses are associated with this instance
CloudShell
Feedback
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences