**School of Computer Science**

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**DEHRADUN, UTTARAKHAND**



System Monitoring And Configuration Mangement

**Lab File**

**(2023-2024)**

**for**

**6th Semester**

Submitted To: Submitted By:

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B. Tech. CSE DevOps

[6h Semester]

Sap id- 500093614

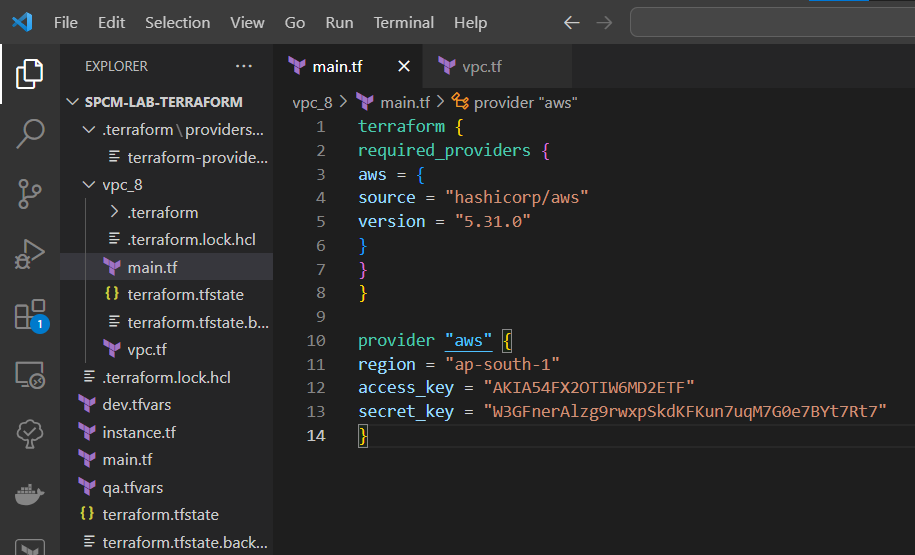
Batch 2

R2142210028

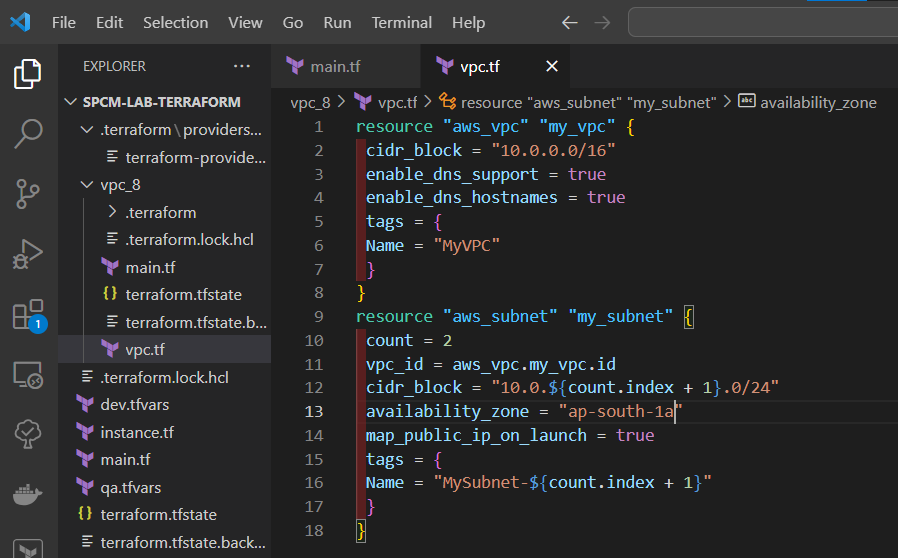
**LAB EXERCISE 8**

**Aim: Creating a VPC in Terraform Objective**

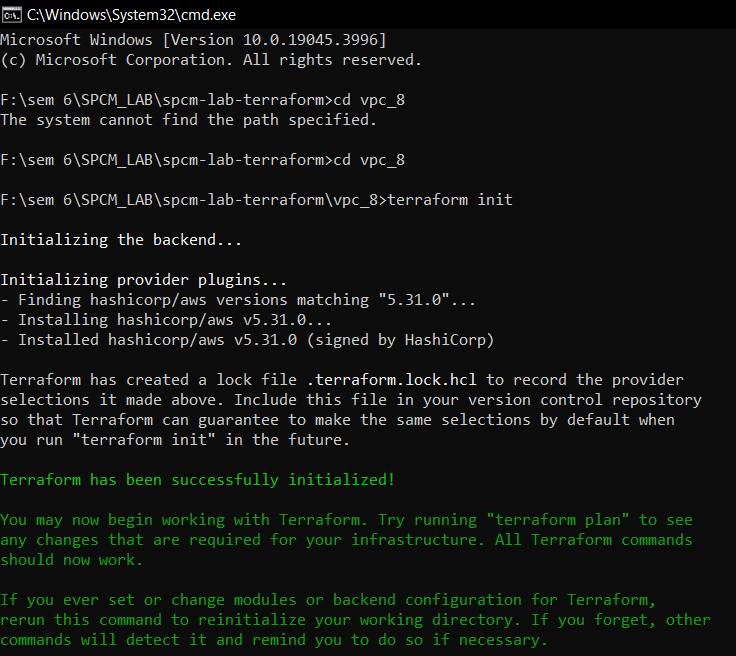
Step 1: Create a main.tf file



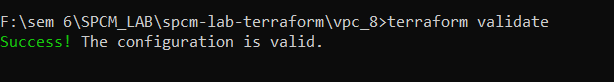
Step 2: Create a vpc.tf file



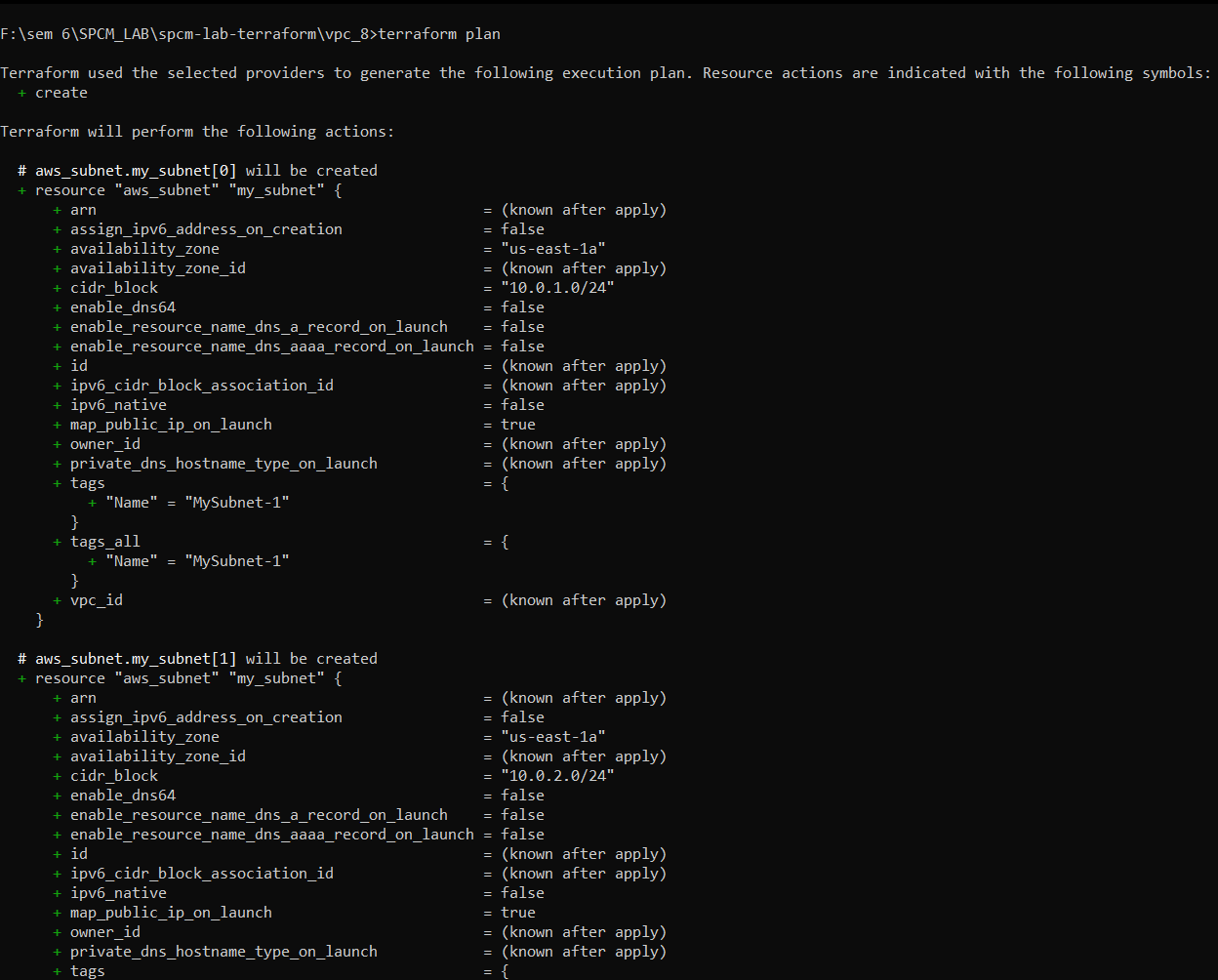
Step 3: Now run terraform init command to Initialize.

