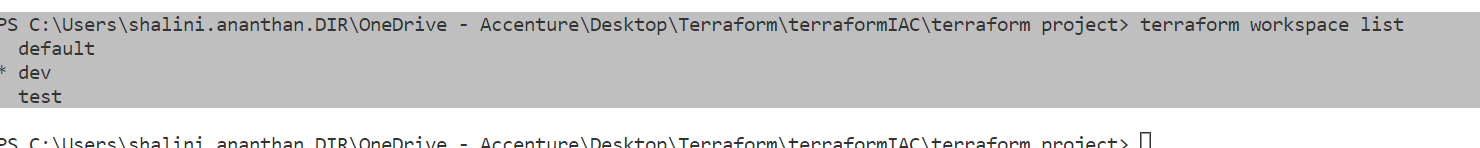
Testcase 1:GCP deployments in multiple environments and Projects using Terraform workspaces

* Created Terraform workspaces

1. dev
2. test

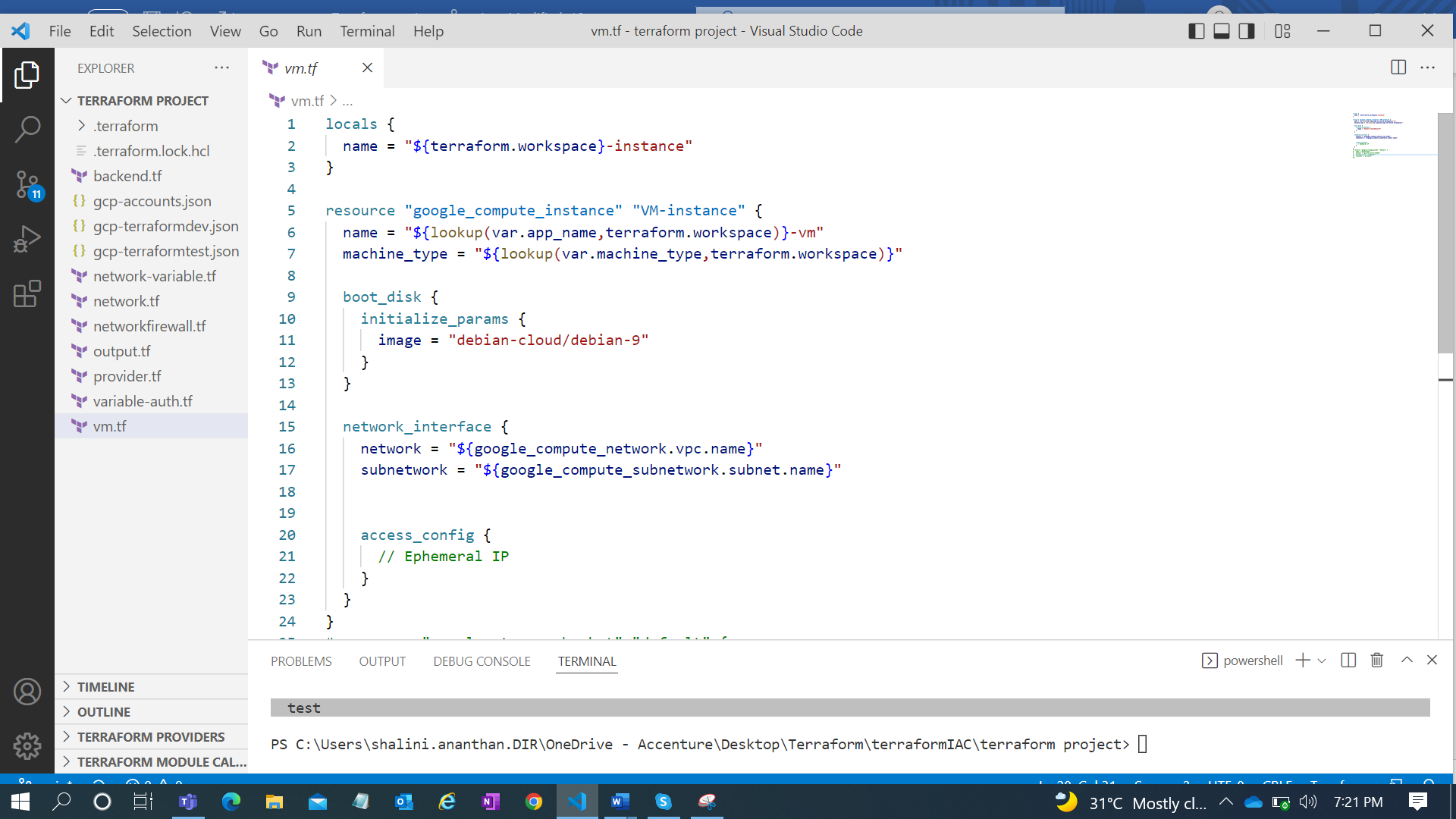


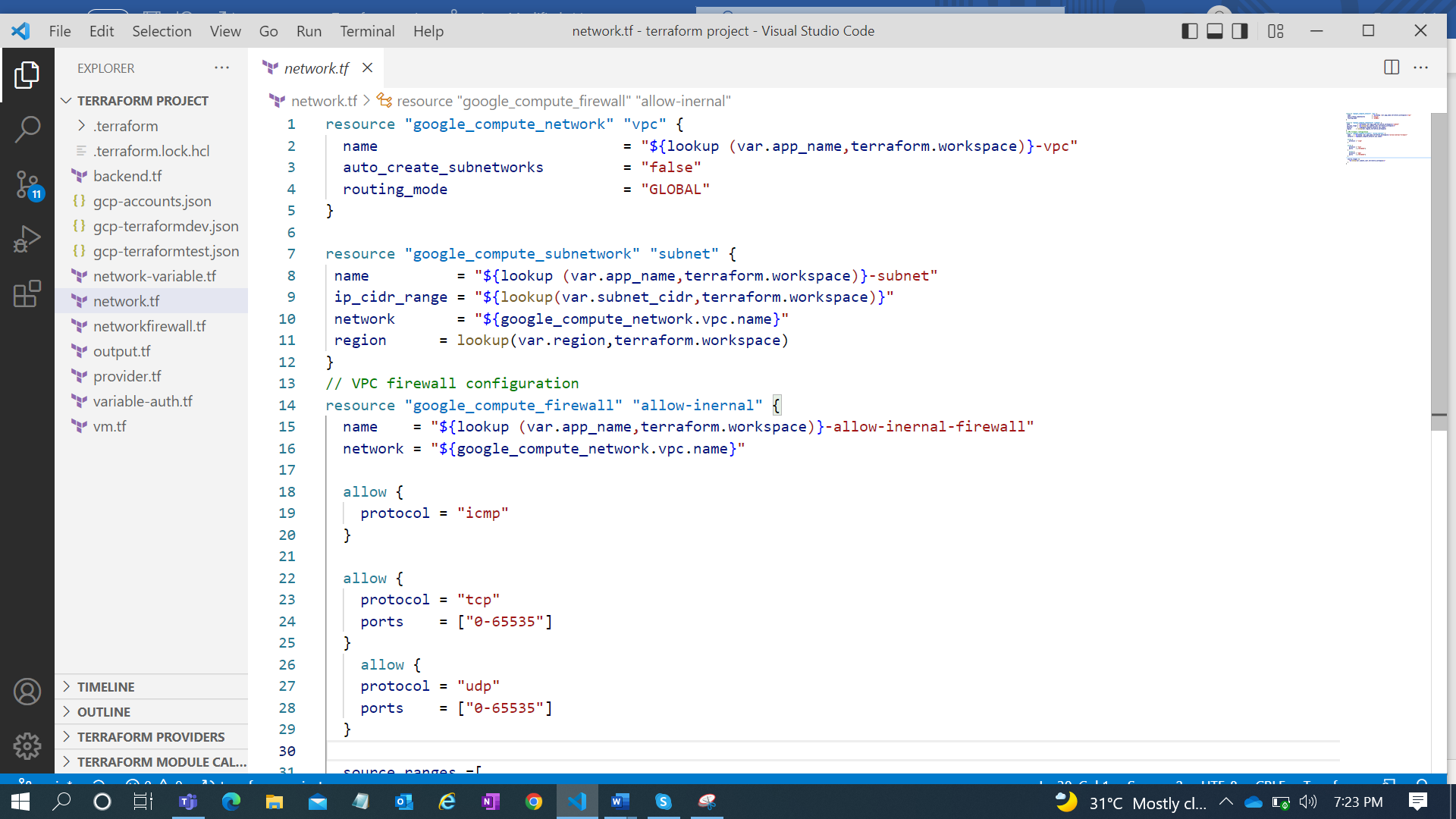
* Terraform projects in gcp console for each workspaces .

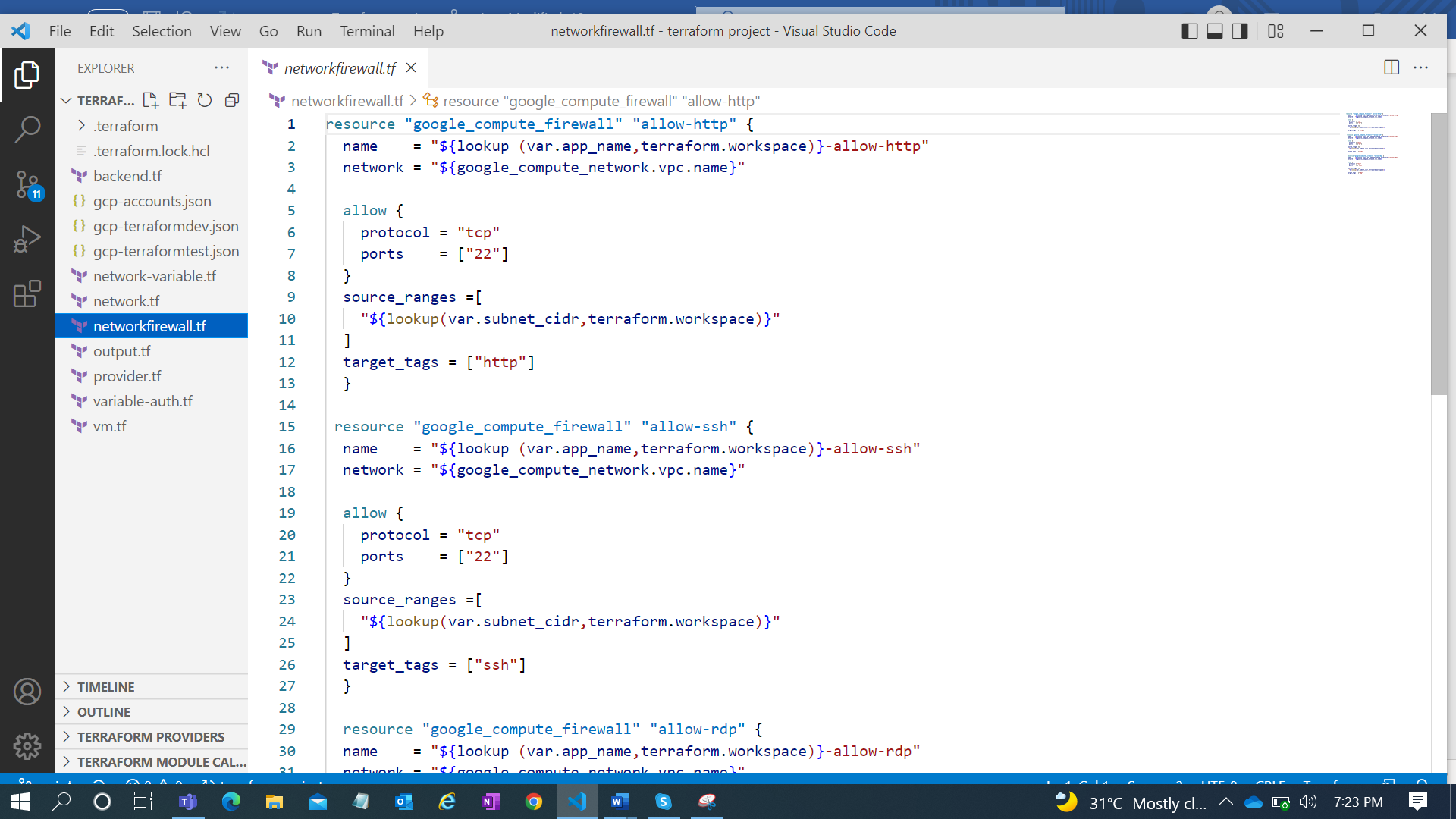
1. gcp-terraform-dev-348811
2. gcp-terraform-test-348811
3. gcp-terraform-348507(default)

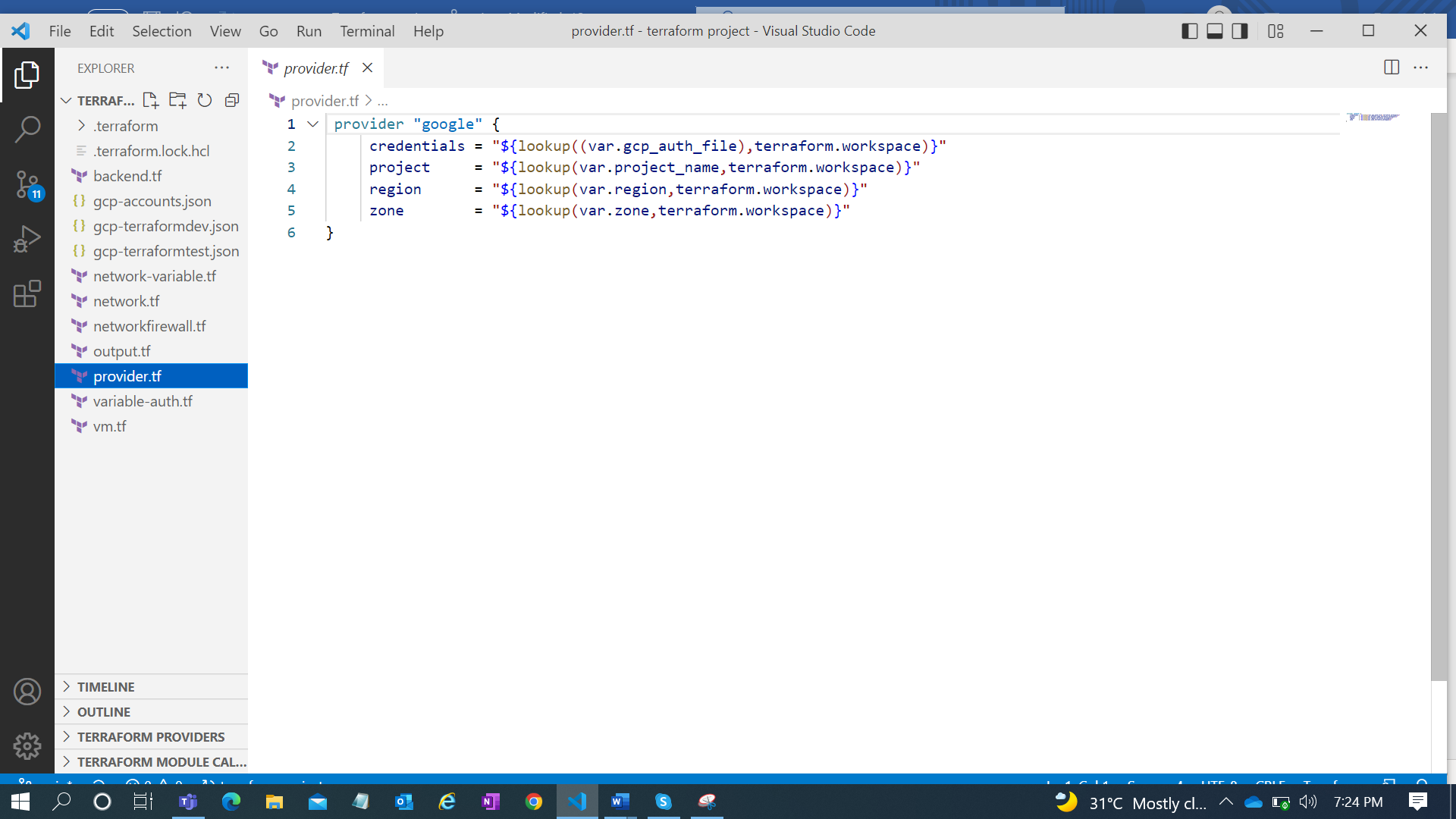
* Recourses for each project and stored the values in variables using functions(lookup)

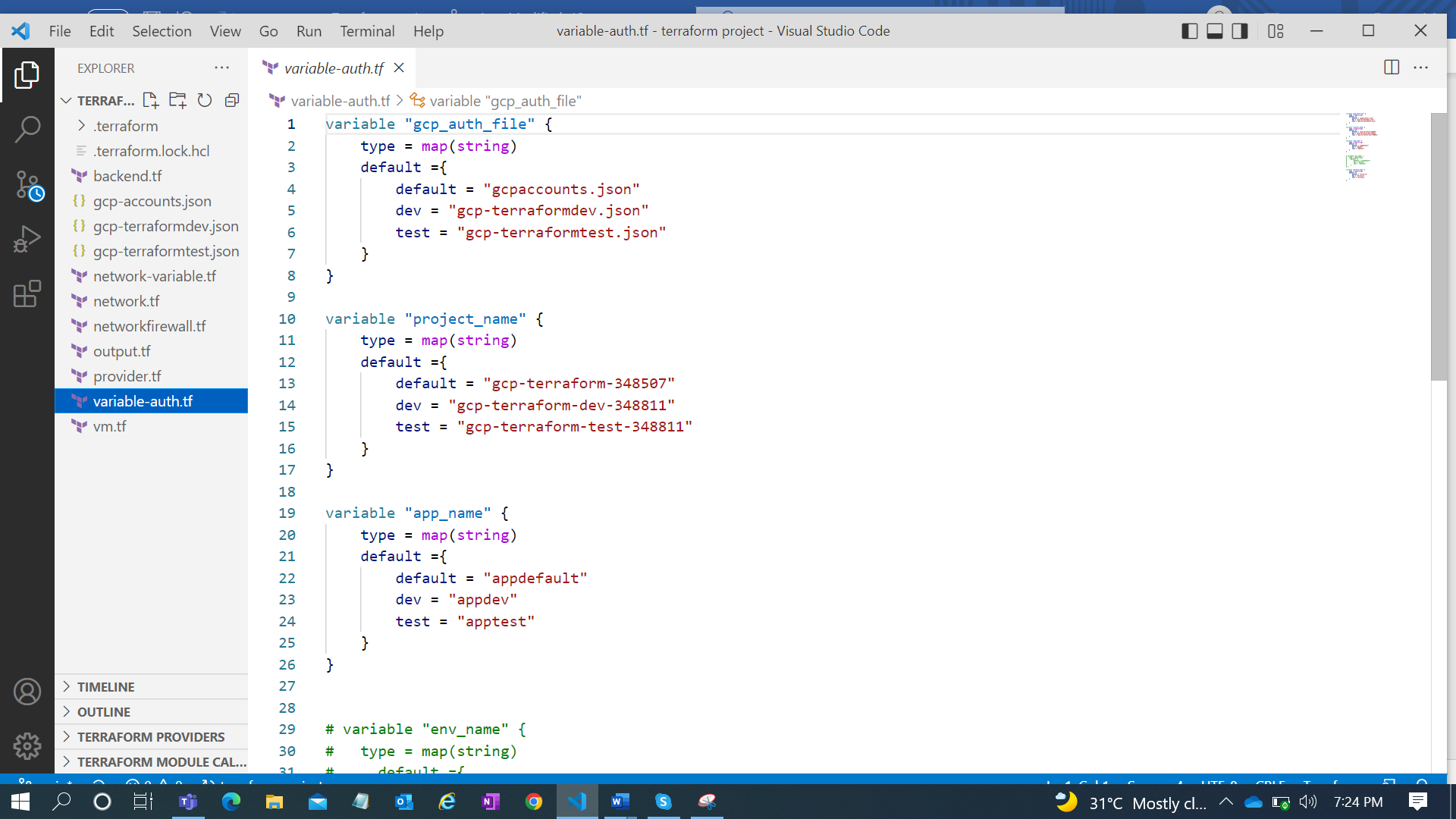
1. google\_compute\_instance
2. google\_storage\_bucket
3. google\_compute\_network
4. google\_compute\_subnetwork
5. google\_compute\_firewall



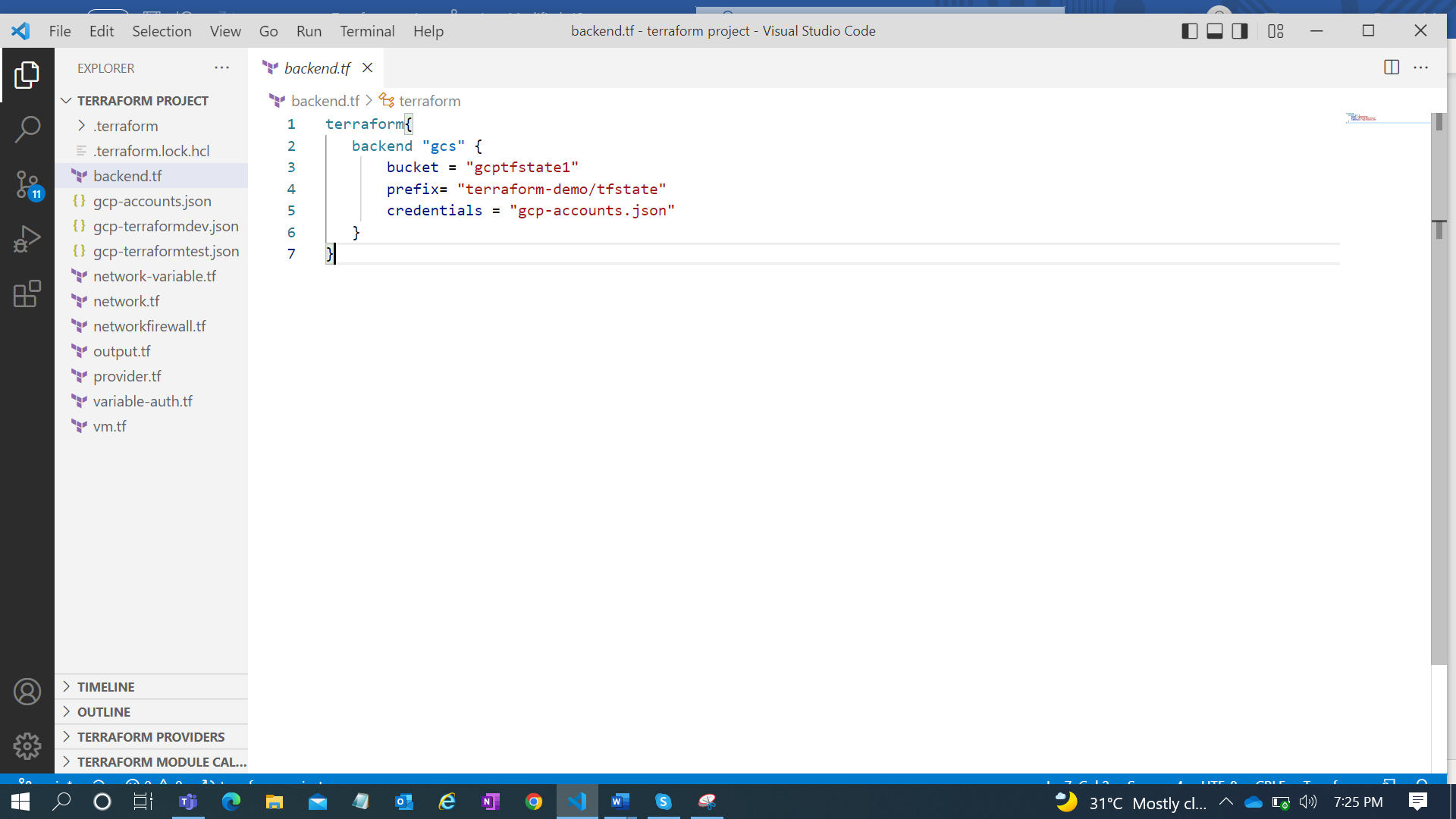








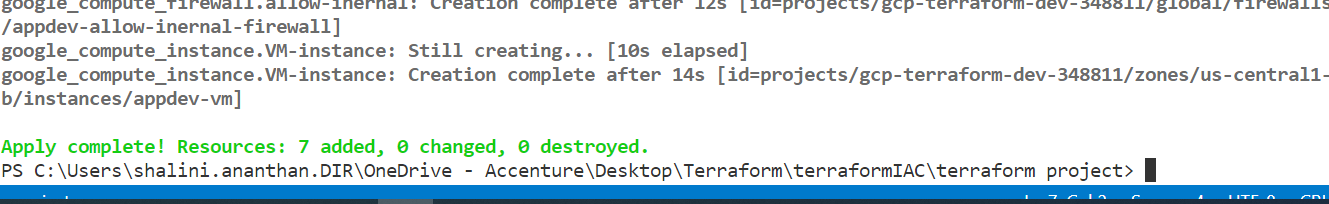
* Backend.tf is created and stored the files remotely in gcs bucket.

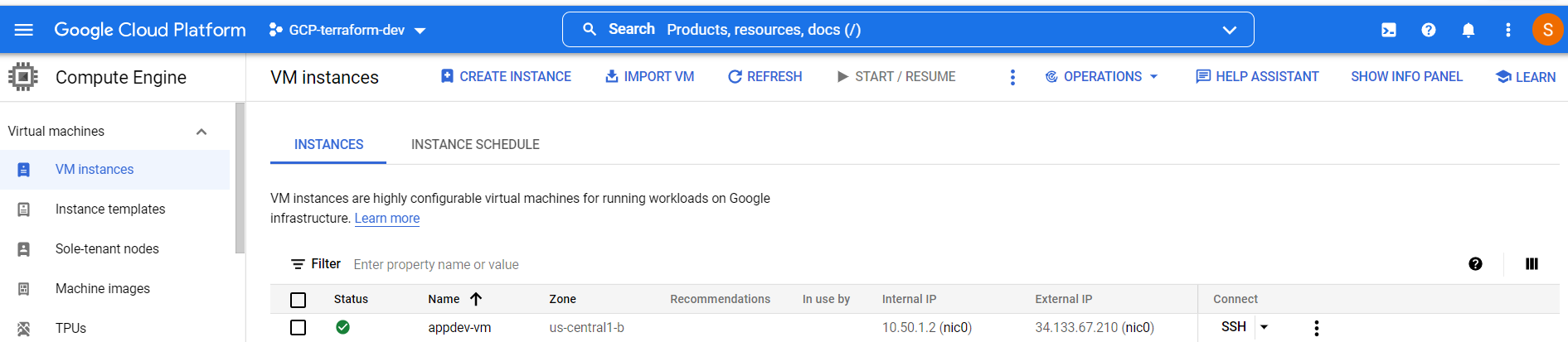


* Moved to another location and tested using terraform validate command
* Code has been added to git hub and tested in migrate state .

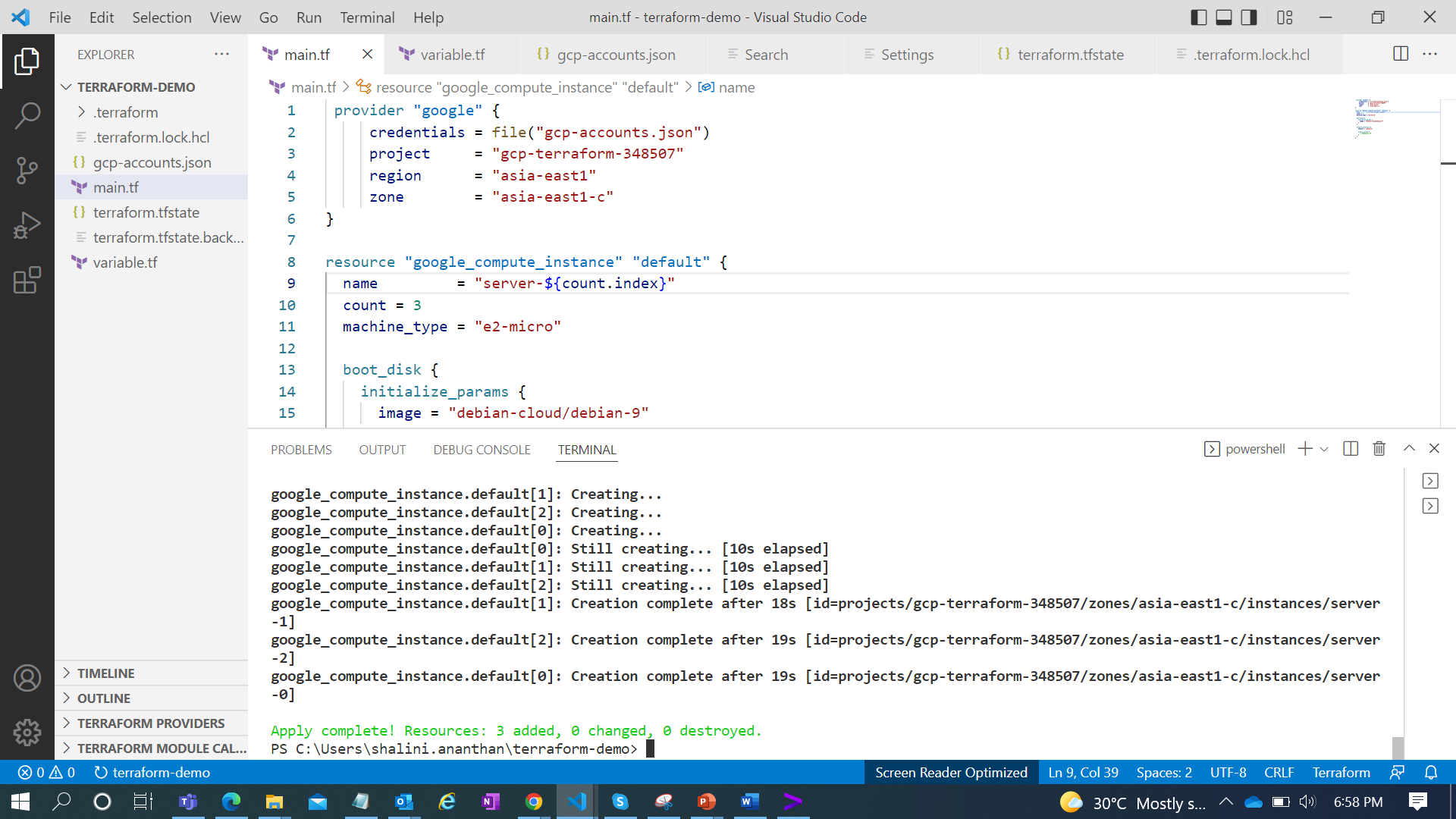
Result:

Terraform scripts can able to deploy the resources in different env as expected .

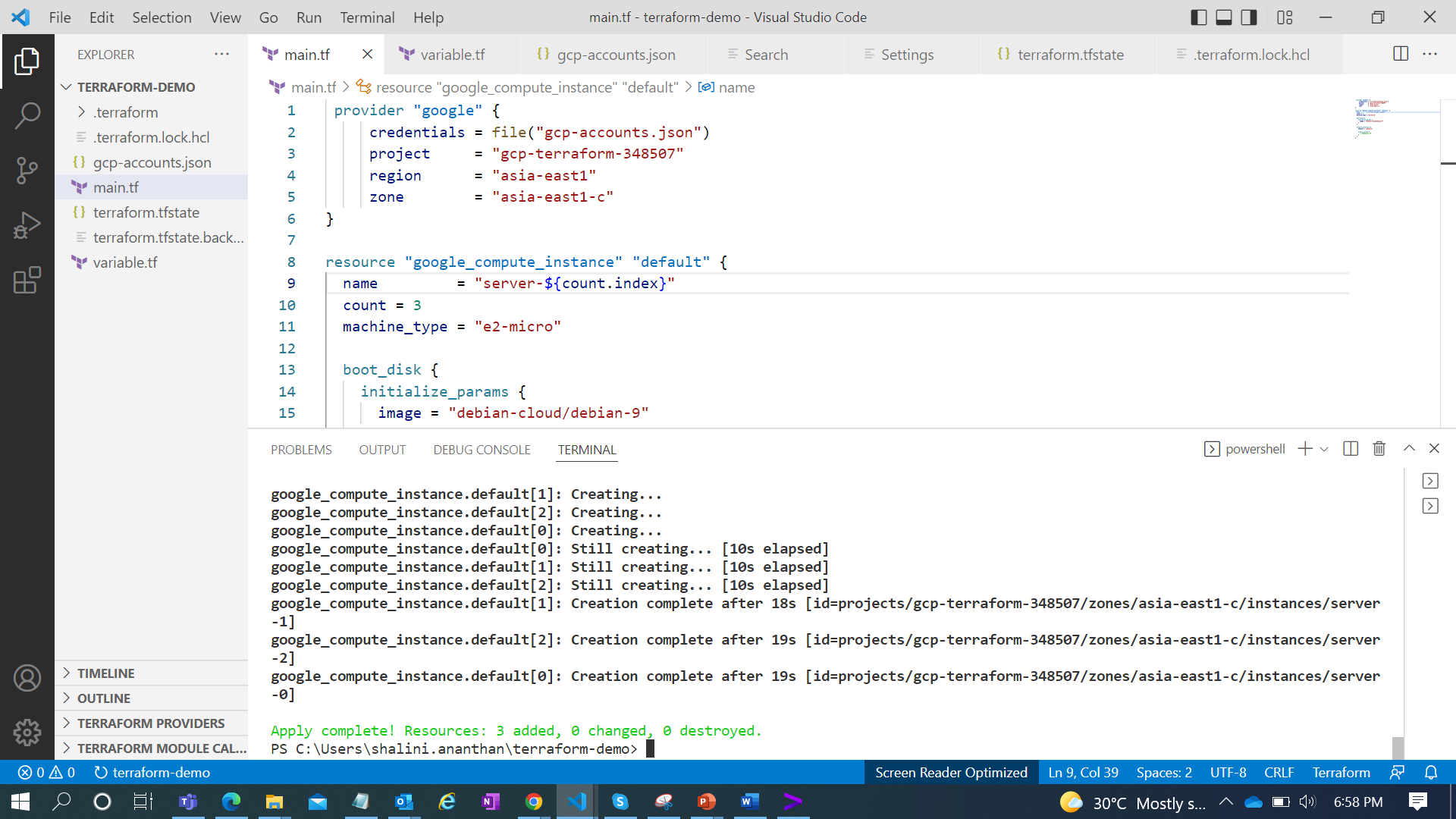




Testcase 2 :Creating multiple VM’S Using Count and For each functions



For Each :



Testcase 3: To run specific resources using Terraform Apply command

Command:

Terraform apply -target =resourcename.name

