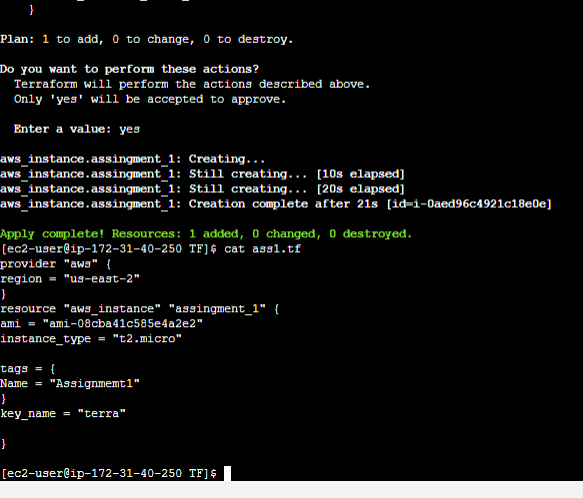
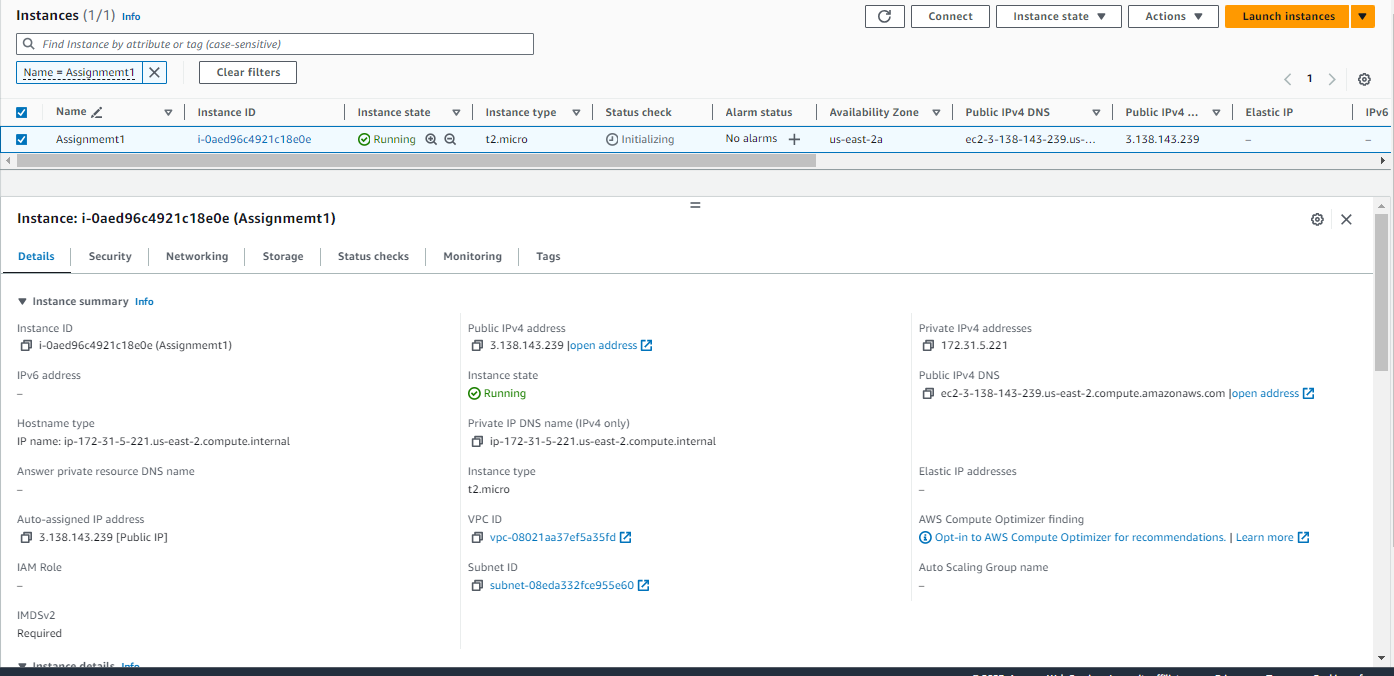
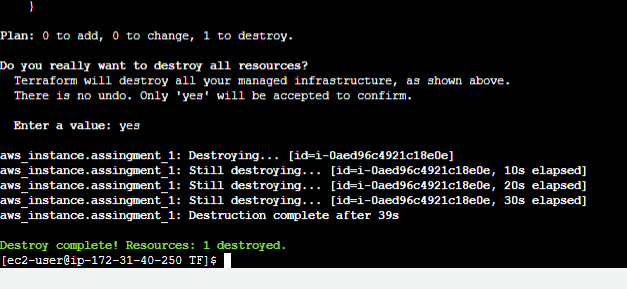
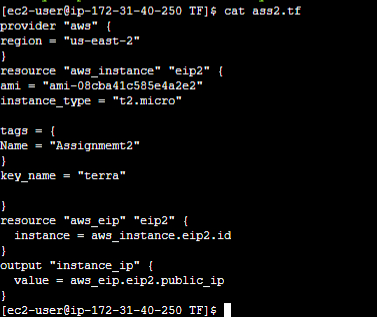
**Terraform Assignment - 1**

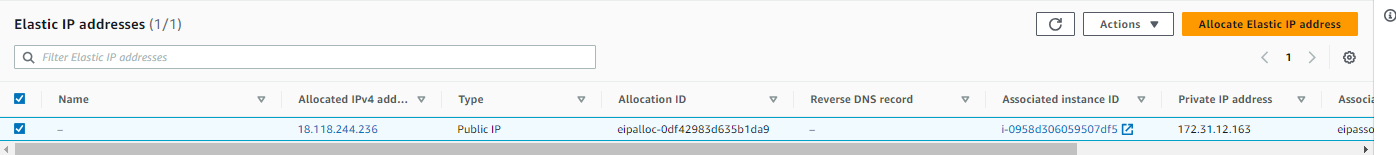


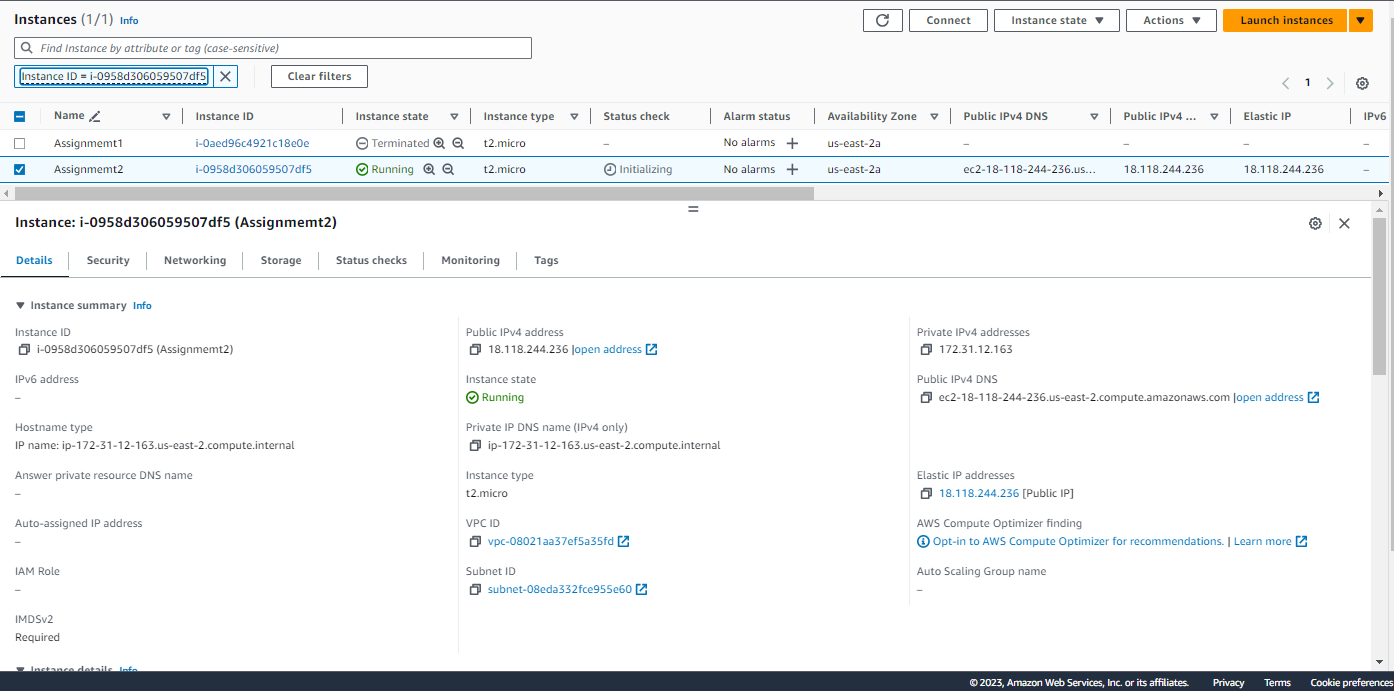


**Terraform Assignment - 2**

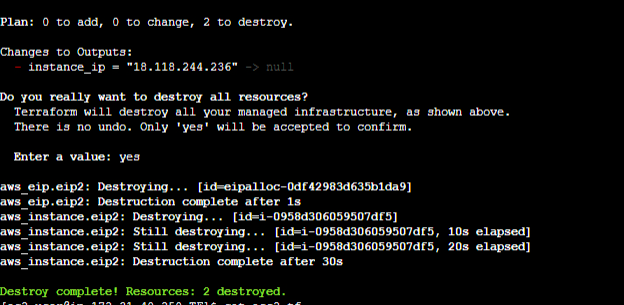
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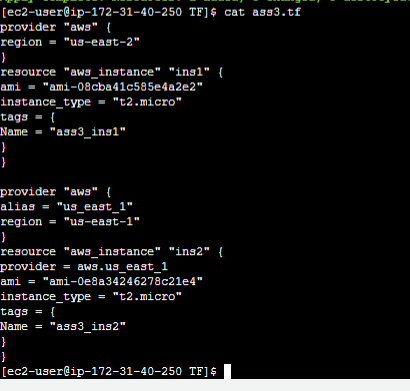