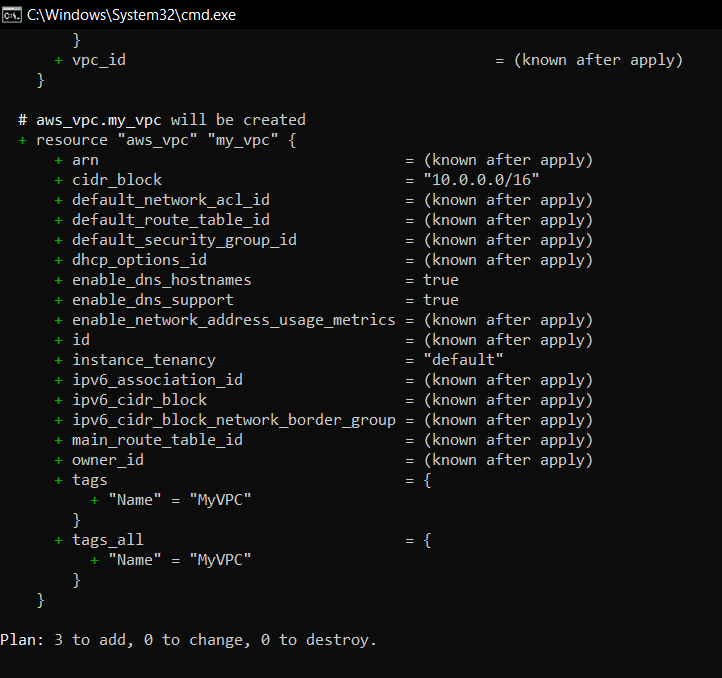


Step 4: Now run the terraform validate command to check if any error is present or not.

