

Lab Exercise 2– Terraform AWS Provider Configuration

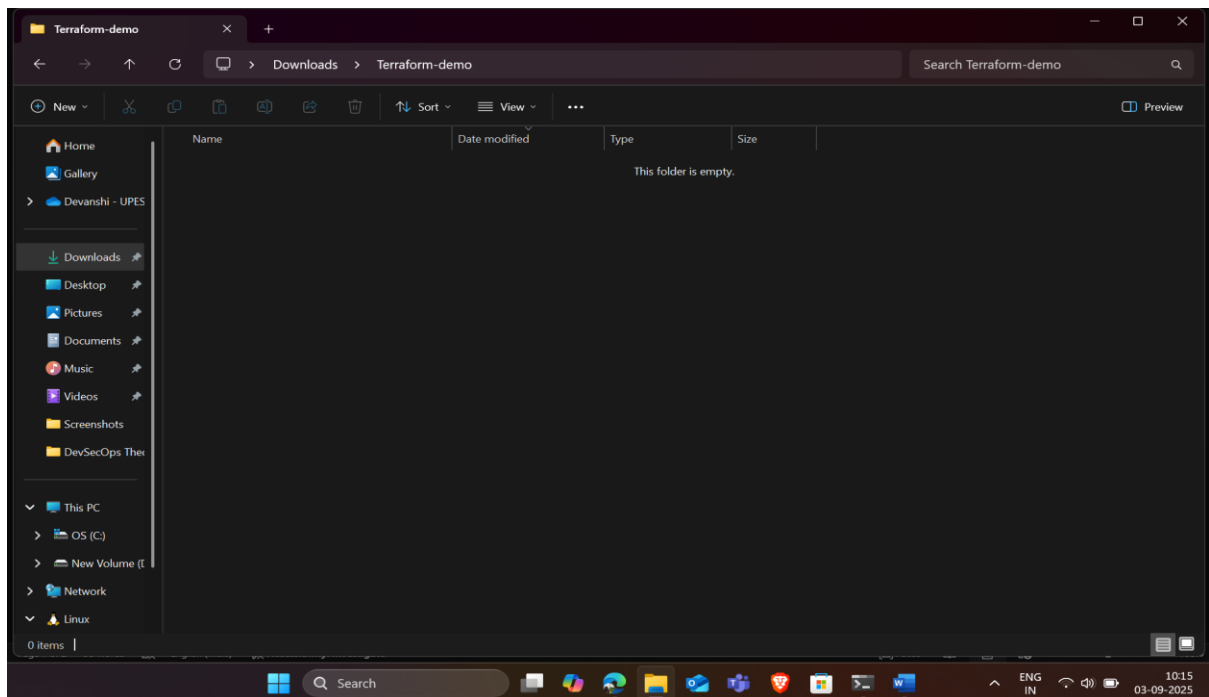
Prerequisites: Terraform Installed: Make sure you have Terraform installed on your machine. Follow the official installation guide if needed.

Exercise Steps:

Step 1: Create a New Directory:

Create a new directory for your Terraform configuration:

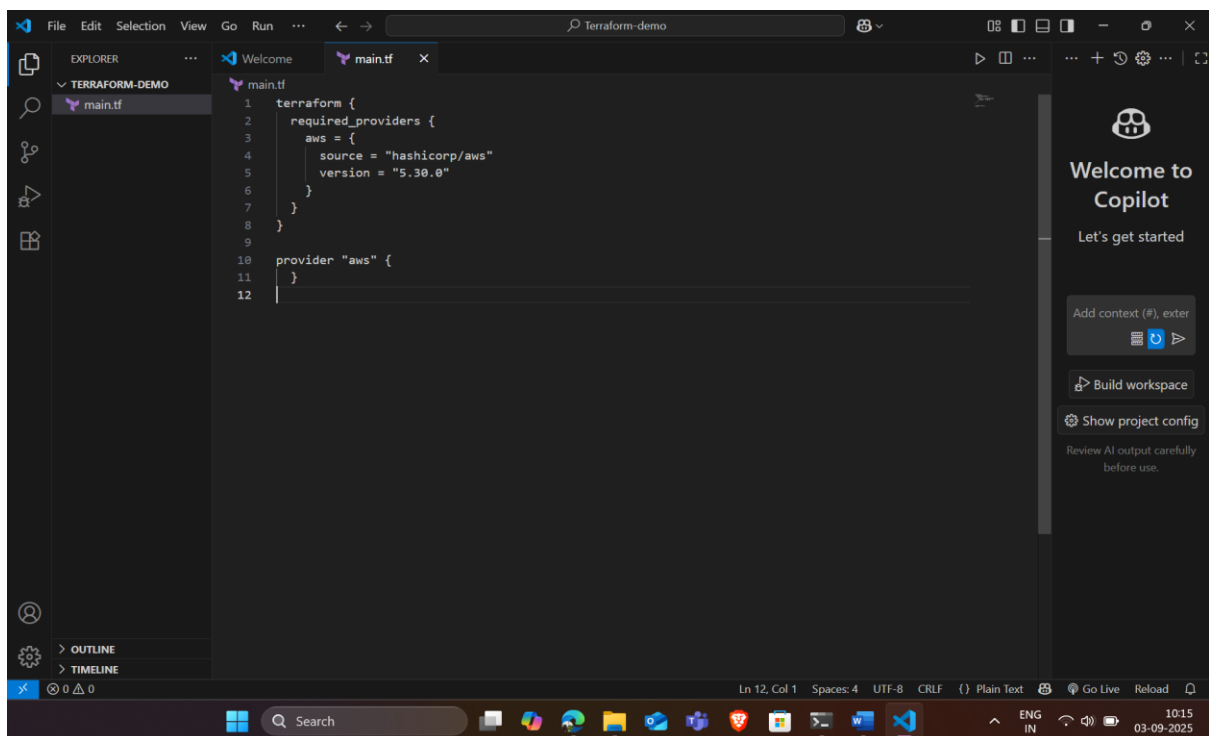
“Terraform-Demo”



Step 2: Create Terraform Configuration File (main.tf):

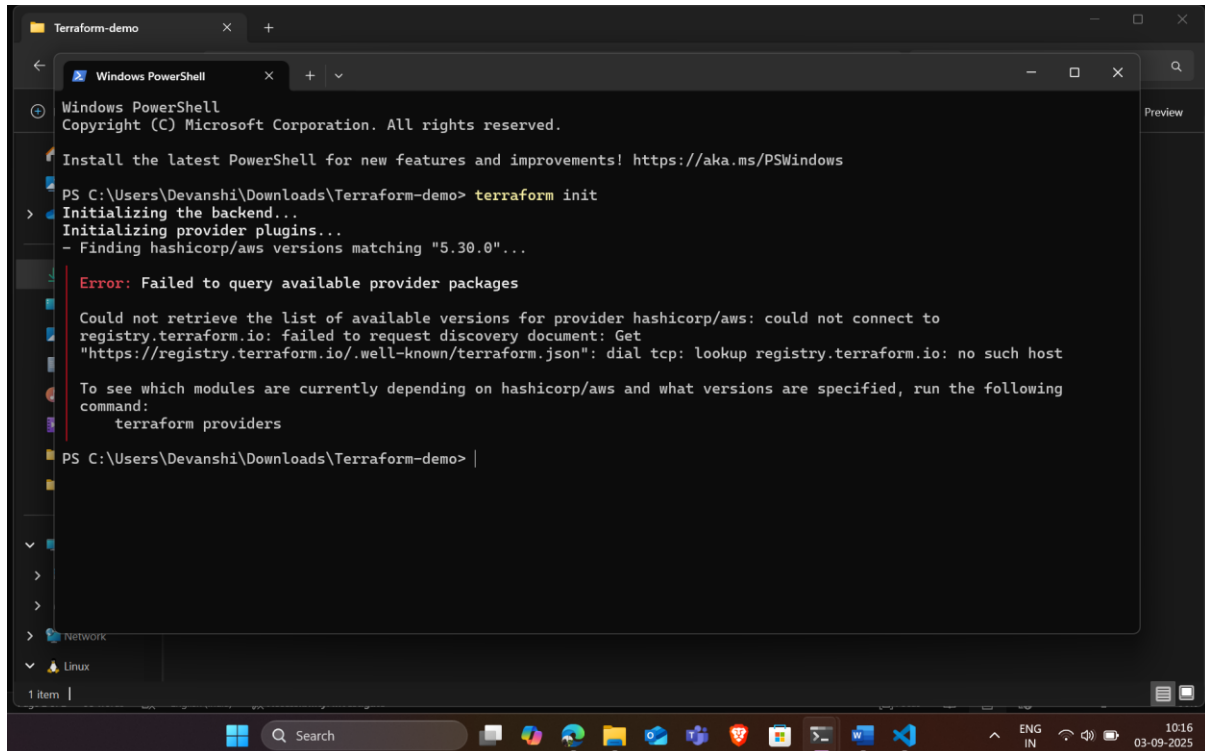
Create a file named main.tf with the following content:

```
terraform {  
  required_providers {  
    aws = {  
      source = "hashicorp/aws"  
      version = "5.30.0"  
    }  
  }  
}  
  
provider "aws" {  
}
```



Step 3: Initialize Terraform:

Run the following command to initialize your Terraform working directory:



```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Devanshi\Downloads\Terraform-demo> terraform init
Initializing the backend...
Initializing provider plugins...
- Finding hashicorp/aws versions matching "5.30.0"...

Error: Failed to query available provider packages

Could not retrieve the list of available versions for provider hashicorp/aws: could not connect to
registry.terraform.io: failed to request discovery document: Get
"https://registry.terraform.io/.well-known/terraform.json": dial tcp: lookup registry.terraform.io: no such host

To see which modules are currently depending on hashicorp/aws and what versions are specified, run the following
command:
    terraform providers

PS C:\Users\Devanshi\Downloads\Terraform-demo> |
```