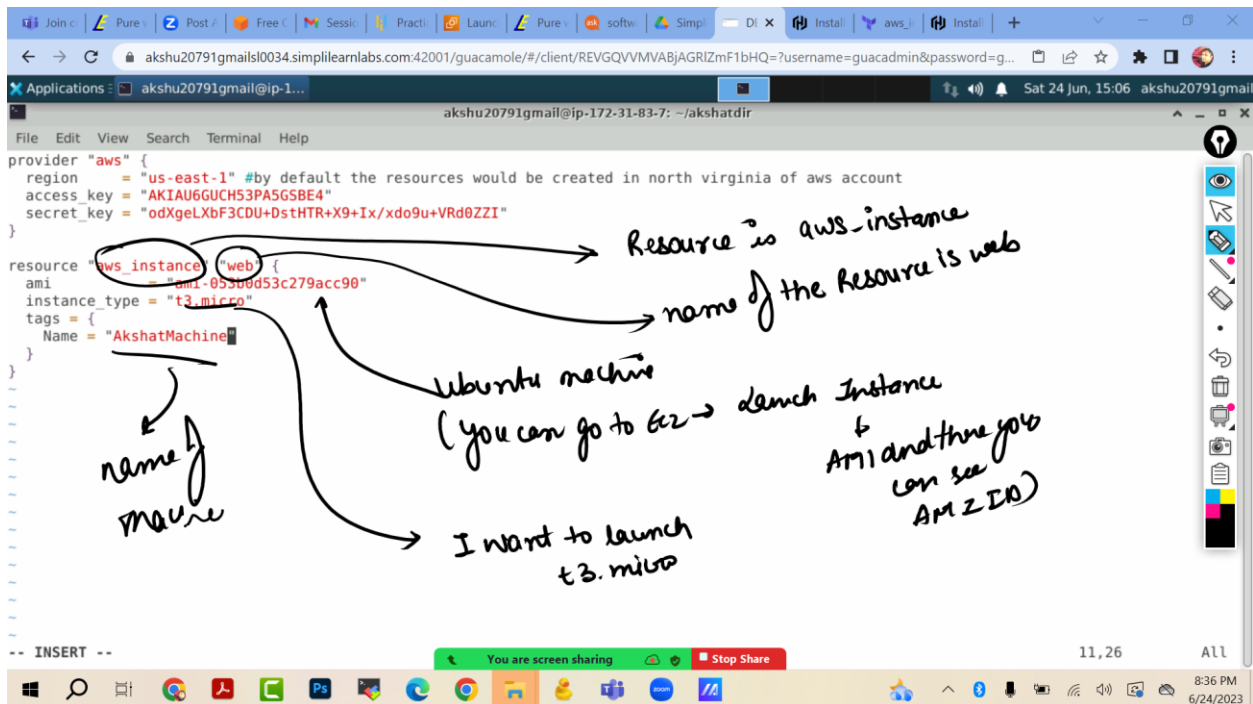


Terraform 2



```
provider "aws" {  
  region = "us-east-1" #by default the resources would be created in north virginia of aws account  
  access_key = "###USE YOUR ACCESS KEYS"  
  secret_key = "## USE YOUR ACCESS KEYS "  
}
```

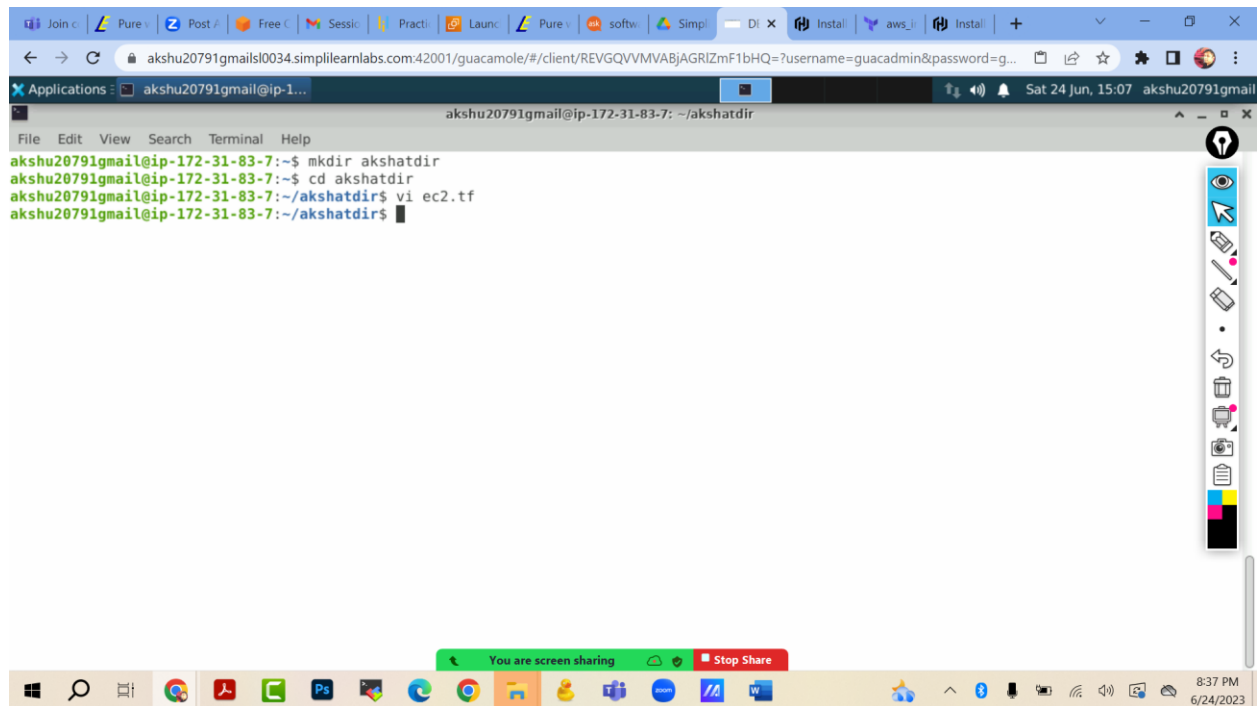
```
resource "aws_instance" "web" {  
  ami = "ami-053b0d53c279acc90"  
  instance_type = "t3.micro"  
  tags = {
```

```
Name = "AkshatMachine"
```