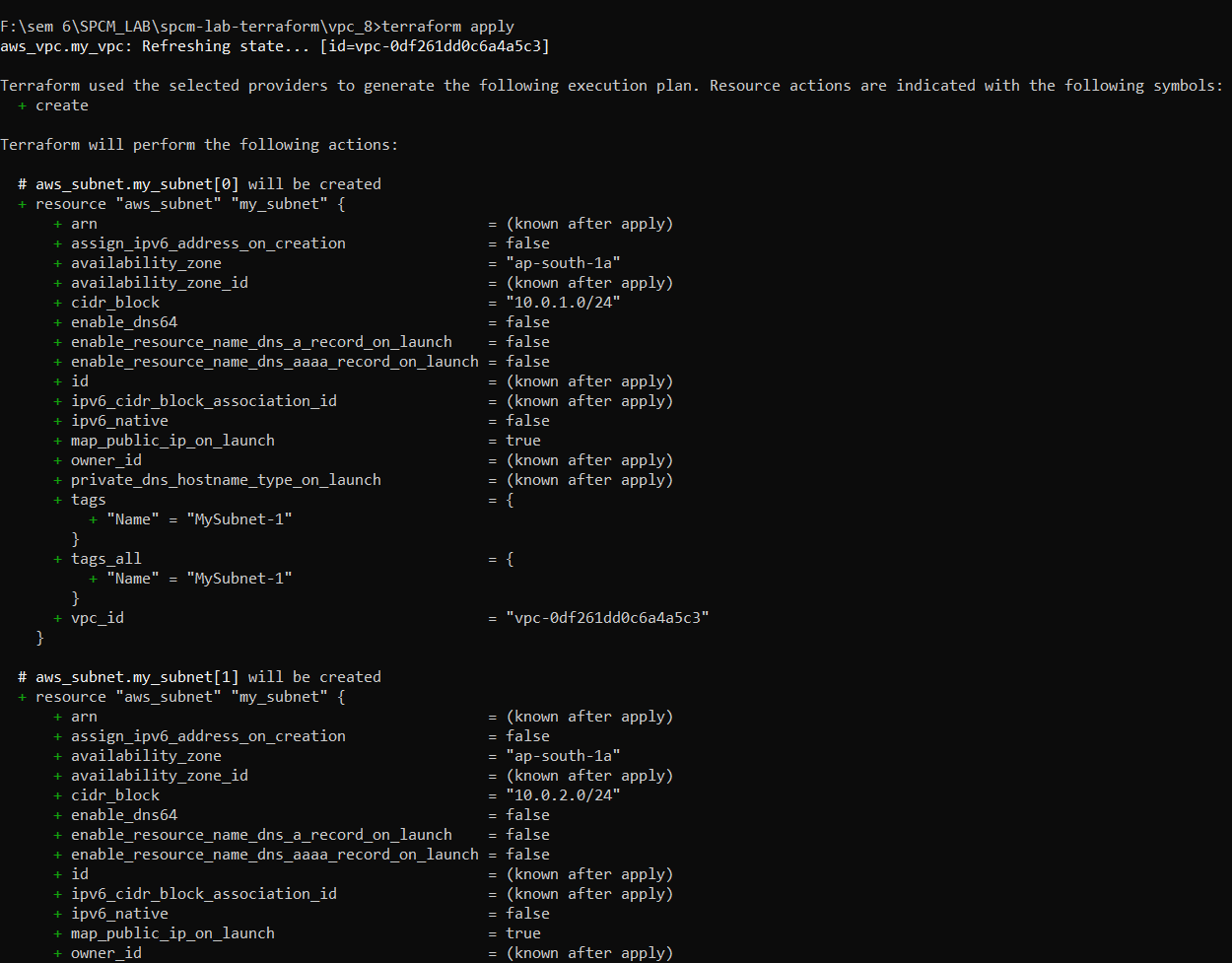


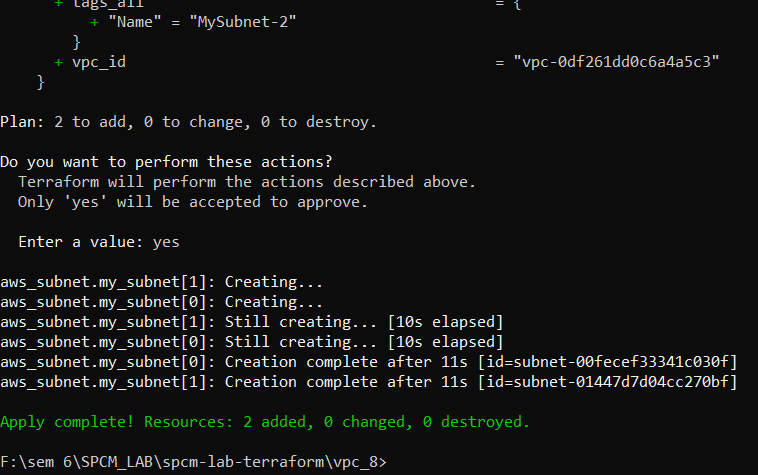
Step 5: Now run terraform plan command

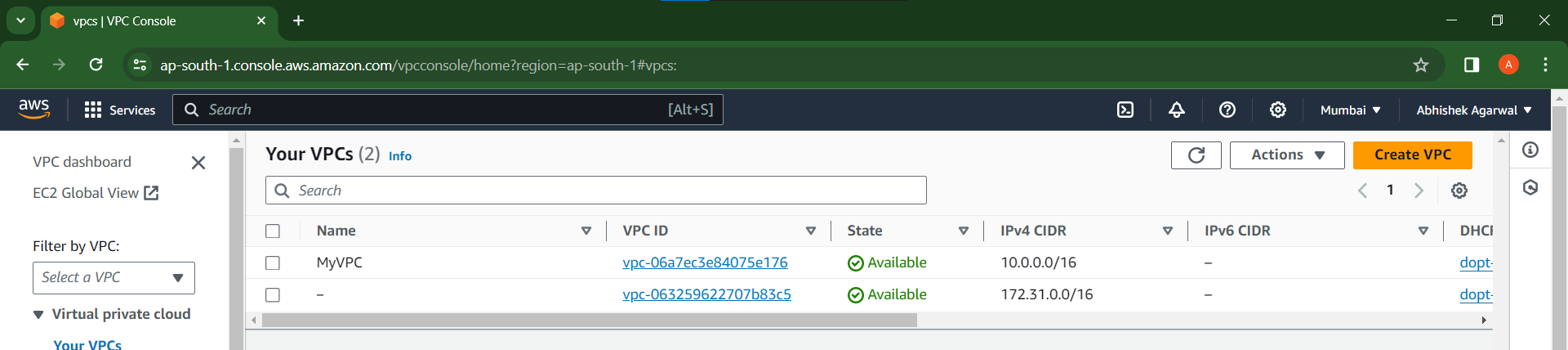


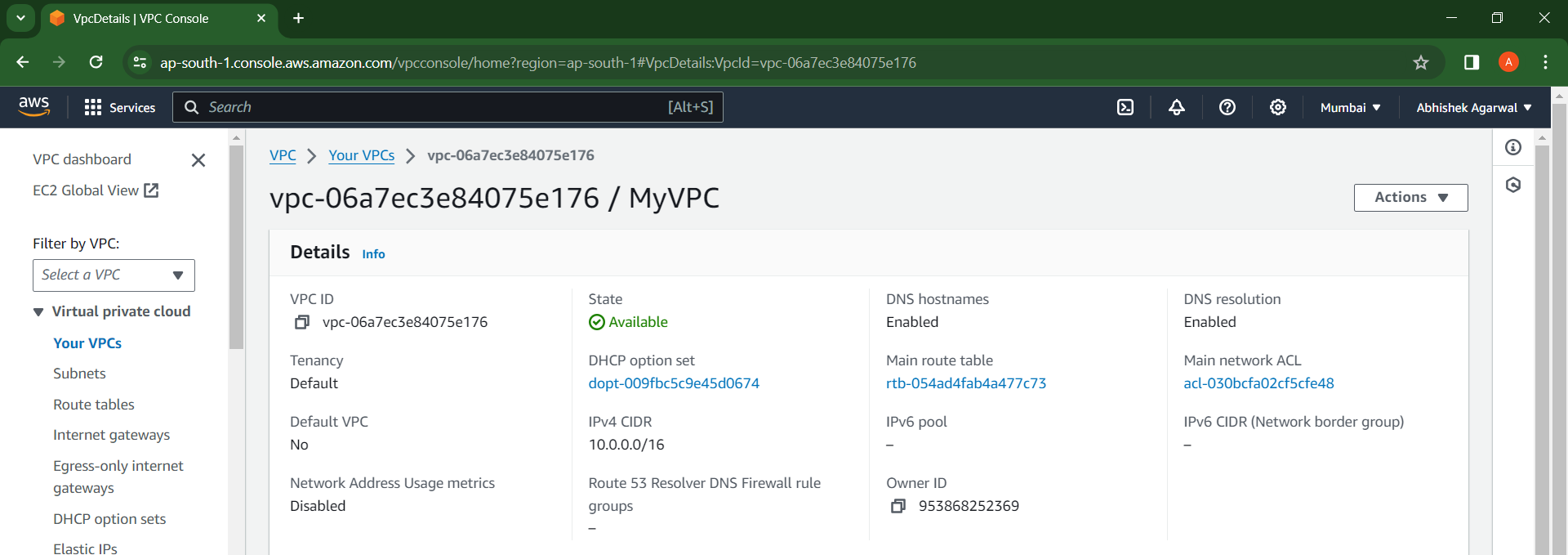


Step 6: Now run the terraform apply command.

