Lab Exercise 4

Terraform Variables

1. Create a Terraform Directory:

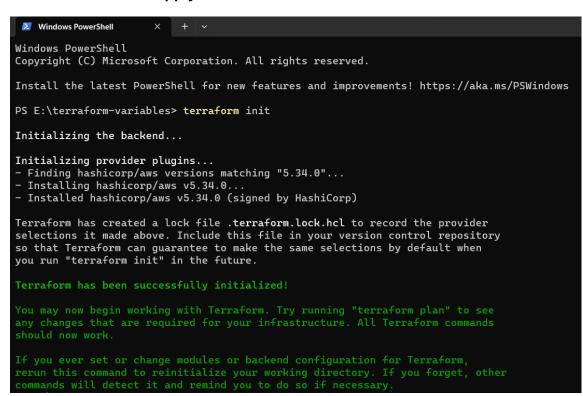
2. Create a Terraform Configuration File:

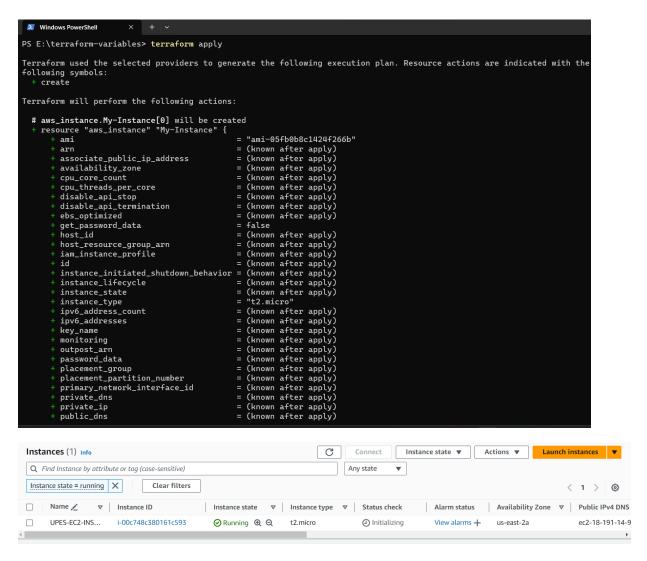
```
main.tf
variables.tf
                          ×
                               instance.tf
main.tf
      terraform {
        required_providers {
          aws = {
            source = "hashicorp/aws"
            version = "5.34.0"
        }
      provider "aws" {
        region = var.region
 11
        access key = "AKIAVRUVV37F66GBPTT4"
       secret_key = "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"
 14
```

3. Define Variables:

4. Use Variables in instance.tf:

5. Initialize and Apply:





6. Clean Up:

```
http_put_response_hop_limit = 1 -> null
                                          = "optional" -> null
            http_tokens
                                          = "disabled" -> null
             instance_metadata_tags
      - private_dns_name_options {
            enable_resource_name_dns_a_record
                                                   = false -> null
            enable_resource_name_dns_aaaa_record = false -> null
                                                    = "ip-name" -> null
            hostname_type
        root_block_device {
          - delete_on_termination = true -> null
           - device_name
                                = "/dev/sda1" -> null
          - encrypted
                                  = false -> null
          iops
                                  = 100 -> null
           - tags
                                  = {} -> null
                                 = 0 -> null

    throughput

                                   = "vol-04326ca5898c93d1d" -> null
            volume_id
            volume_size
                                   = 8 -> null
                                   = "gp2" -> null
            volume_type
Plan: 0 to add, 0 to change, 1 to destroy.
Do you really want to destroy all resources?
  Terraform will destroy all your managed infrastructure, as shown above.
  There is no undo. Only 'yes' will be accepted to confirm.
  Enter a value: yes
aws_instance.My-Instance[0]: Destroying... [id=i-00c748c380161c593]
aws_instance.My-Instance[0]: Still destroying... [id=i-00c748c380161c593, 10s elapsed]
aws_instance.My-Instance[0]: Still destroying... [id=i-00c748c380161c593, 20s elapsed]
aws_instance.My-Instance[0]: Still destroying... [id=i-00c748c380161c593, 30s elapsed]
aws_instance.My-Instance[0]: Destruction complete after 32s
Destroy complete! Resources: 1 destroyed.
PS E:\terraform-variables>
```