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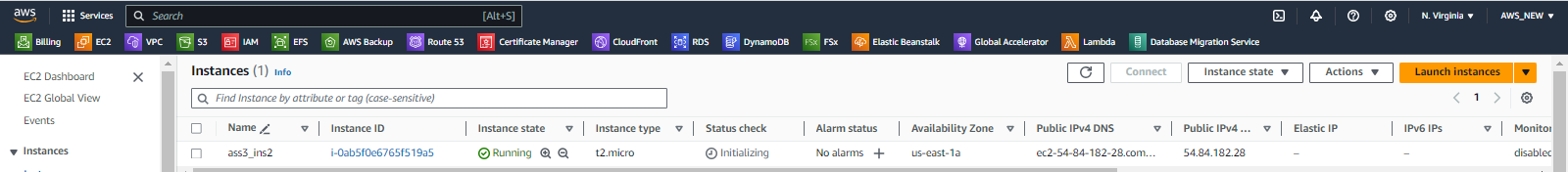
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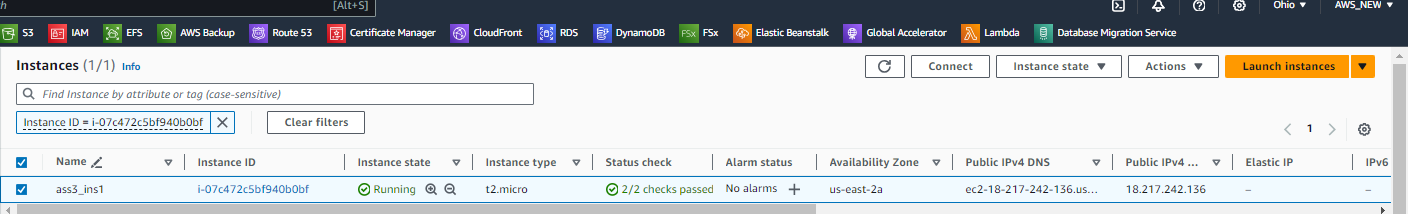
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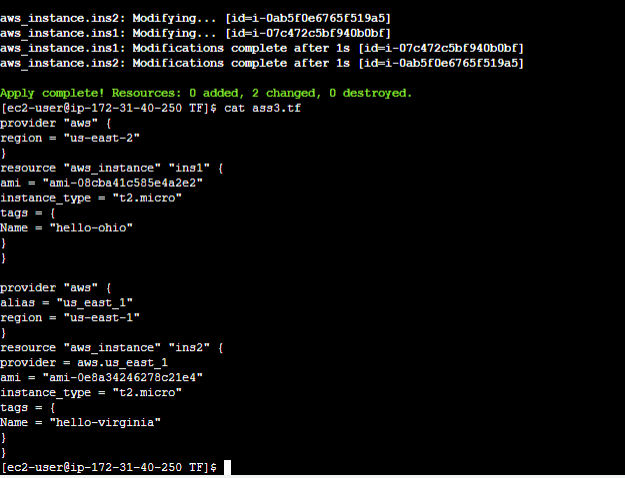
**Terraform Assignment - 3**

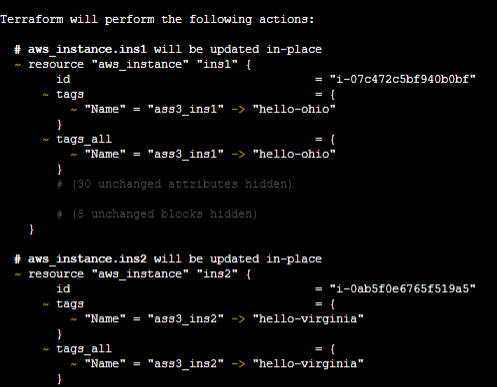
****

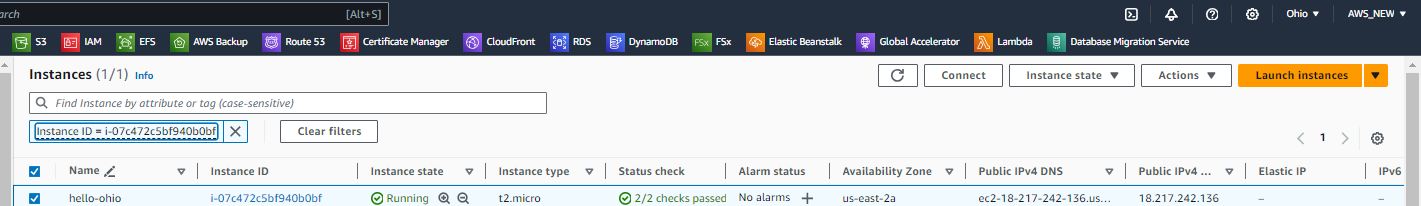
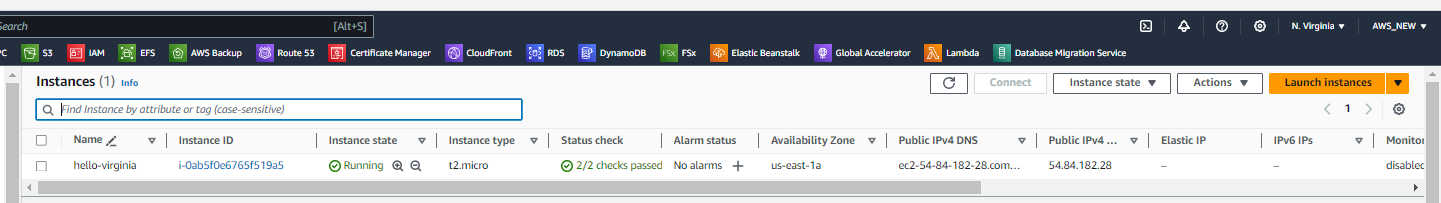
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****

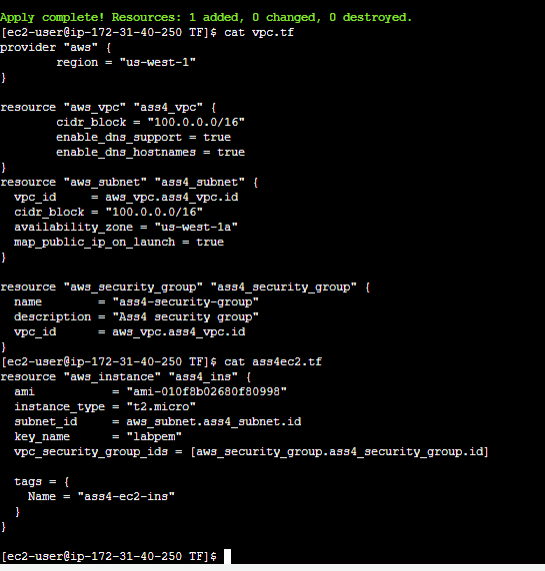
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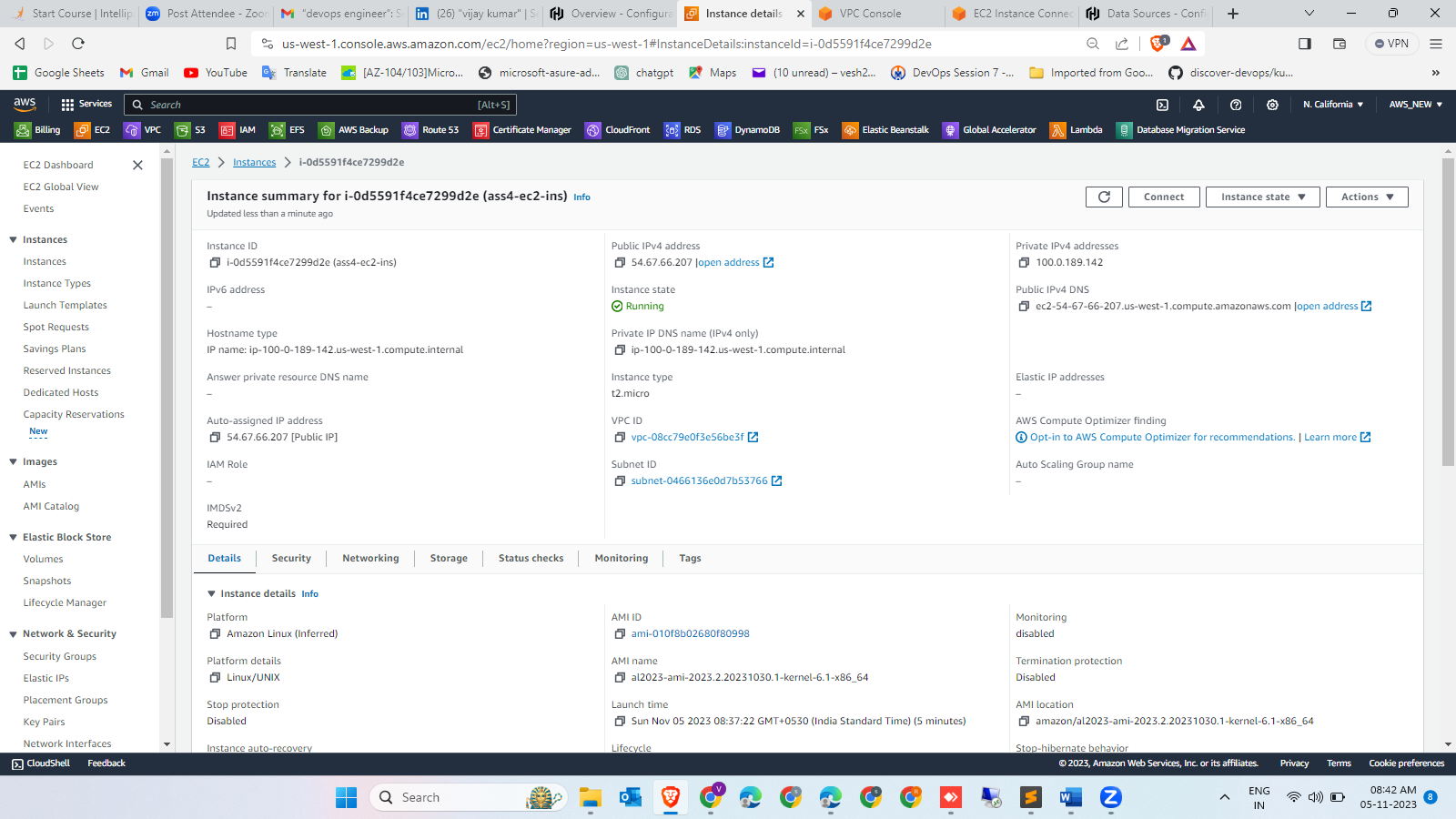
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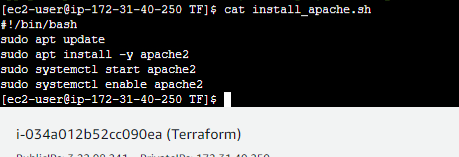
**** ****

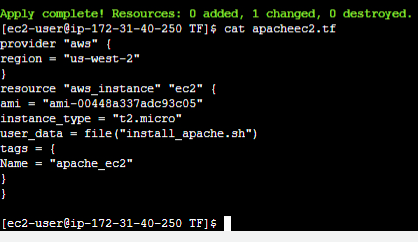
**Terraform Assignment – 4**

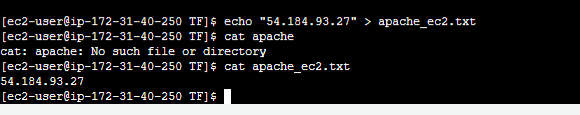
****



**Terraform Assignment – 5**

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**CASE STUDY -CREATING AN ARCHITECTURE USING TERRAFORM ON AWS**

**[ec2-user@ip-172-31-40-250 TF]$ cat ass5.tf**

**provider "aws" {**

**region = "us-west-2"**

**}**

**resource "aws\_vpc" "my\_vpc" {**

**cidr\_block = "50.0.0.0/16"**

**}**

**resource "aws\_subnet" "subnet1" {**

**vpc\_id = aws\_vpc.my\_vpc.id**

**cidr\_block = "50.0.1.0/24"**

**availability\_zone = "us-west-2a"**

**}**

**resource "aws\_subnet" "subnet2" {**

**vpc\_id = aws\_vpc.my\_vpc.id**

**cidr\_block = "50.0.2.0/24"**

**availability\_zone = "us-west-2b"**

**}**

**resource "aws\_security\_group" "my\_sg" {**

**name = "my-sg"**

**description = "Allow incoming HTTP traffic"**

**vpc\_id = aws\_vpc.my\_vpc.id**

**ingress {**

**from\_port = 80**

**to\_port = 80**

**protocol = "tcp"**

**cidr\_blocks = ["0.0.0.0/0"]**

**}**

**}**

**resource "aws\_internet\_gateway" "my\_igw" {**

**vpc\_id = aws\_vpc.my\_vpc.id**

**}**

**resource "aws\_internet\_gateway\_attachment" "my\_igw\_attachment" {**

**vpc\_id = aws\_vpc.my\_vpc.id**

**internet\_gateway\_id = aws\_internet\_gateway.my\_igw.id**

**}**

**resource "aws\_instance" "my\_instance1" {**

**ami = "ami-0efcece6bed30fd98"**

**instance\_type = "t2.micro"**

**subnet\_id = aws\_subnet.subnet1.id**

**security\_groups = [aws\_security\_group.my\_sg.id]**

**}**

**resource "aws\_instance" "my\_instance2" {**

**ami = "ami-0efcece6bed30fd98"**

**instance\_type = "t2.micro"**

**subnet\_id = aws\_subnet.subnet2.id**

**security\_groups = [aws\_security\_group.my\_sg.id]**

**}**

**[ec2-user@ip-172-31-40-250 TF]$**