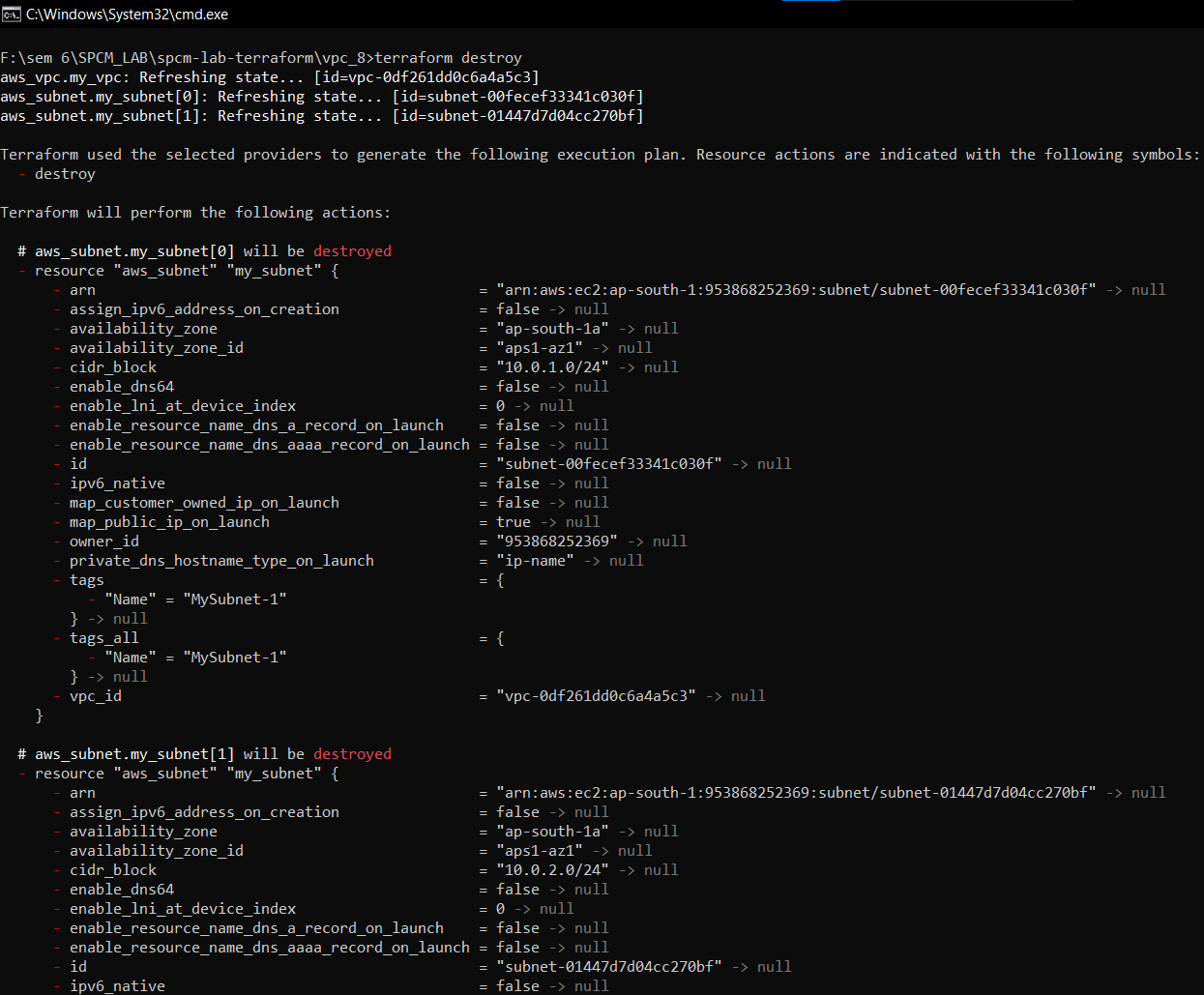


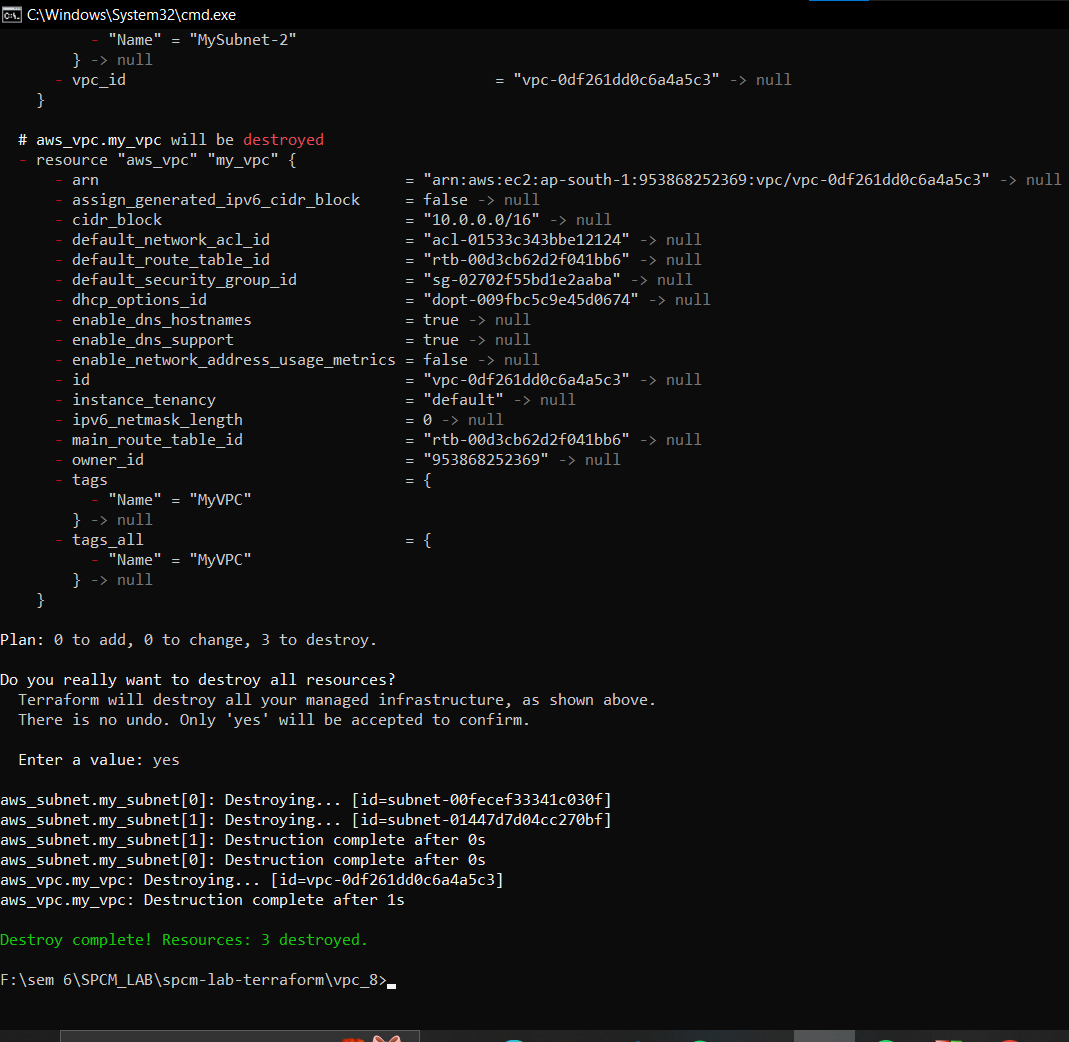


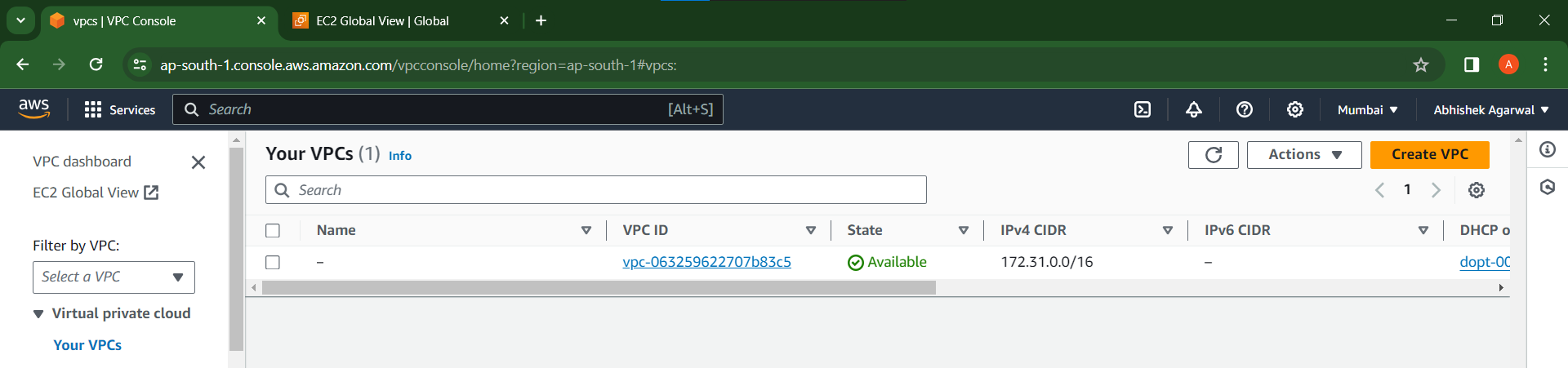




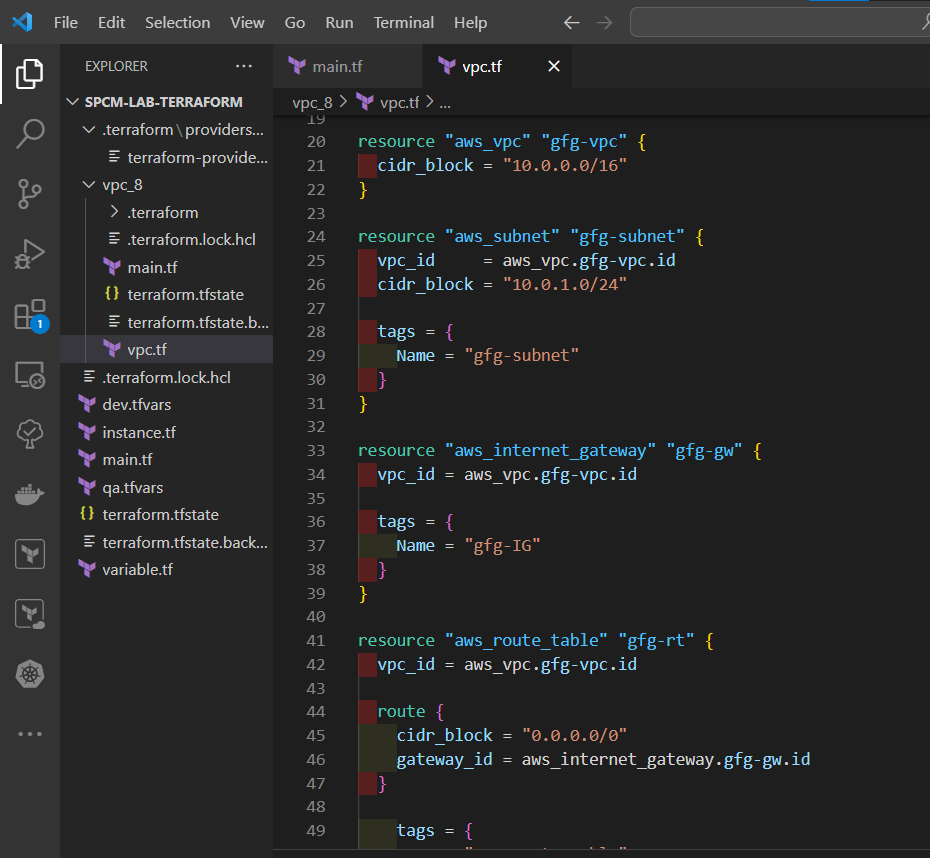
Step 7: Now run the terraform destroy to destroy the VPC created.

