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Lab Exercise 5– Terraform Variables with Command Line Arguments

Objective: -

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

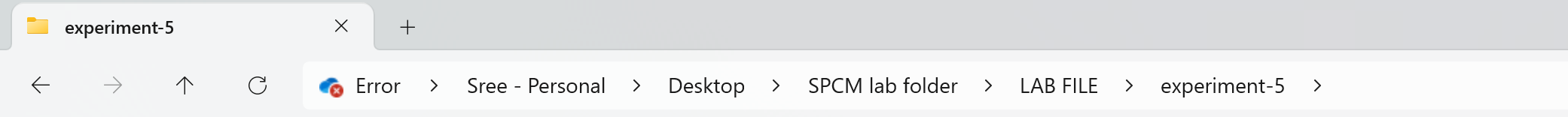
Prerequisites: -

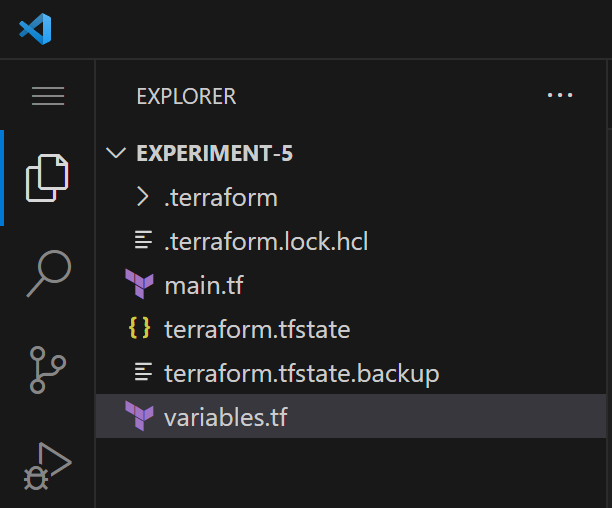
• Terraform installed on your machine.

• Basic knowledge of Terraform variables.

Steps:

1. Create a Terraform Directory: -

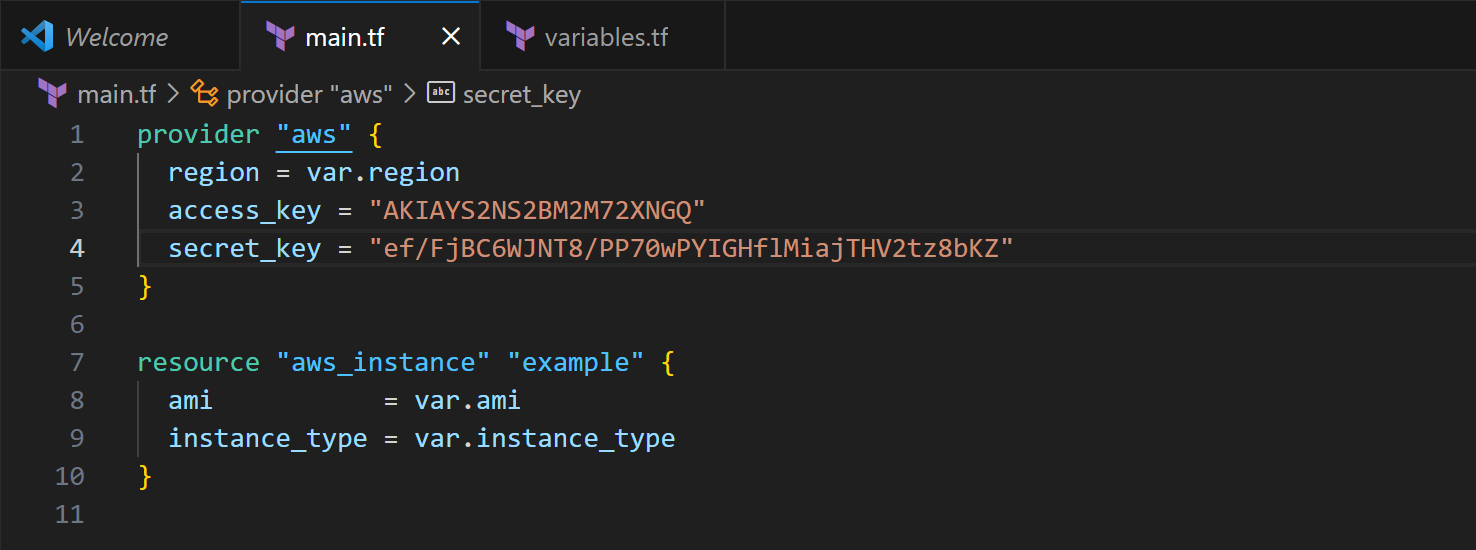




1. Create Terraform Configuration Files: -

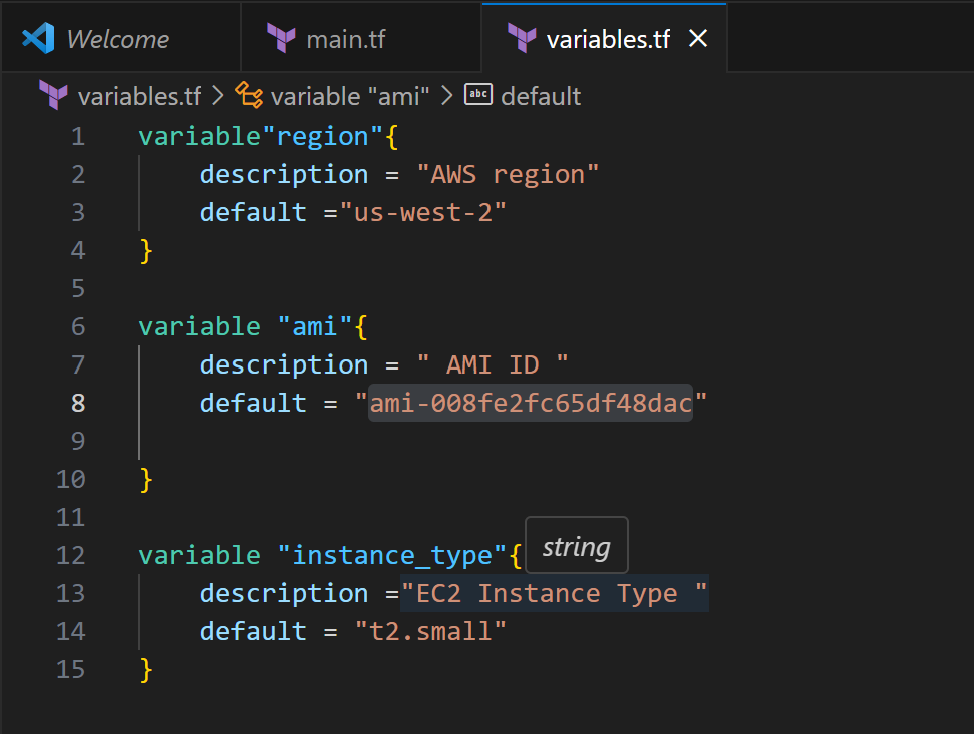
• Create a file named main.tf:

# main.tf



• Create a file named variables.tf:

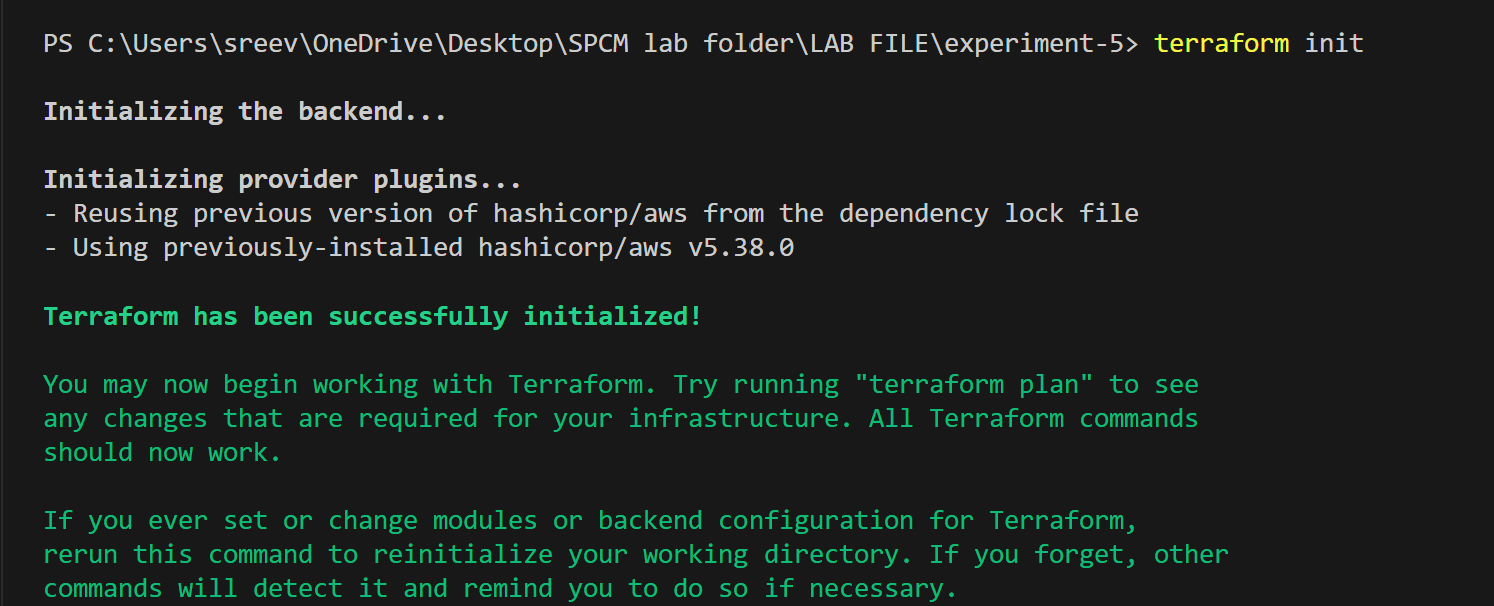
# variables.tf

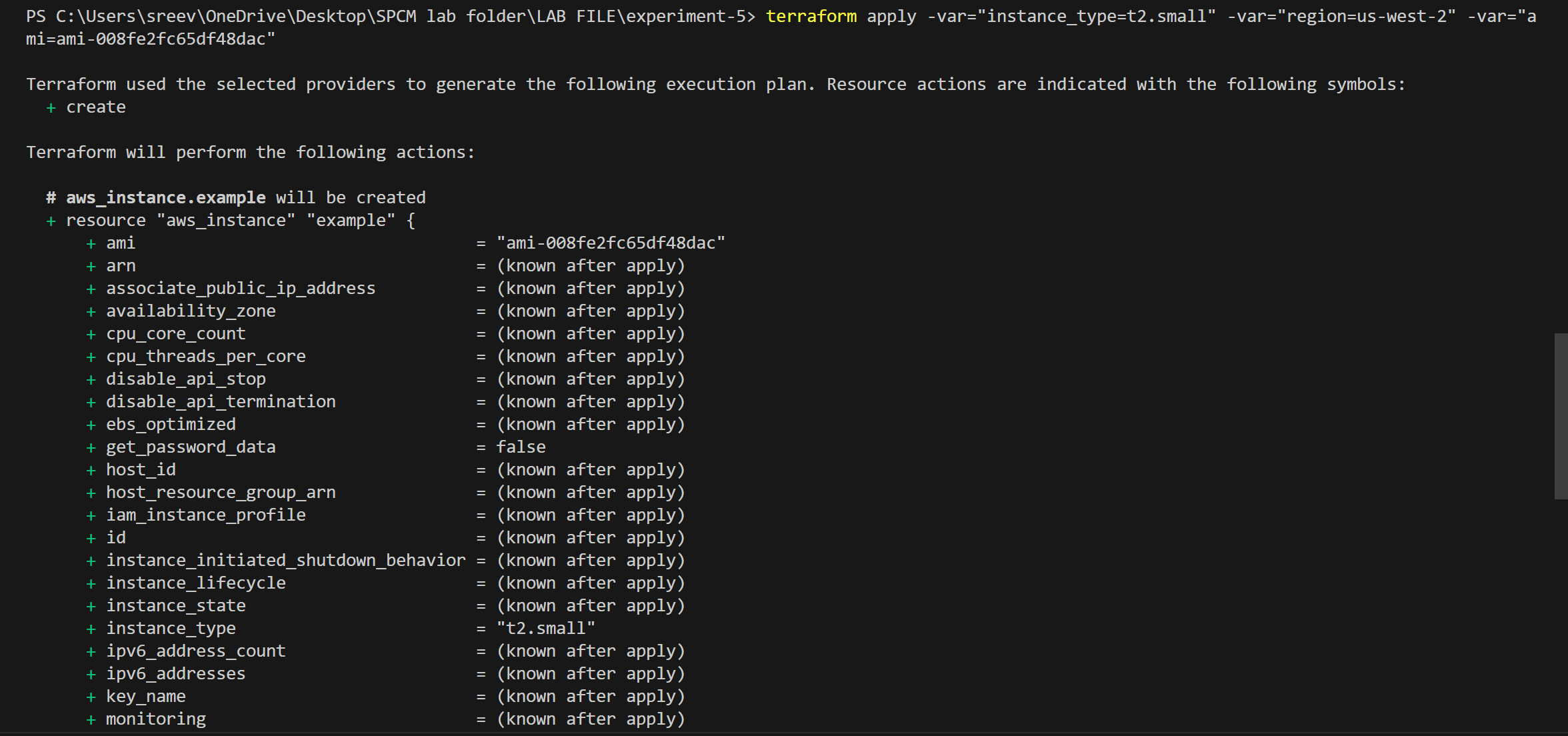


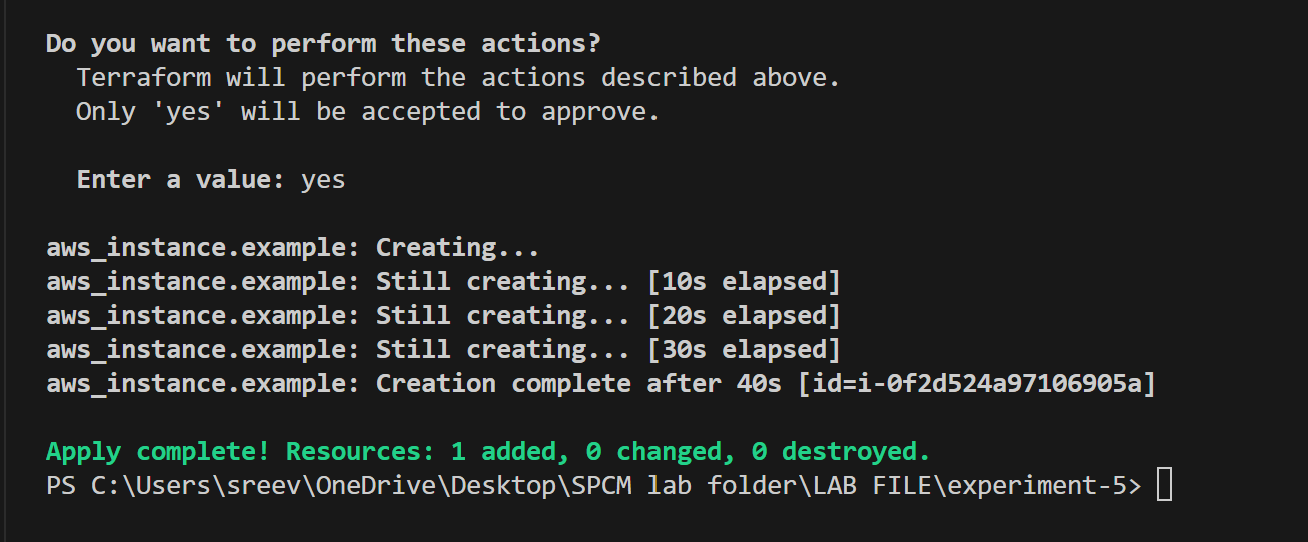
1. Use Command Line Arguments:

• Open a terminal and navigate to your Terraform project directory.

• Run the terraform init command:



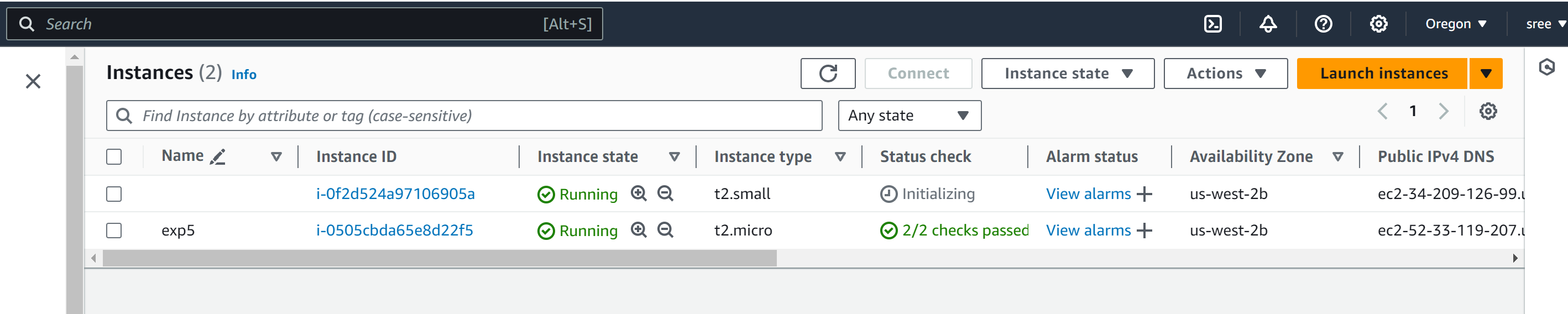




4.Test and Verify:

• Observe how the command line arguments dynamically set the variable values during the apply process.

• Access the AWS Management Console or use the AWS CLI to verify the creation of resources in the specified region.



1. Clean Up:

After testing, you can clean up resources:

