

TASK – 8

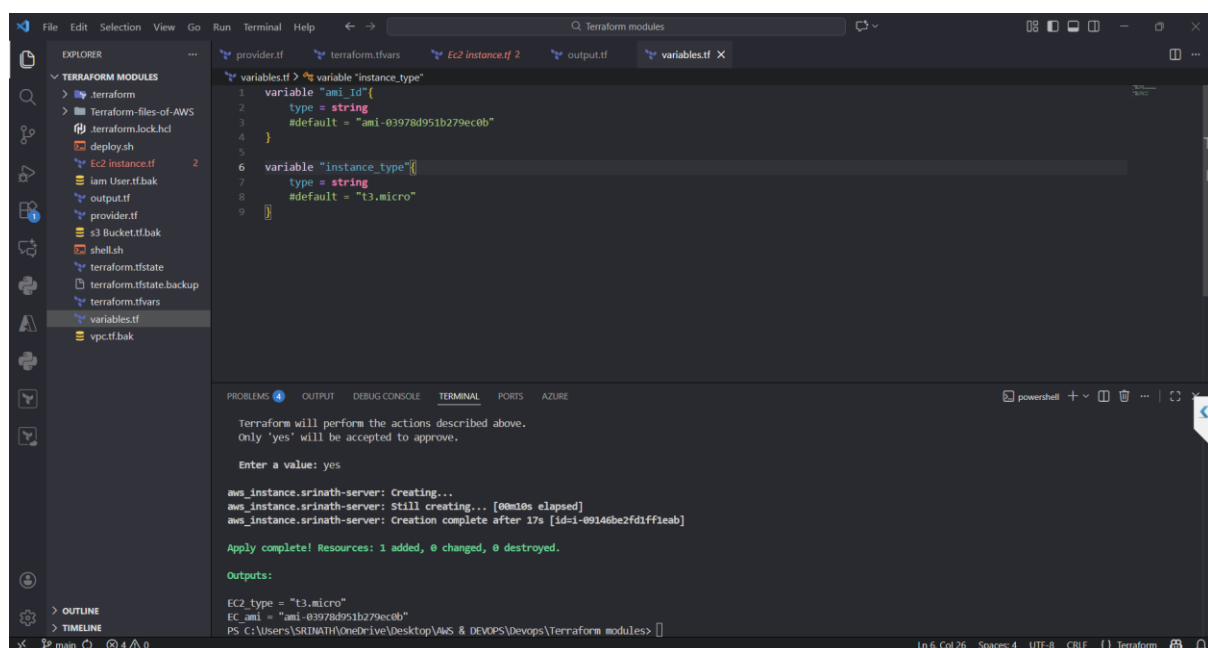
Terraform variables:

Terraform variables are inputs that allow you to customize your infrastructure without changing the main code. They make your Terraform configuration reusable, flexible, and clean.

Terraform output:

Terraform output variables are used to display useful information after running terraform apply.

Terraform variables Output:



The screenshot shows the Visual Studio Code interface with the Terraform modules folder open in the Explorer. The `variables.tf` file is selected, showing the following configuration:

```
1 variable "ami_id" {
2   type = string
3   #default = "ami-03978d951b279ec0b"
4 }
5
6 variable "instance_type" {
7   type = string
8   #default = "t3.micro"
9 }
```

The terminal window shows the output of the `terraform apply` command:

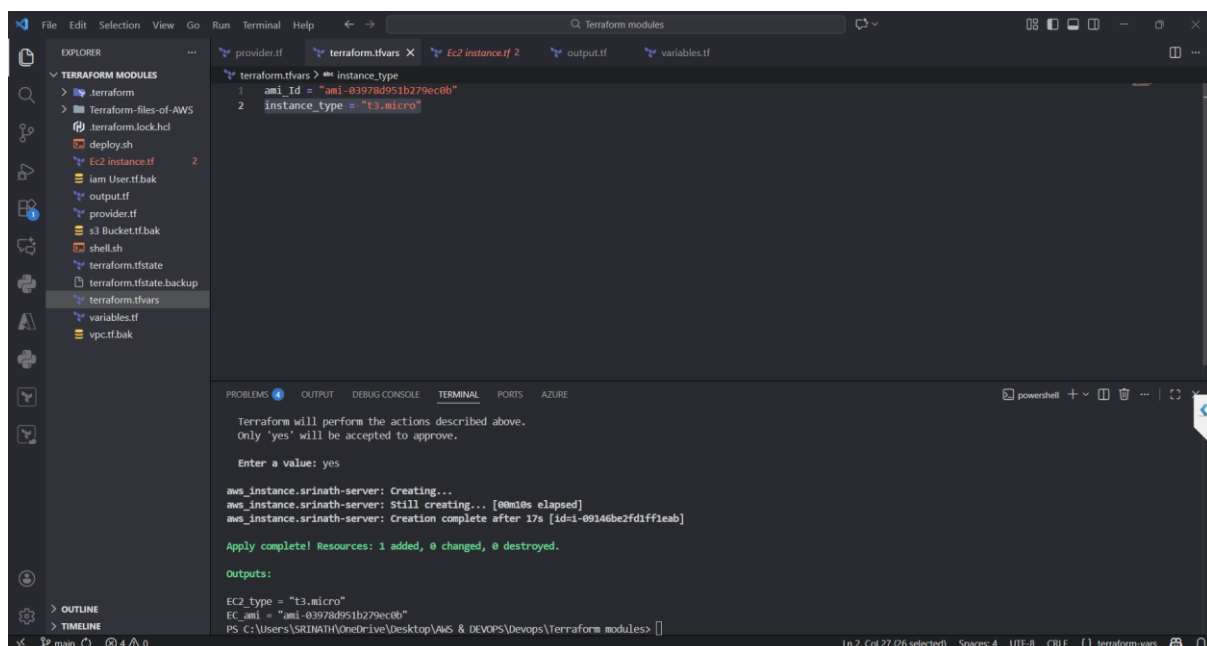
```
Terraform will perform the actions described above.
Only 'yes' will be accepted to approve.

Enter a value: yes

aws_instance.srinath-server: Creating...
aws_instance.srinath-server: Still creating... [00m10s elapsed]
aws_instance.srinath-server: Creation complete after 17s [id=i-09146be2fd1ff1eab]

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.

Outputs:
EC2_type = "t3.micro"
EC_ami = "ami-03978d951b279ec0b"
PS C:\Users\SRINATH\OneDrive\Desktop\AWS & DEVOPS\Devops\Terraform modules>
```



The screenshot shows the Visual Studio Code interface with the Terraform modules folder open in the Explorer. The `variables.tf` file is selected, showing the following configuration:

```
1 ami_id = "ami-03978d951b279ec0b"
2 instance_type = "t3.micro"
```

The terminal window shows the output of the `terraform apply` command:

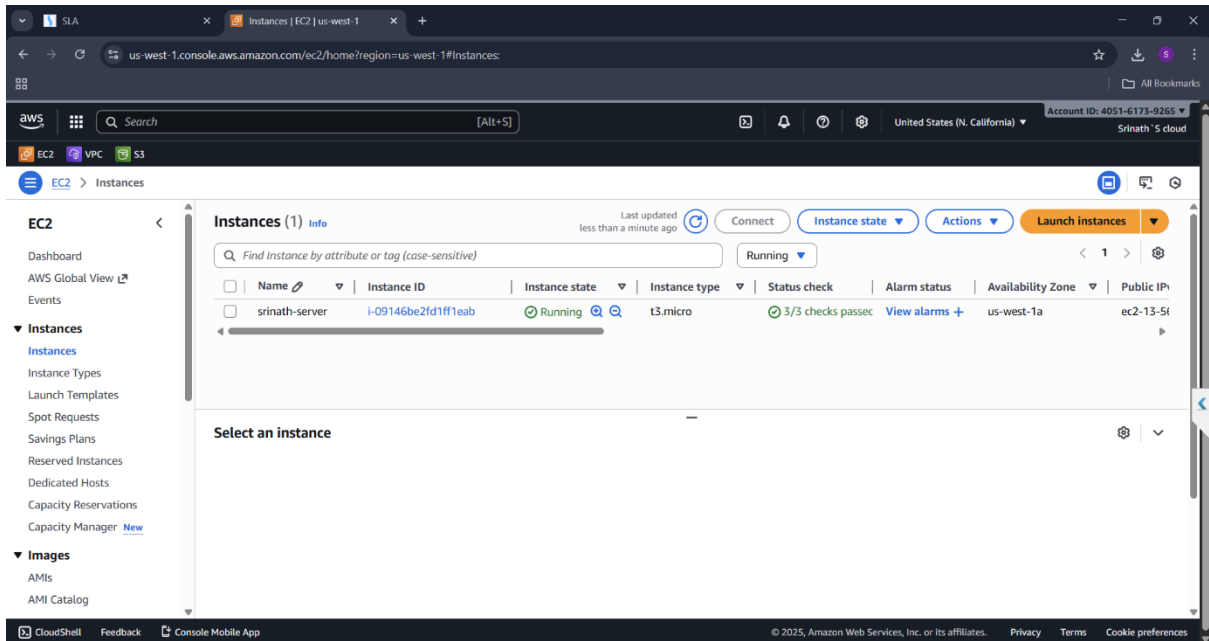
```
Terraform will perform the actions described above.
Only 'yes' will be accepted to approve.

Enter a value: yes

aws_instance.srinath-server: Creating...
aws_instance.srinath-server: Still creating... [00m10s elapsed]
aws_instance.srinath-server: Creation complete after 17s [id=i-09146be2fd1ff1eab]

Apply complete! Resources: 1 added, 0 changed, 0 destroyed.

Outputs:
EC2_type = "t3.micro"
EC_ami = "ami-03978d951b279ec0b"
PS C:\Users\SRINATH\OneDrive\Desktop\AWS & DEVOPS\Devops\Terraform modules>
```



Terraform output:

