Question 6 : Terraform

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1.: Creating the Q_6_TF project.

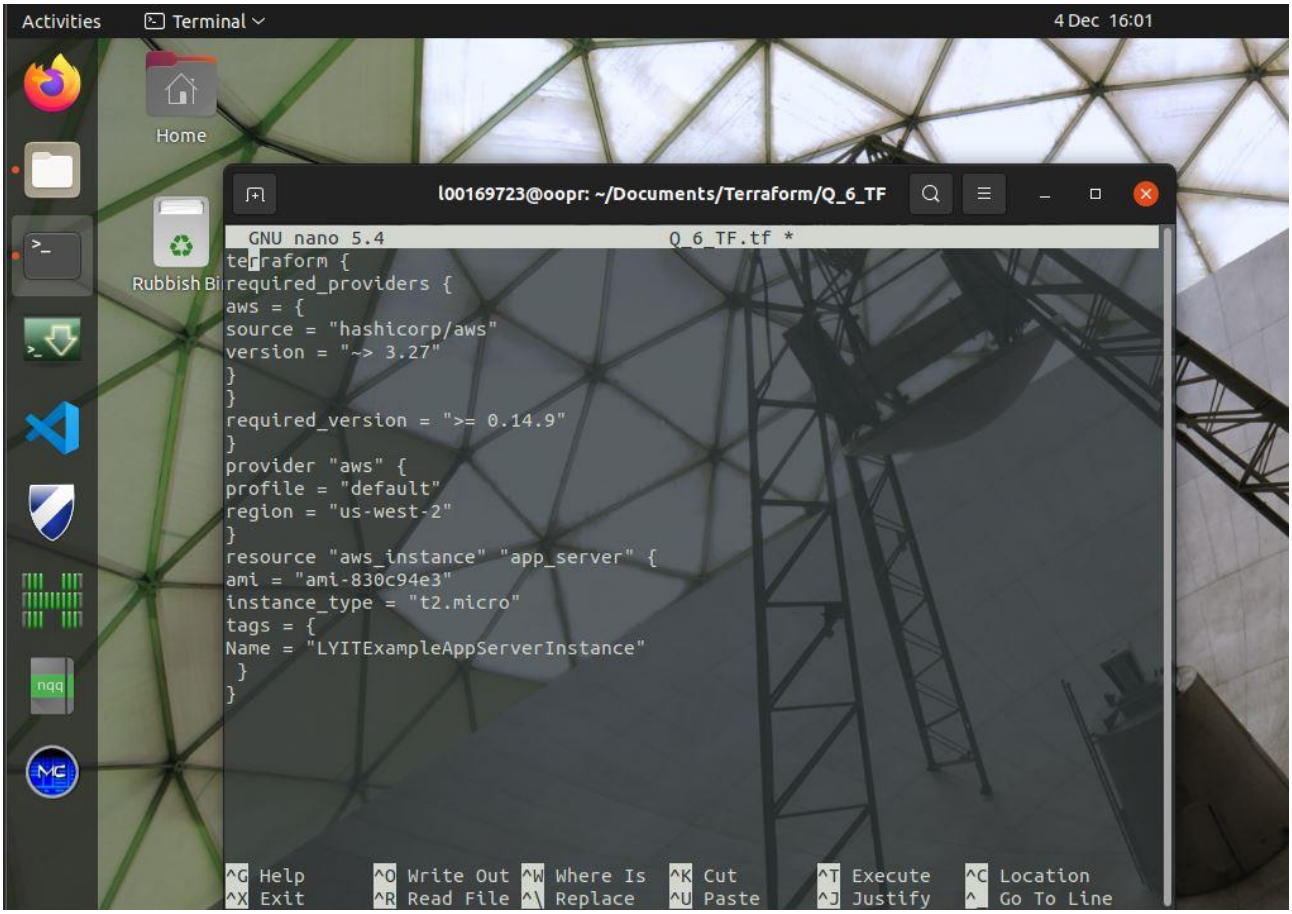

Fig 1.1: After creating Q_6_TF.tf file, populating the config with nano.

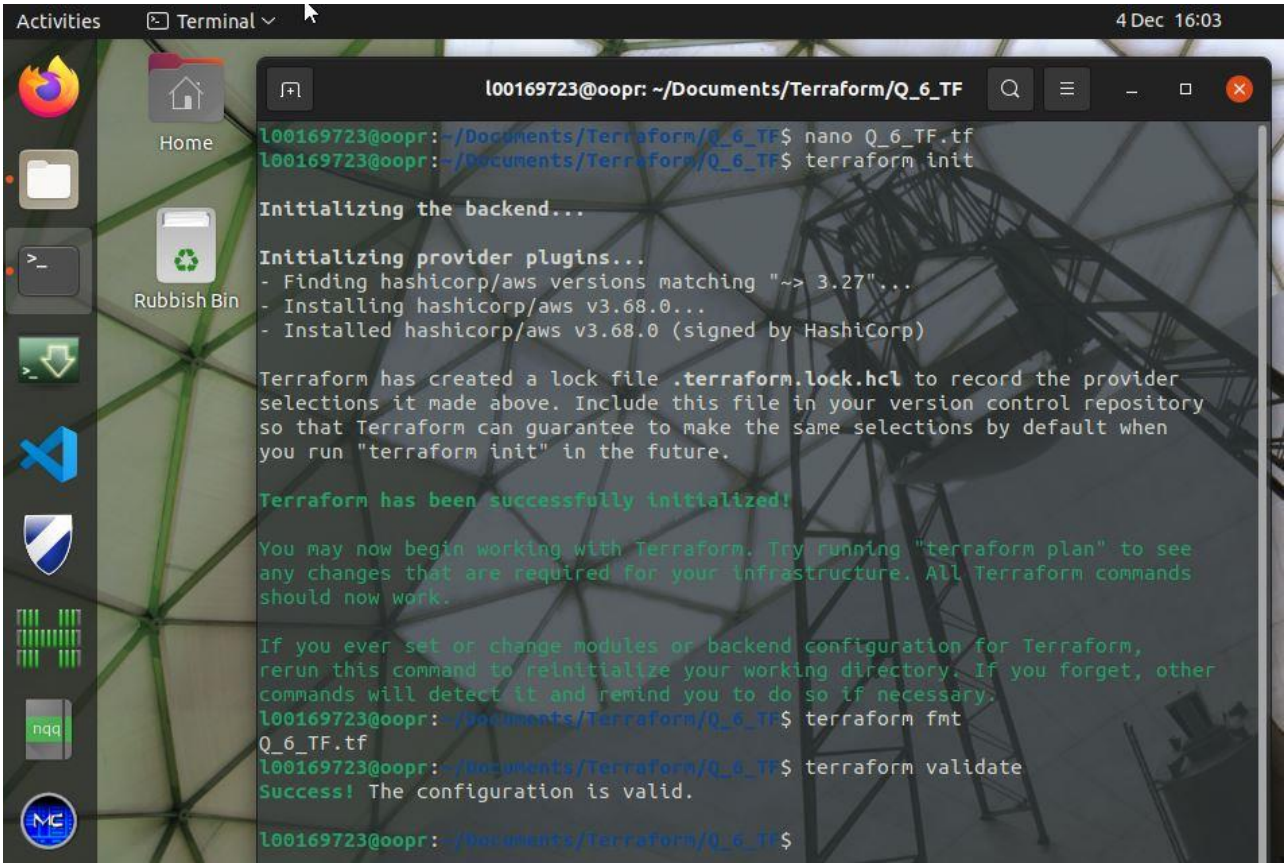

Fig 1.2: Initializing the populated TF project and validating the file.

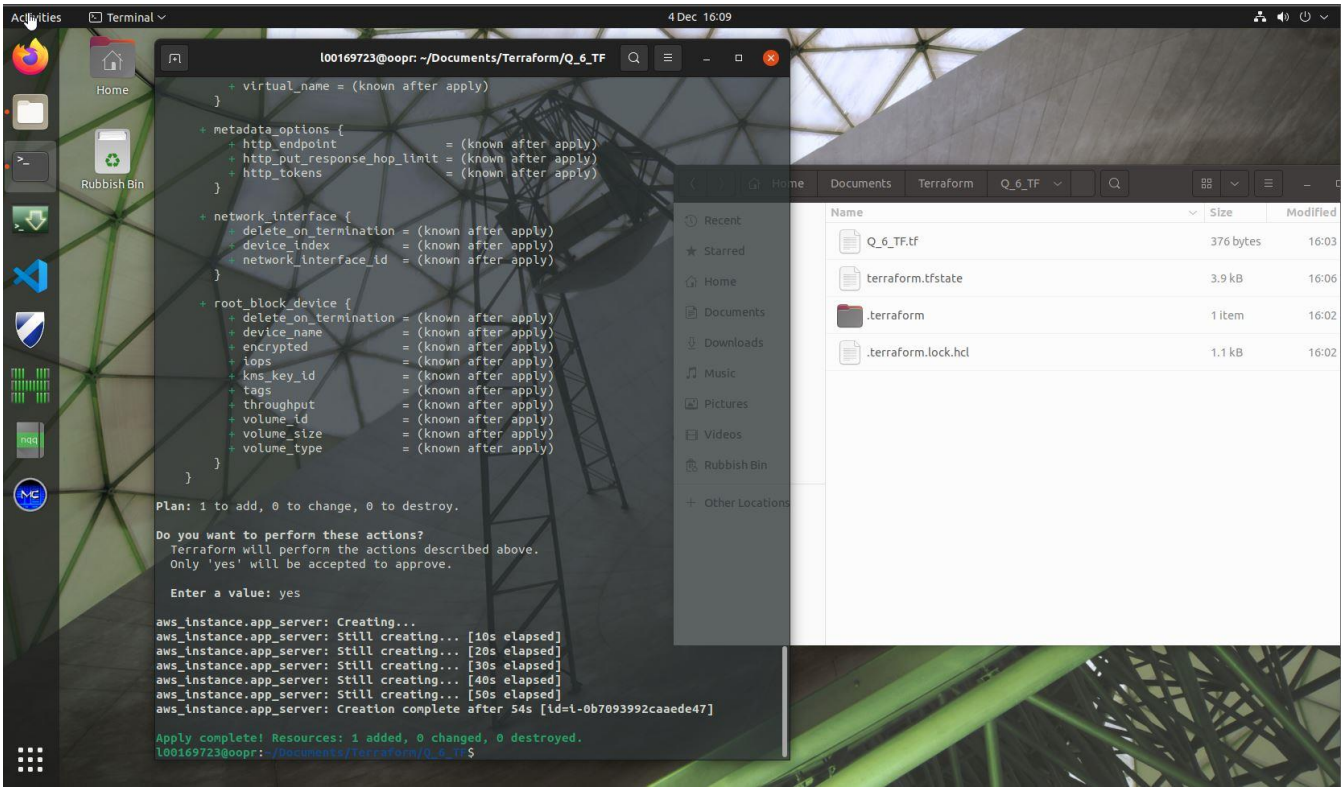

Fig 1.3: The instance is created in TF from the local VM.

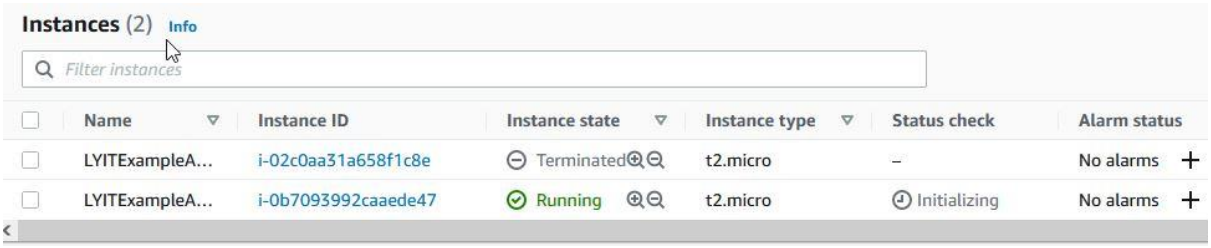

Fig 1.4: Instance i-0b7093992caaede47 is created on AWS and visible on the web portal.

2.: Creating variables.

Fig 2.1: Updated the AMI in the Q_6_TF.tf file. Changes were applied.

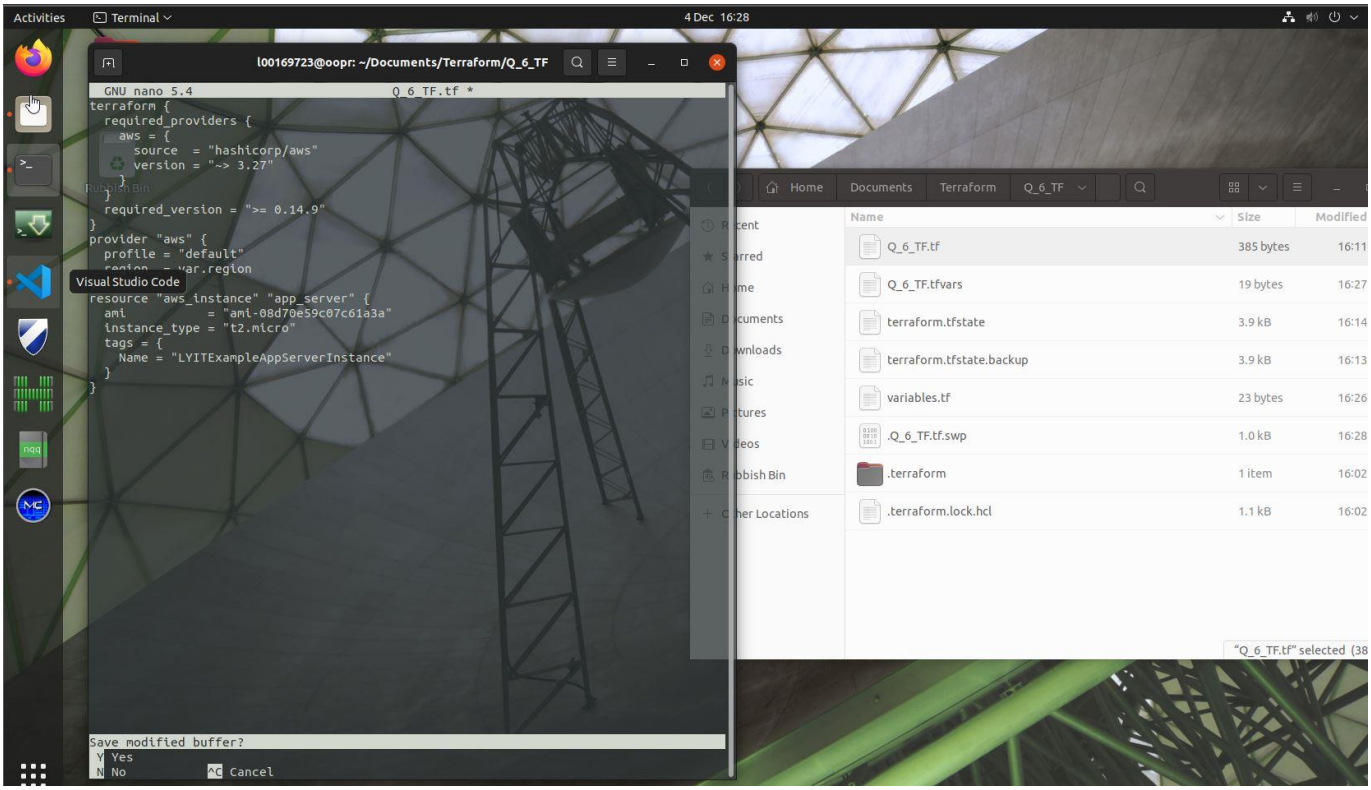

Fig 2.2: Modified region field to region = var.region.

Fig 2.3: Receiving error messages.

