SYSTEM PROVISIONING AND CONFIGURATION MANAGEMENT LAB

Lab File
(2023-2024)

for

6th Semester

Submitted To

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Exercise 5 - Terraform Variables with Command Line Arguments

Objective:
Learn how to pass values to Terraform variables using command line arguments.

Prerequisites:
• Terraform installed on your machine.
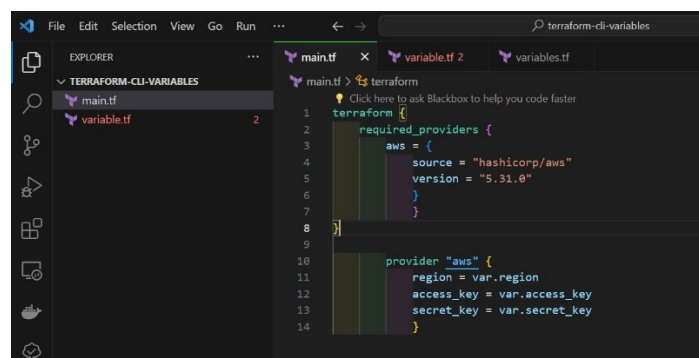• Basic knowledge of Terraform variables.

Steps:

1. Create a Terraform Directory:

• Create a new directory for your Terraform project.
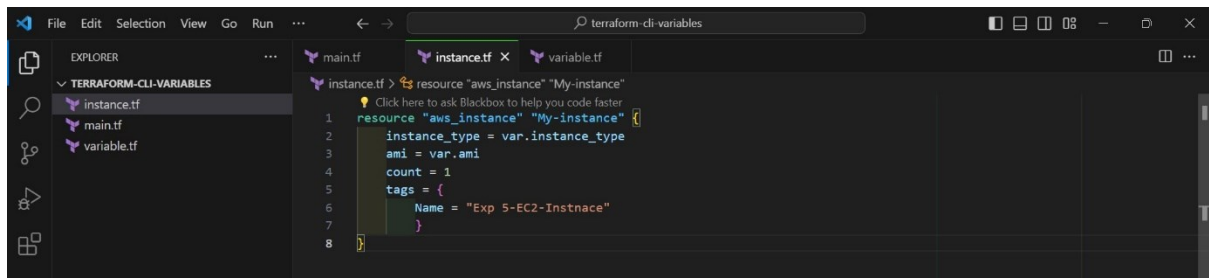
2. Create a Terraform Configuration File:

• Create a file named main.tf within your project directory.