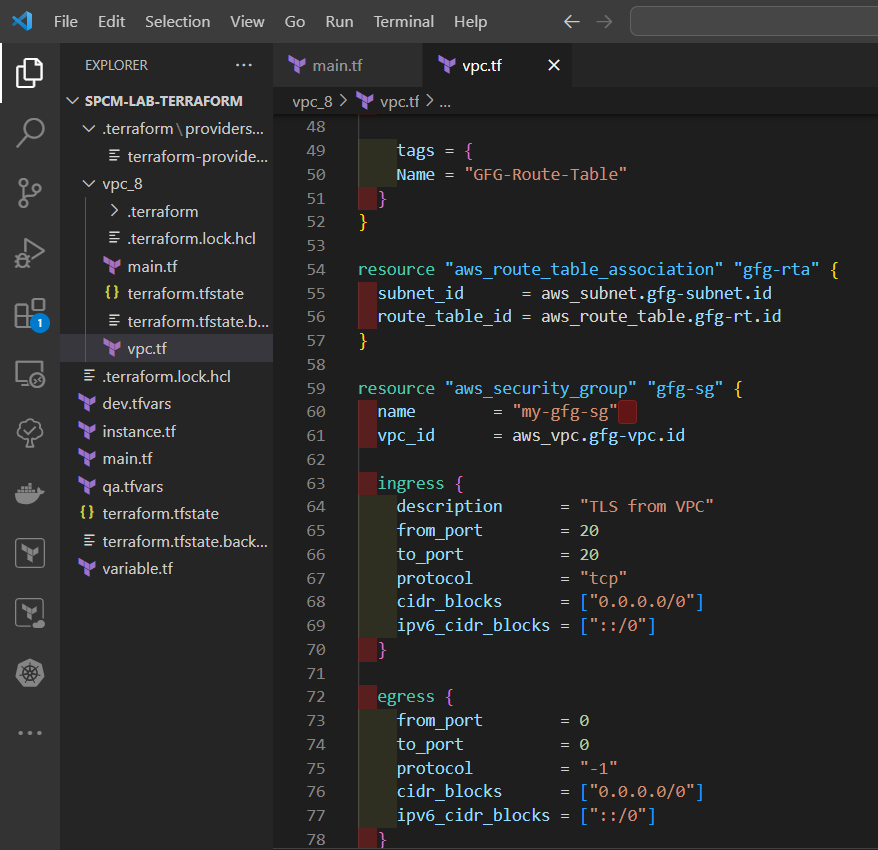


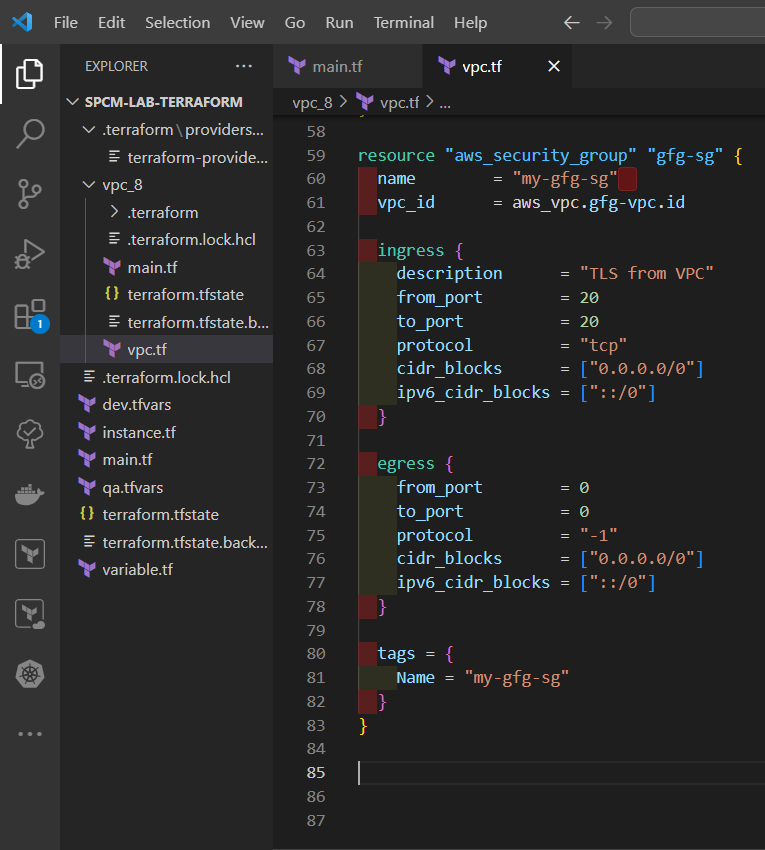




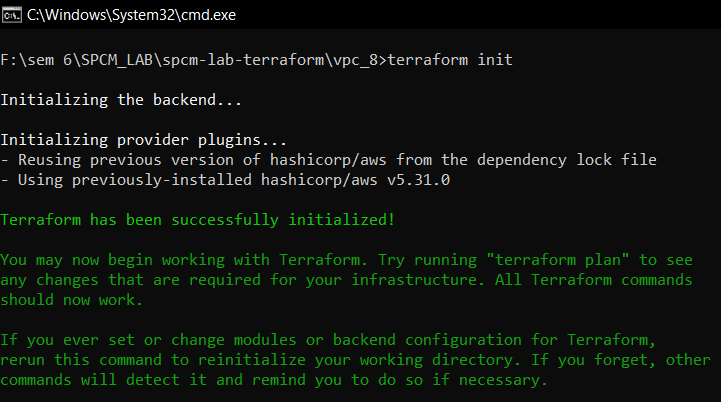
Step 8: Now update the vpc.tf file.





