1. Install Terraform in local machine, configure AWS provider. Initialize Terraform configuration.

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```

• VPC code using terraform.

• Created an internet gateway using terraform.

Created a two public subnet in different zones and CIDR stores in variable

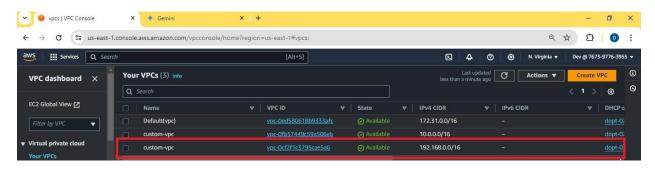
Name = Devendra Sanjay Sutar Batch = 15 jan

Terraform = task 2

Created route table and associated with subnets.



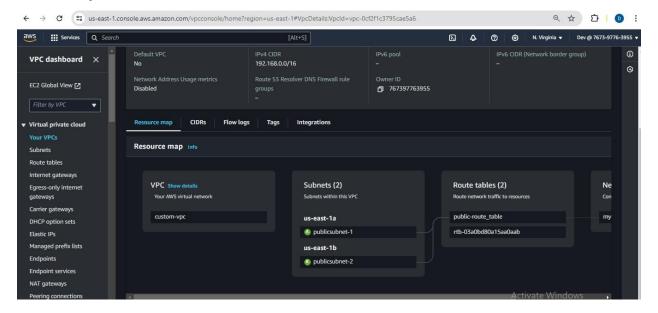
Successfully vpc-id and sg-id showing.



• VPC created successfully .

Name = Devendra Sanjay Sutar Batch = 15 jan

Terraform = task 2



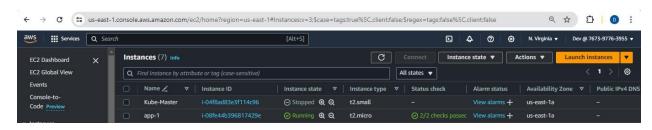
• Two public subnet created successfully in two different zones and attached with public route table.

2 Launch an EC2 instances with names "app-1" and install apache, create two pages at its default location using provisioner block. Display webpages on browser.

```
| File | Edit | Selection | View | Go | Run | ... | C | Peraform(vicodes files) | Peraform(vicod
```

• created a code for instance with name "app-1".

in provisioner block created code to install apache and created s two pages.



• Successfully launched ec2 "app-1".

Name = Devendra Sanjay Sutar Batch = 15 jan

Terraform = task 2



Activate Windows
Go to Settings to activate Windows.

• page second also visible Successfully .

1. Create an Auto Scaling Group with a Launch Configuration to manage the EC2 instances, using Teeraform.

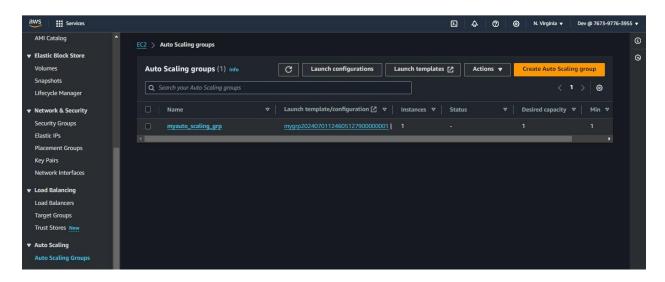
```
GNU nano 7.2
provider "aus" {
    access key = var.access.key
    secret key
    region = var.region_name
    }
    resource "aus_launch_template" "mygrp" {
        name_prefix = "mygrp"
        instance_type = "t2.micro"
}

resource "aus_autoscaling_group" "bar" {
        name = "eyauto_scaling_group" "bar" {
        name = "eyauto_scaling_group"
        avs.sired_capacity = 1
        min.sire = 1
        min.sire = 1
        launch_template (
        id = mxs_launch_template.mygrp.id
        version = "$latest"
}
```

• Code for autoscaling group and launch template.

• Succesfully initialized.

Successfully applied.



Successfully created.