Create a terraform configuration file for EC2 Instance (instance.tf) & add variables to them.
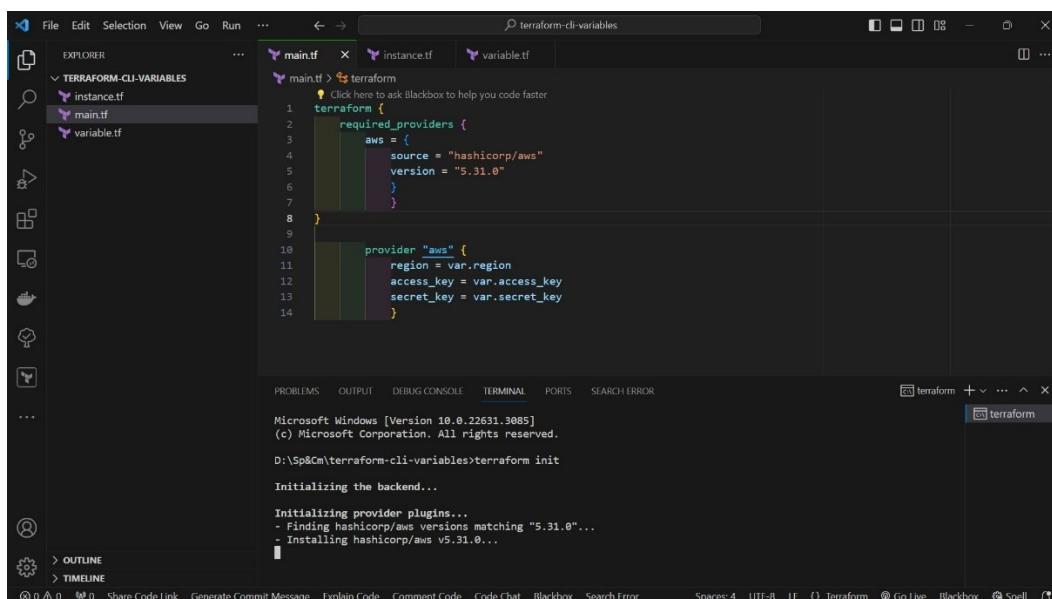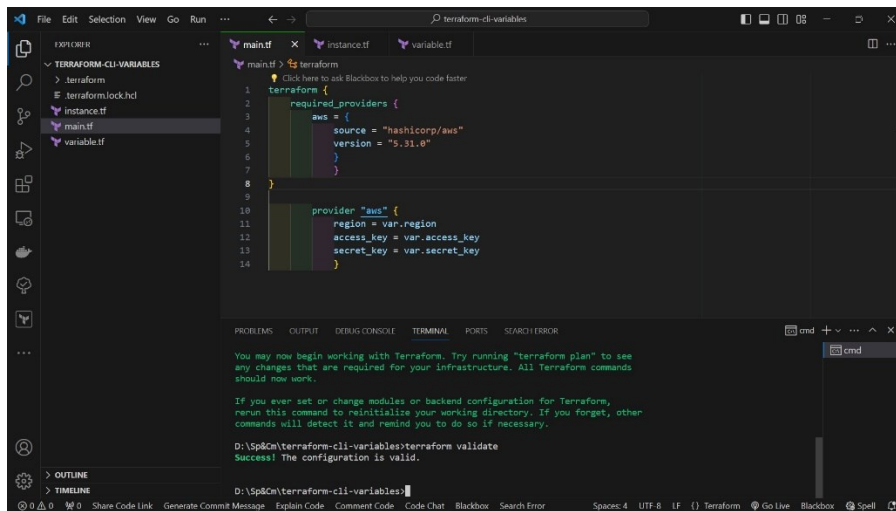
3. Define Variables:

• Open a new file named variables.tf. Define variables for region, ami, and instance_type.
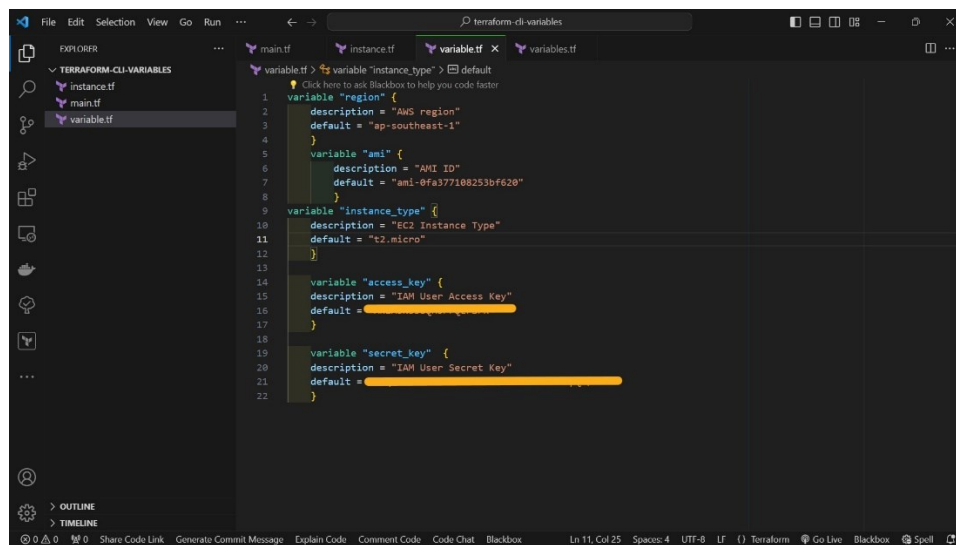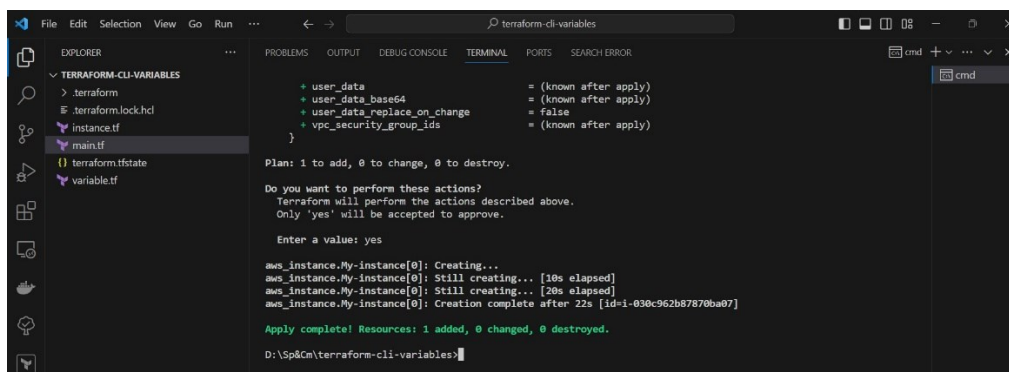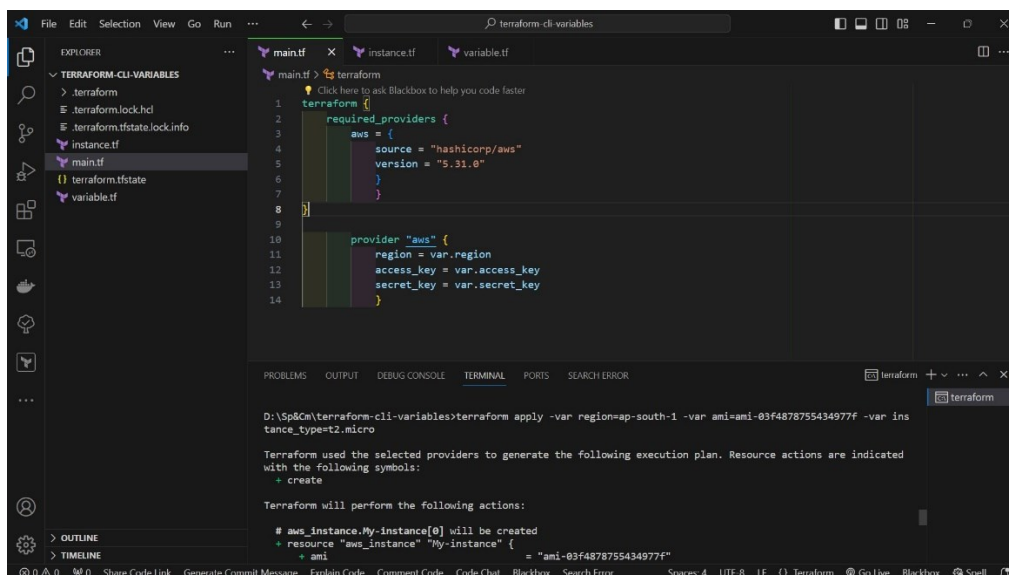

4. Use Command Line Arguments:
• Open a terminal and navigate to your Terraform project directory.
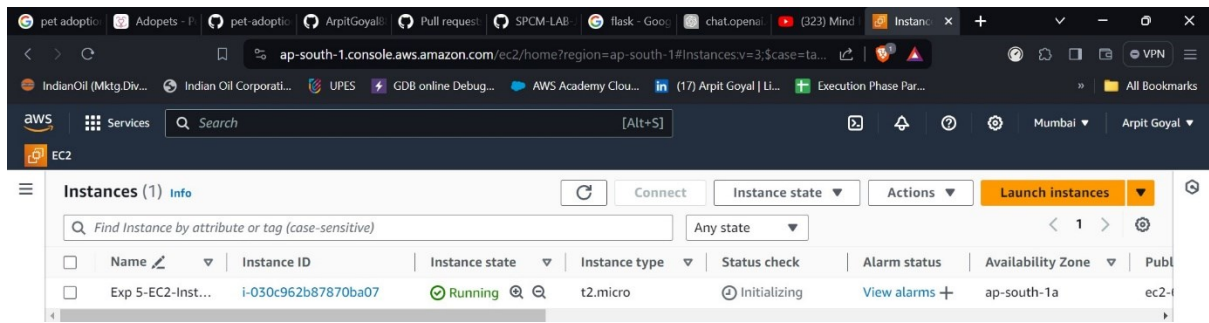• Run the terraform init command: terraform init

• Run the terraform apply command with command line arguments to set variable values:

5. Test and Verify:

6. Clean Up: