Q6. Write a Terraform Script to create a sample infrastructure in the public cloud on   
AWS. Follow the diagram provided on BB. Upload the script to your Repo.

A screenshot of a computer

Description automatically generated with medium confidence

Screenshot of main.tf resource configuration file terraform inside that VPC,subnet and VM machine is created.

A screenshot of a computer

Description automatically generated

Text

Description automatically generated

Screenshot of default values in the variable.tf

Text

Description automatically generated

After terraform apply terraform state file is created.

Text

Description automatically generated

Terraform init command initiated to run the relevant plugins

Text

Description automatically generated

Terraform plan command to see the status.

Text

Description automatically generated

Terraform apply command to commit and create the instance of vm in aws service

Text

Description automatically generated

Graphical user interface, text, application

Description automatically generated

In aws EC2 instance is running successfully.

Graphical user interface, text, application

Description automatically generated

With the allocated region, vpc,subnet.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

Finally terraform destroy committed to terminated the resource.