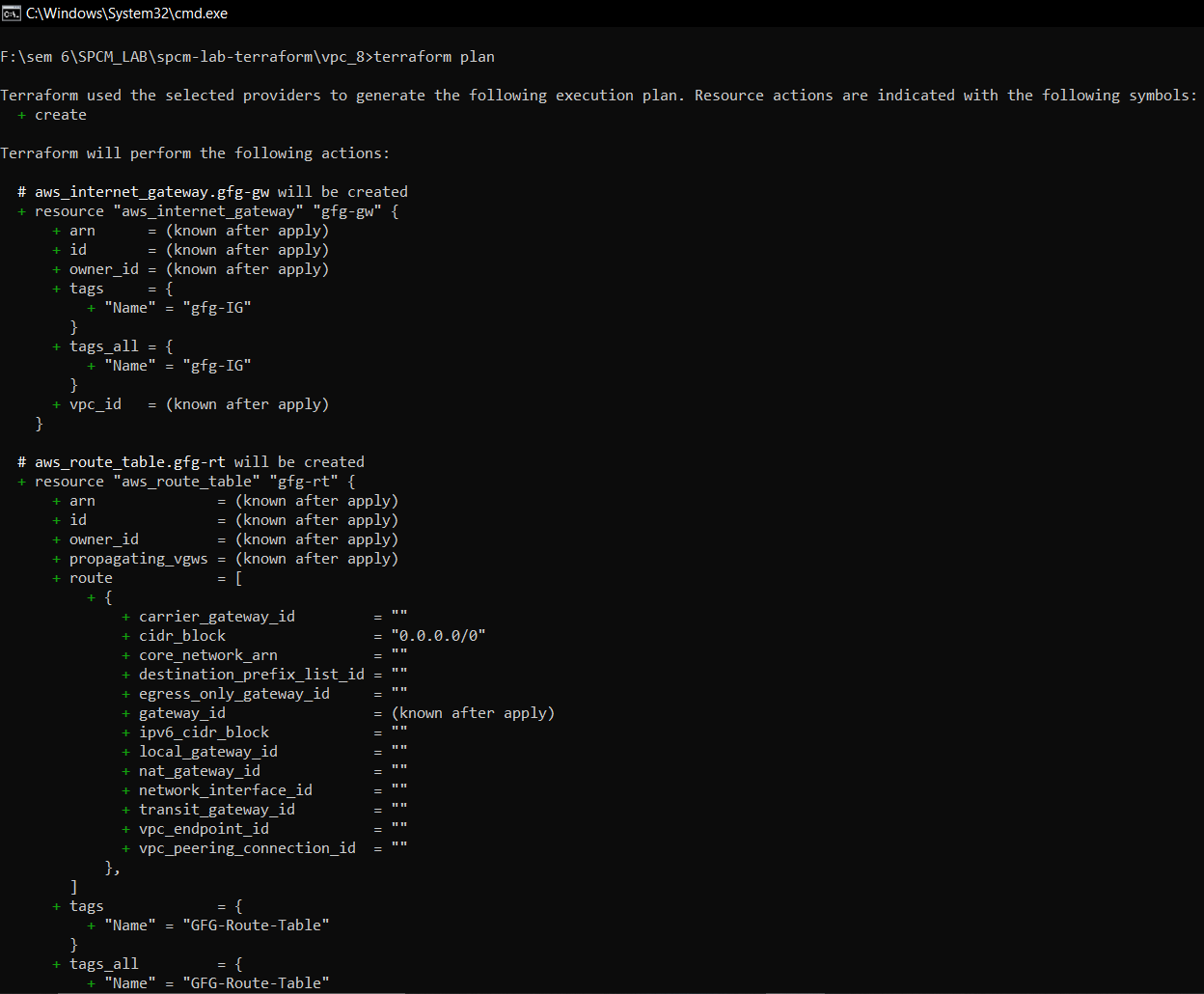


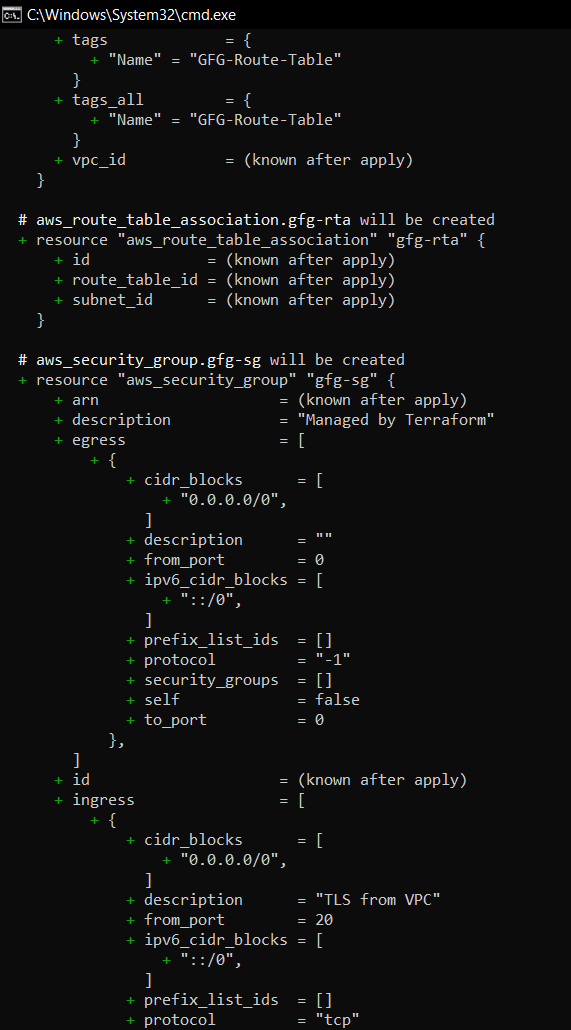
Step 9: Now again run the terraform run and validate command.