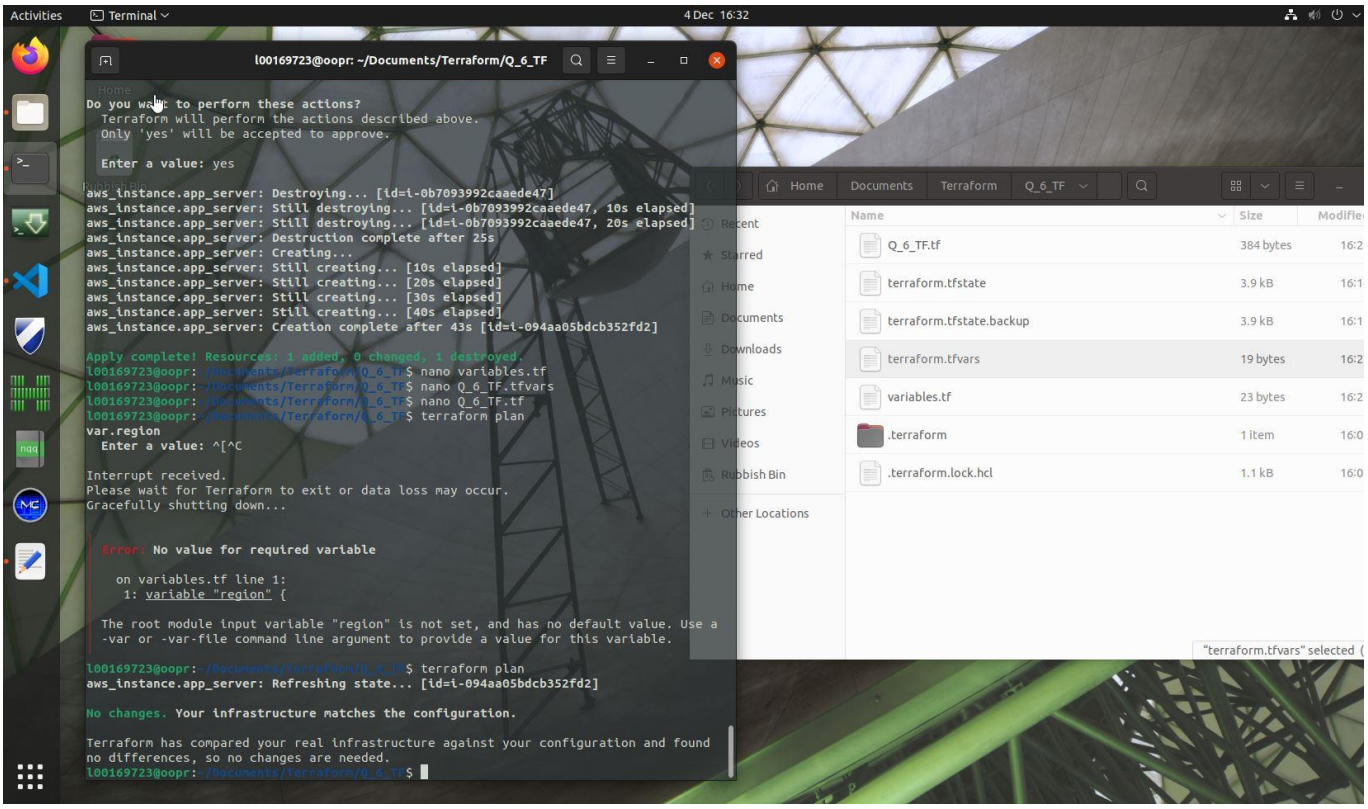

Fig 2.4: Refreshed Terraform config and the previous instance was terminated. Instance i-094aa05bdcb352fd2 was created. Created and modified variables.tf.

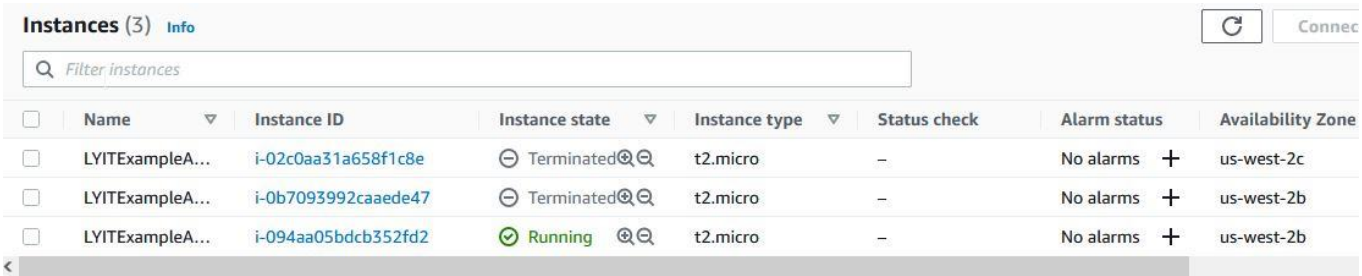

Fig 2.5: Changes reflected in AWS Instances.

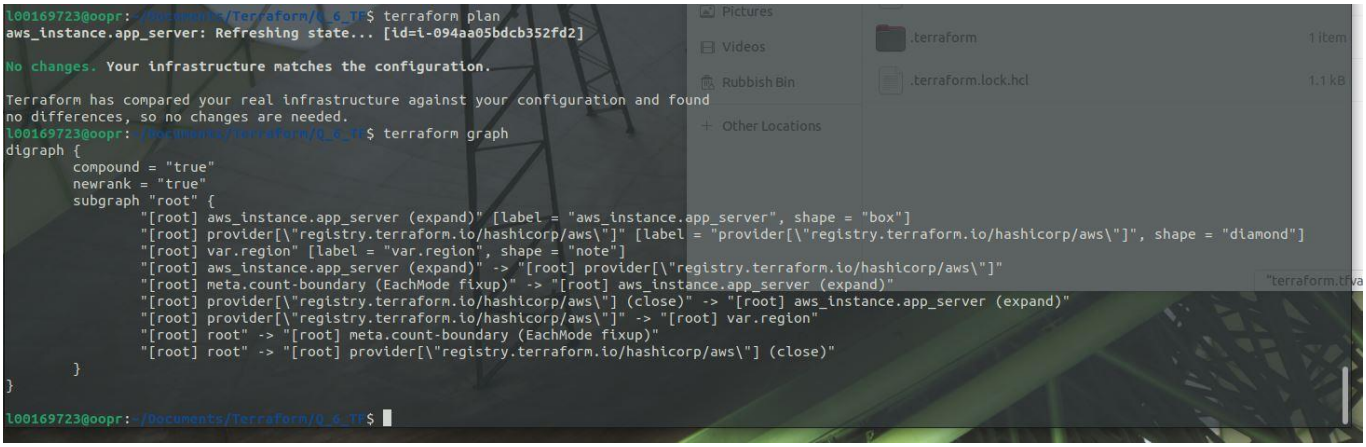

Fig 2.6: Output of "terraform graph" of the latest i-094aa05bdcb352fd2 instance.