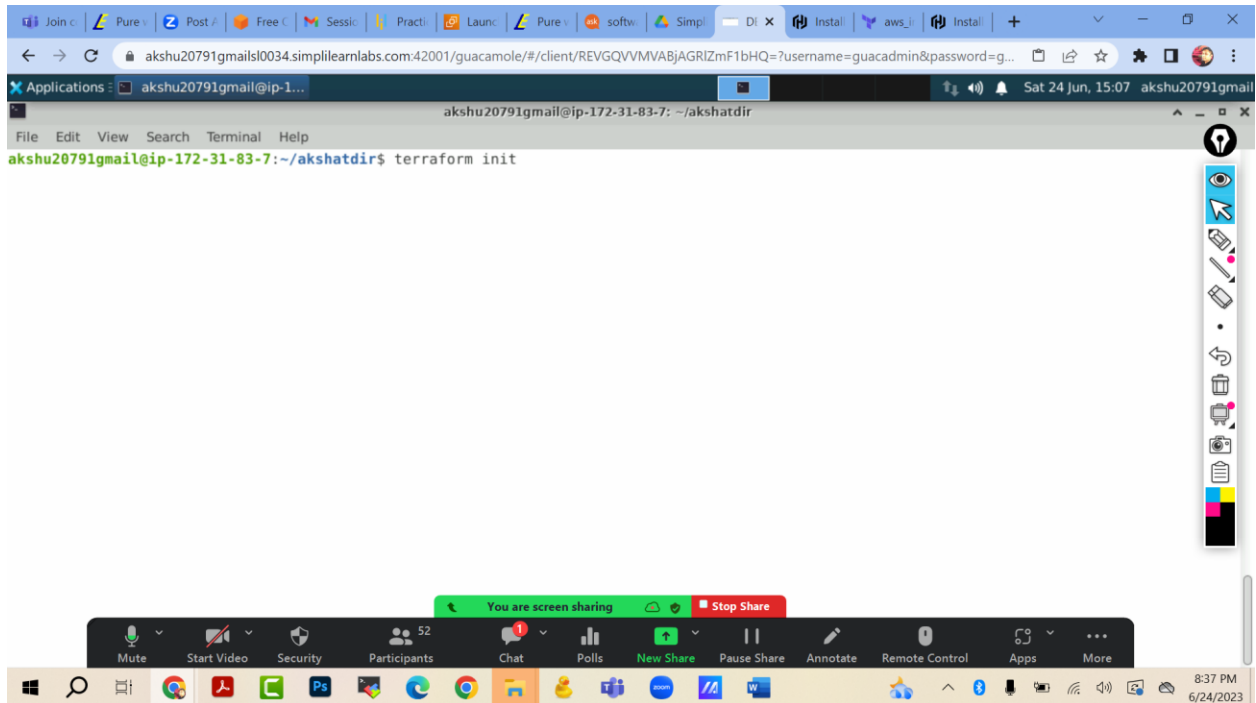
```
}
```

```
}
```

Press esc :wq



terraform init



```
akshu20791gmail@ip-172-31-83-7:~/akshatdir$ terraform init
```

Initializing the backend...

Initializing provider plugins...

- Finding latest version of hashicorp/aws...
- Installing hashicorp/aws v5.5.0...
- Installed hashicorp/aws v5.5.0 (signed by HashiCorp)

Terraform has created a lock file **.terraform.lock.hcl** to record the provider selections it made above. Include this file in your version control repository so that Terraform can guarantee to make the same selections by default when you run "terraform init" in the future.

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan" to see any changes that are required for your infrastructure. All Terraform commands should now work.

If you ever set or change modules or backend configuration for Terraform, rerun this command to reinitialize your working directory. If you forget, other commands will detect it and remind you to do so if necessary.

```
akshu20791gmail@ip-172-31-83-7:~/akshatdir$
```

terraform plan

```
akshu20791gmail@ip-172-31-83-7:~/akshatdir$ terraform plan
```

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:

- + create

Terraform will perform the following actions:

```
# aws_instance.web will be created
+ resource "aws_instance" "web" {
  + ami                    = "ami-053b0d53c279acc90"
  + arn                    = (known after apply)
  + associate_public_ip_address = (known after apply)
  + availability_zone       = (known after apply)
  + cpu_core_count          = (known after apply)
  + cpu_threads_per_core    = (known after apply)
  + disable_api_stop        = (known after apply)
  + disable_api_termination = (known after apply)
  + ebs_optimized           = (known after apply)
```

terraform apply --auto-approve

```
akshu20791gmail@ip-172-31-83-7:~/akshatdir$ terraform apply --auto-approve
```

Terraform used the selected providers to generate the following execution plan. Resource actions are indicated with the following symbols:

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```

Go to aws console ,