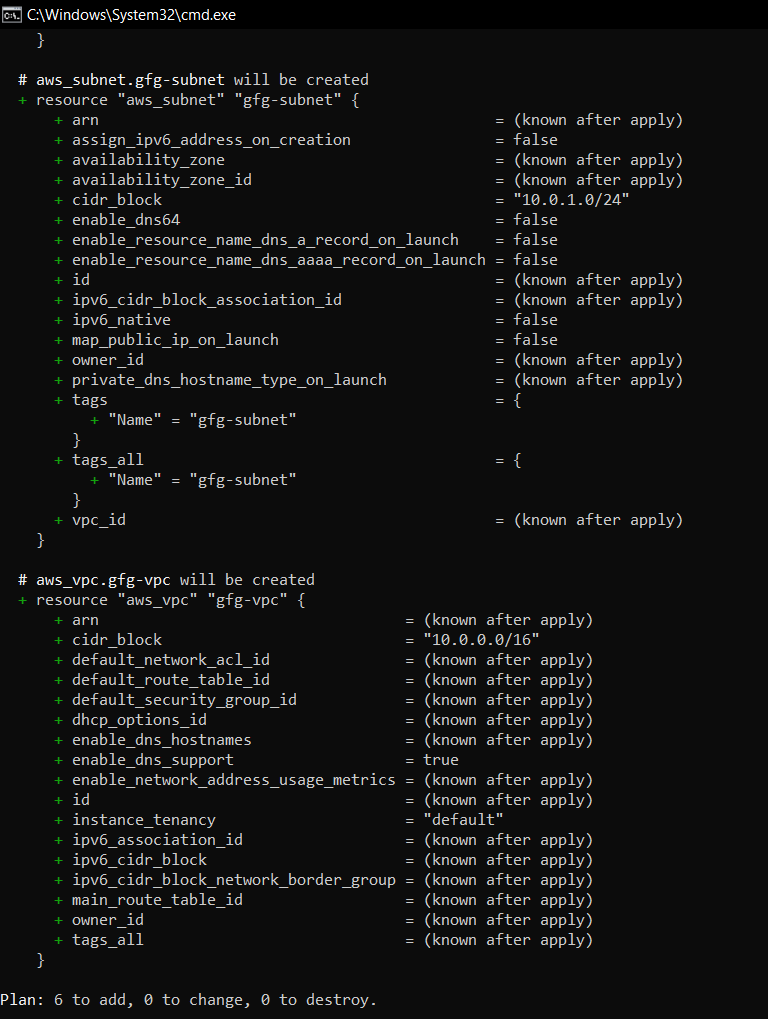




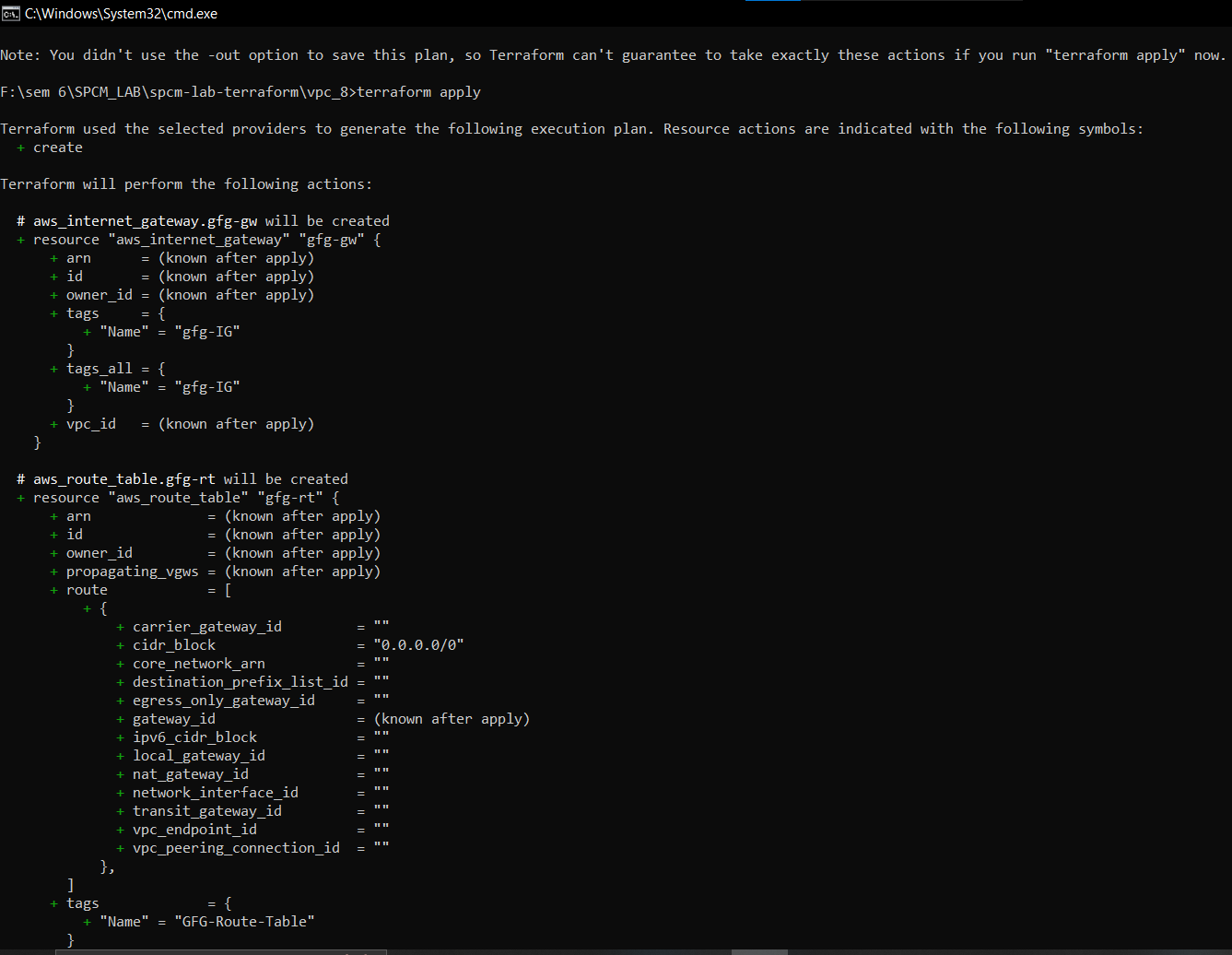
Step 10: Now again run the terraform plan command.