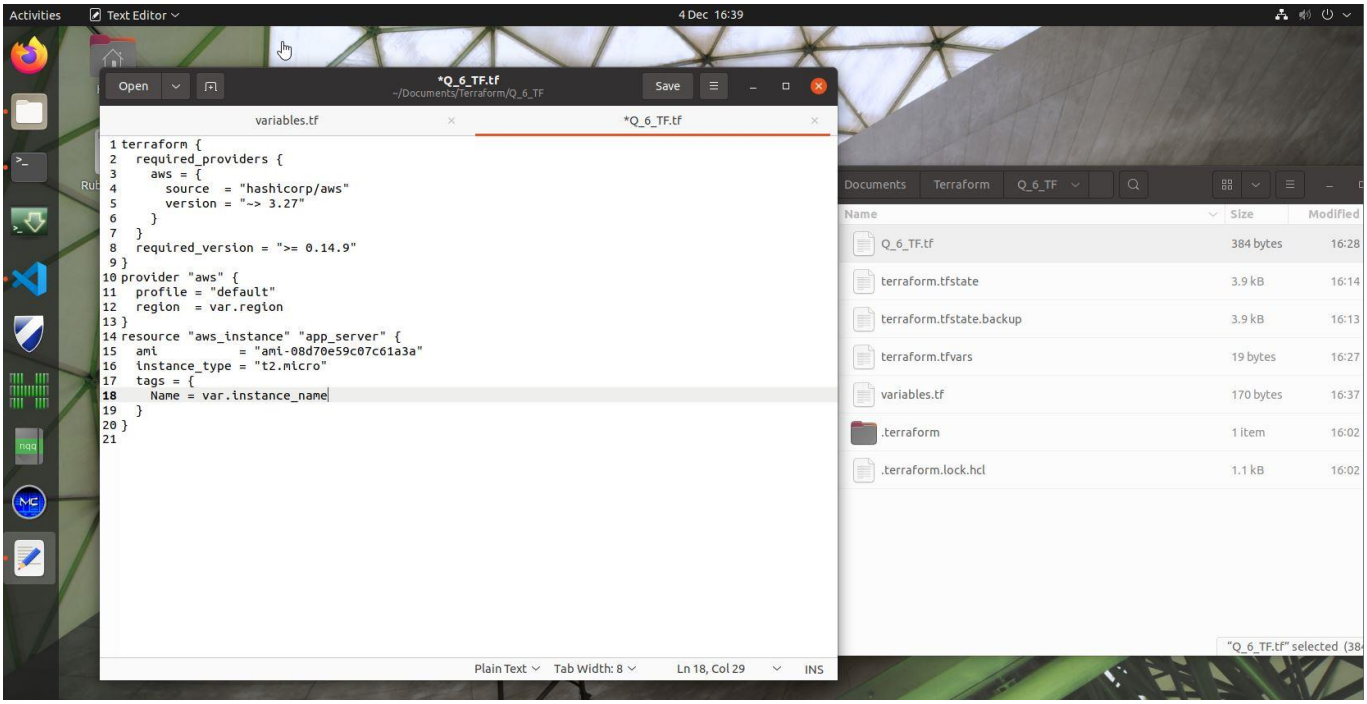

Fig 2.7: Updated Q_6_TF.tf file.

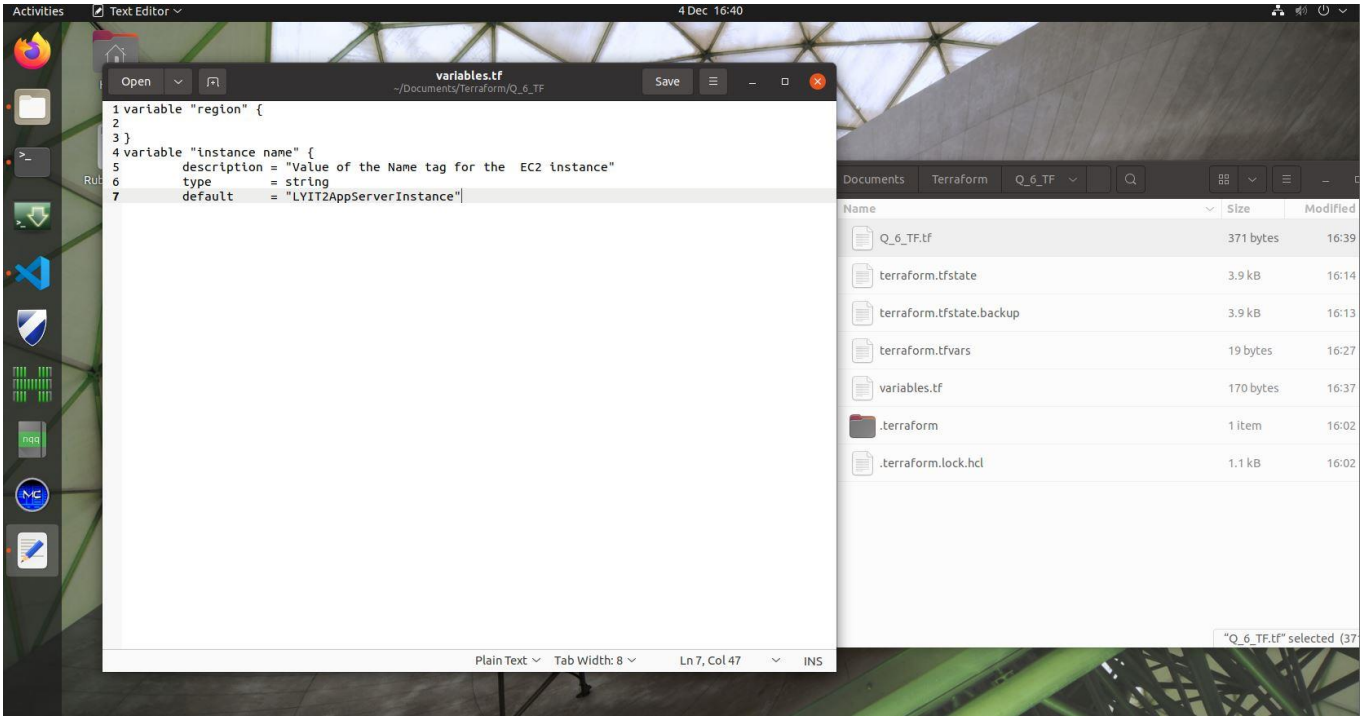

Fig 2.8: Updated variables.tf file.

3.: Outputs.tf and Displaying IP

Fig 3.1: Created outs.tf file.