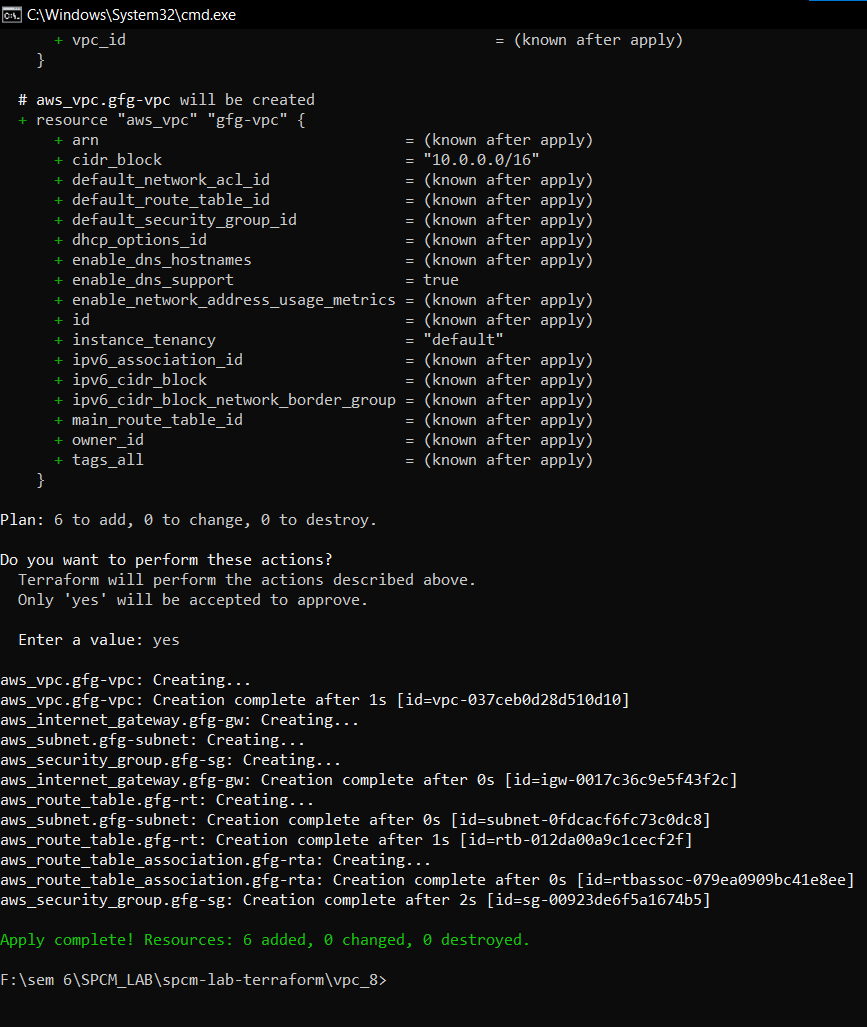


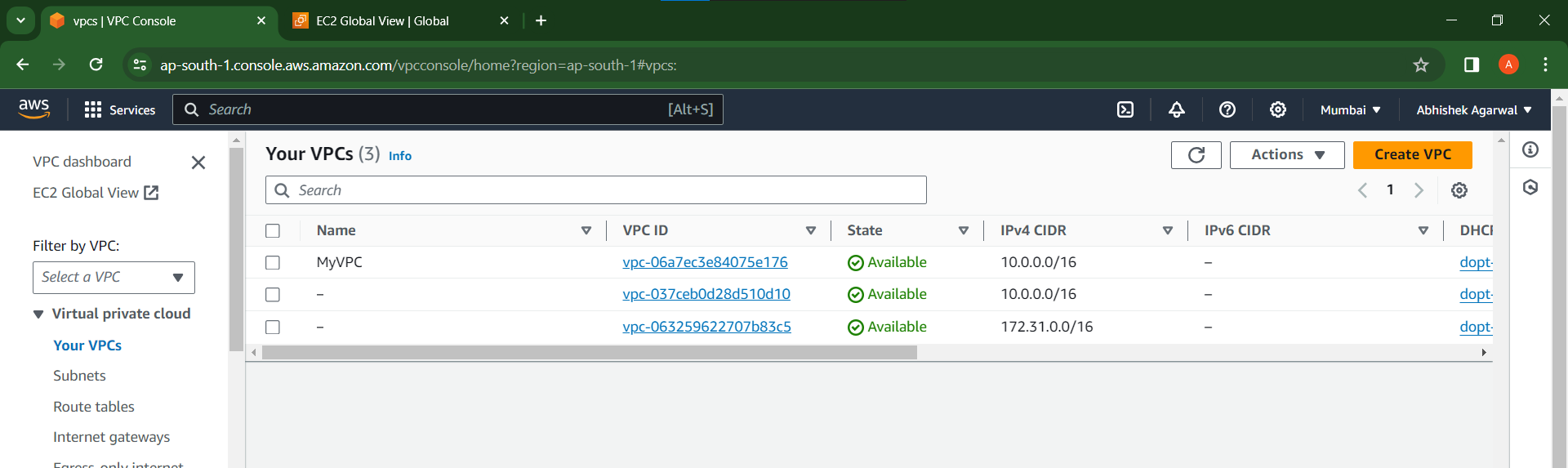


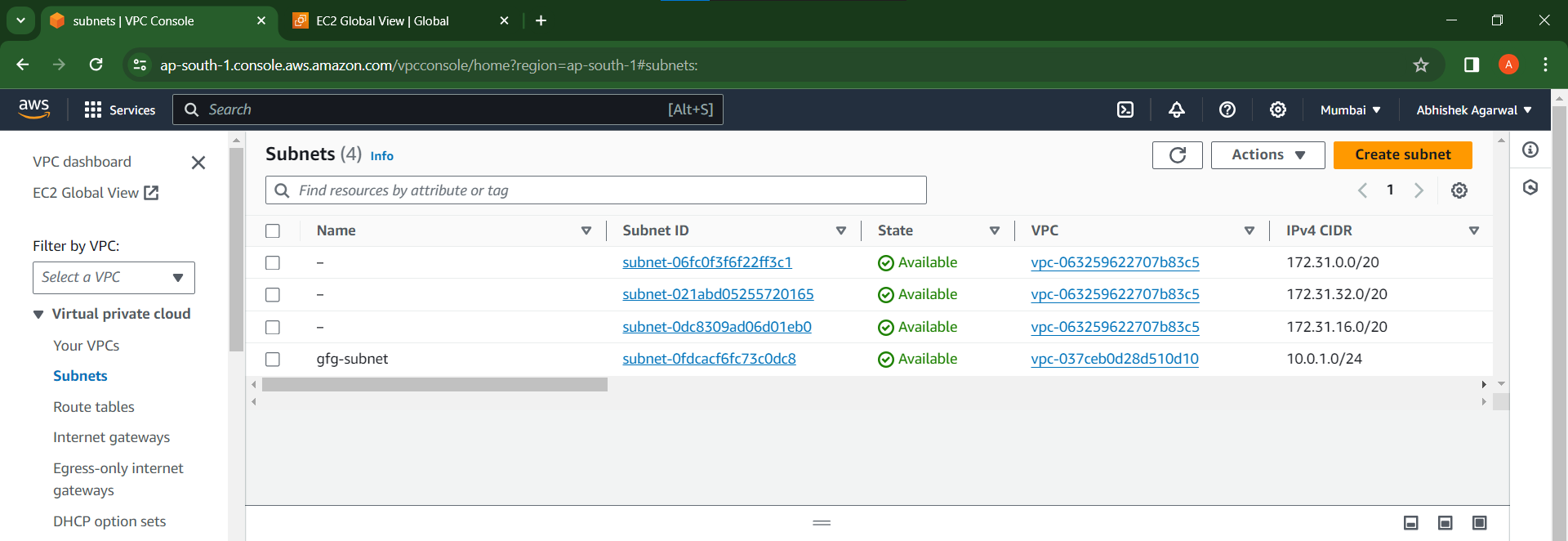


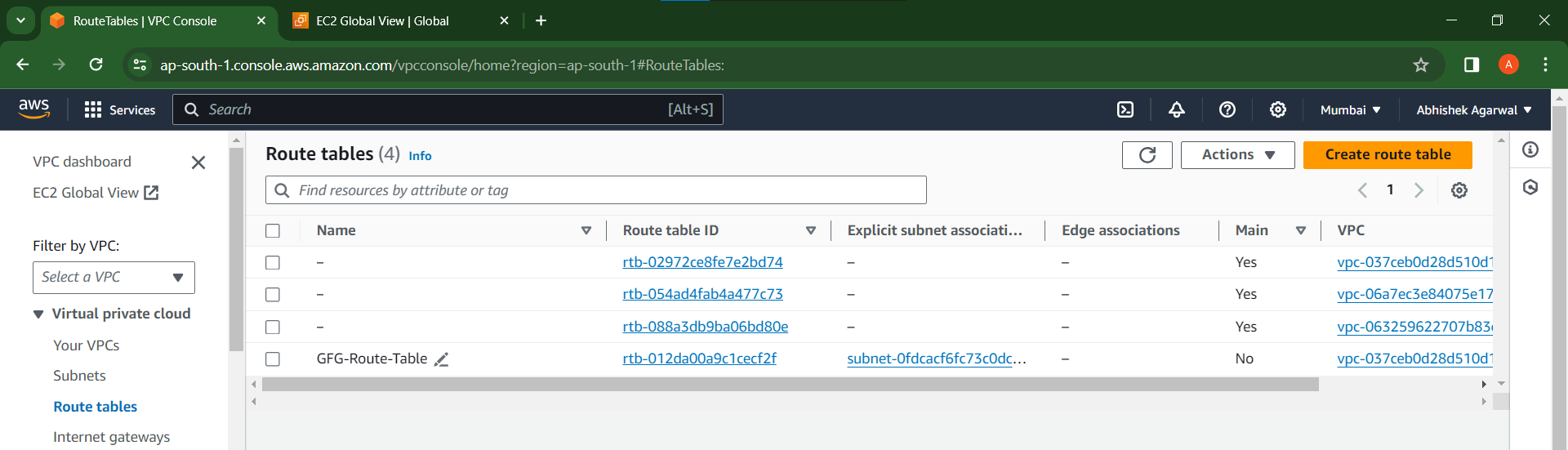
Step 11: Now run the terraform apply command.

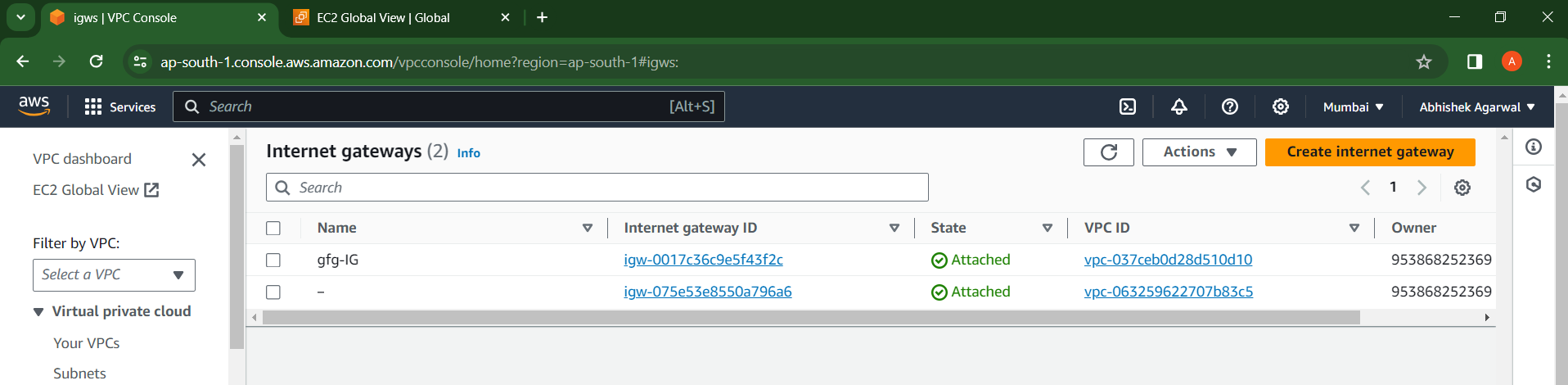












Step 12: Now run terraform destroy command.