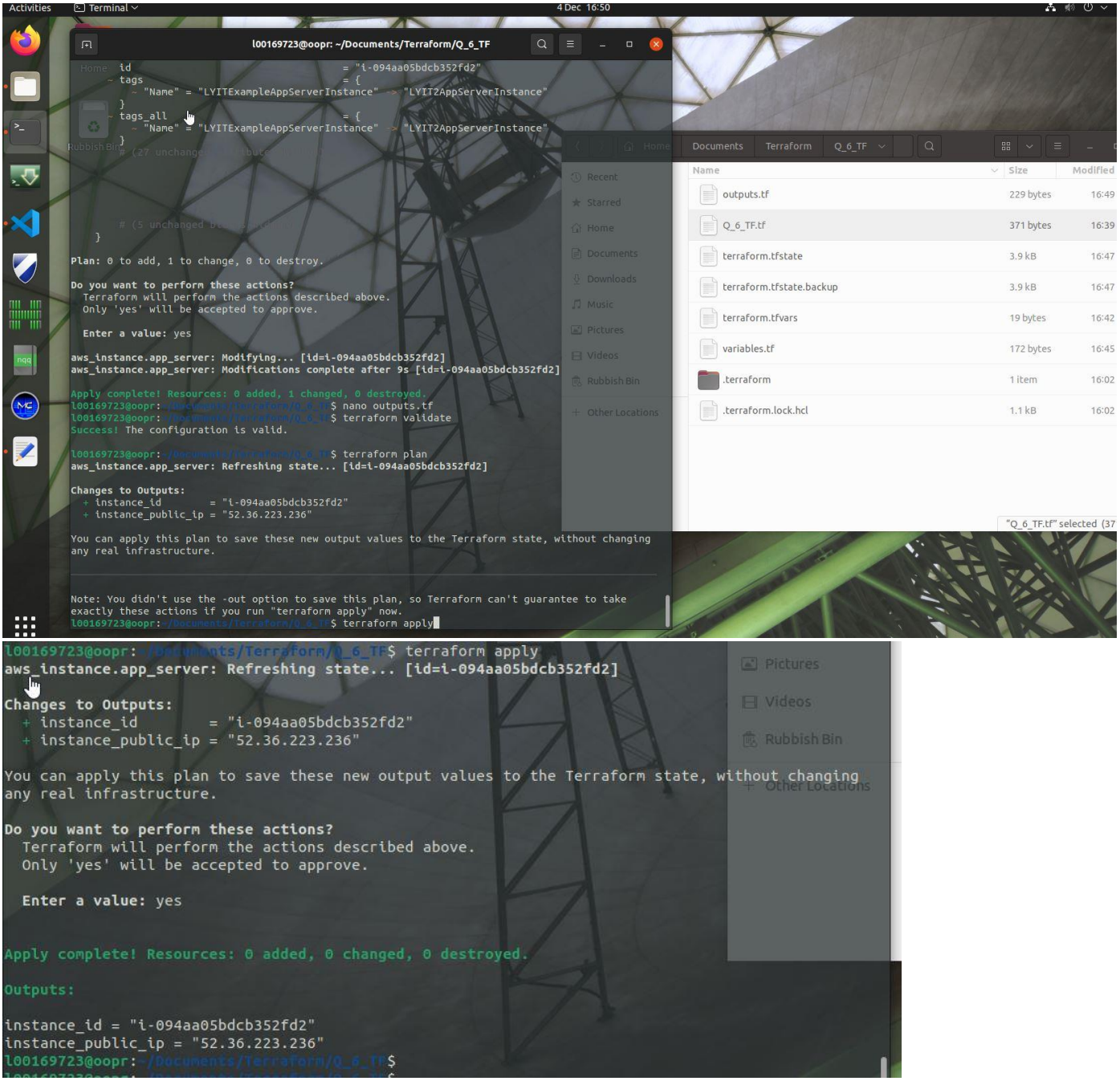

Fig 3.2: Refreshed config, output is displayed at the last step after applied the new config.

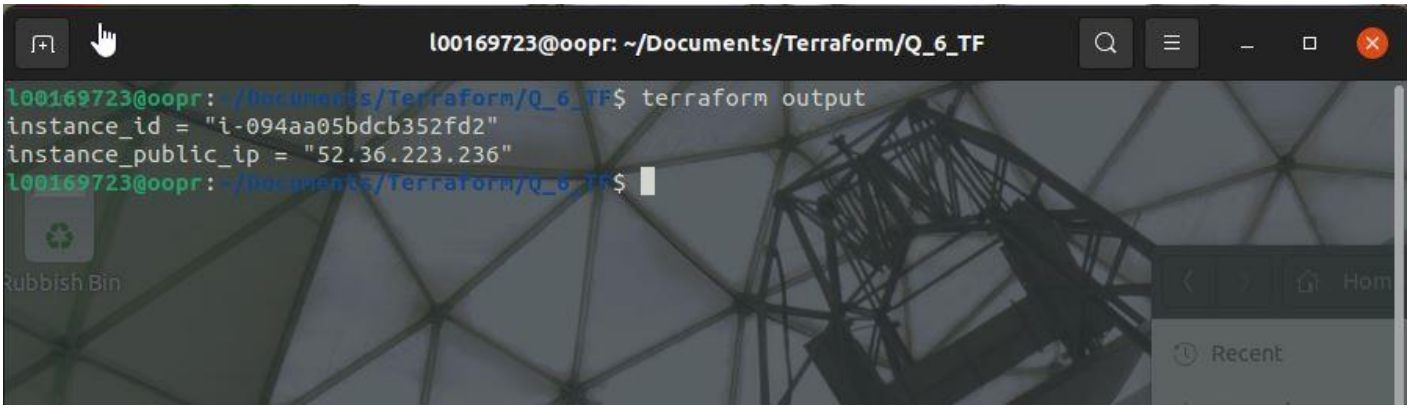

Fig 3.3: Running terraform output command on local VM.

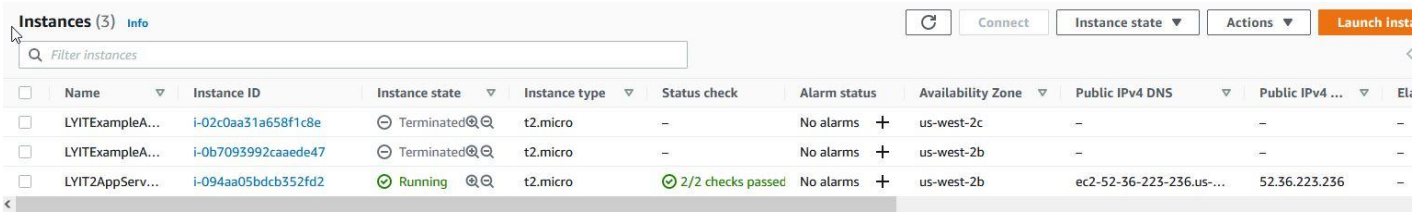

Fig 3.4: AWS displays the latest instance with the IP address for cross-reference.