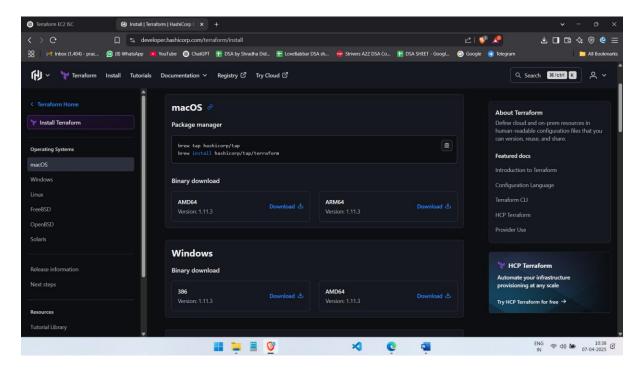
ASSIGNMENT NO: 07

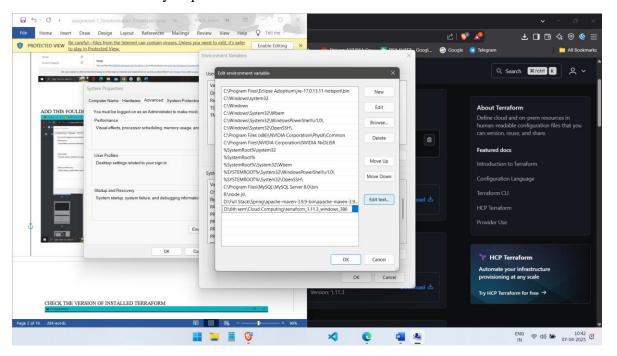
<u>Title</u>: Write IaC using terraform to create EC2 machine on AWS or Azure or Google cloud. (Compulsory to use Input and output variable files)

Procedure:

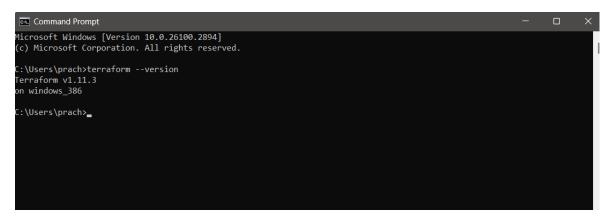
1. Download and install Terraform:



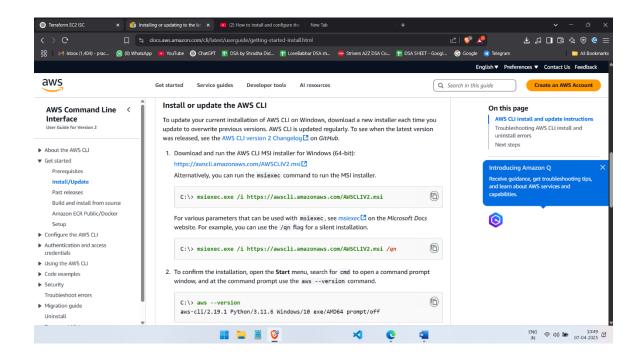
Add this folder directory to path.



Check the version of installed terraform.



2. Download AWS Command Line Interface and configure it.







Welcome to the AWS Command Line Interface v2 Setup Wizard

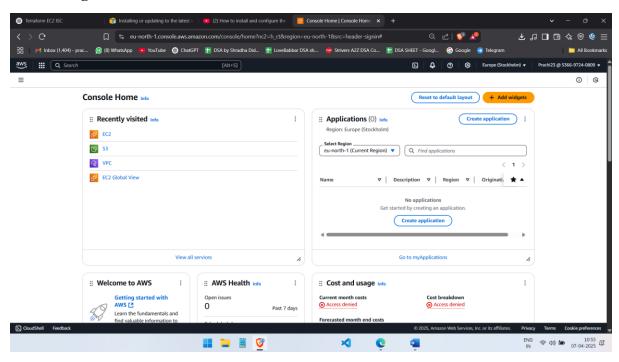
The Setup Wizard will install AWS Command Line Interface v2 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.

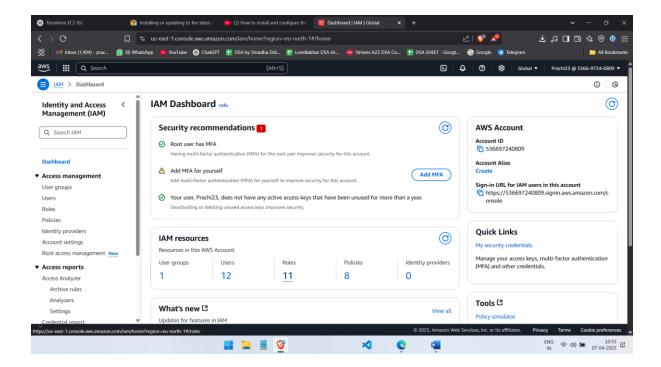
Next

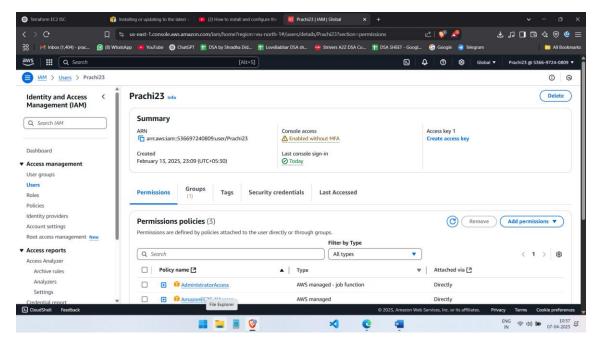
Cancel

Back

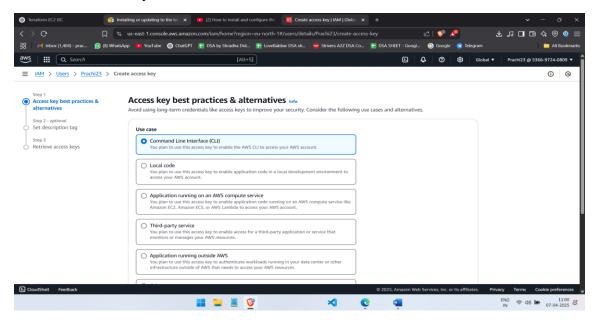
3. Login to AWS and search for IAM service.

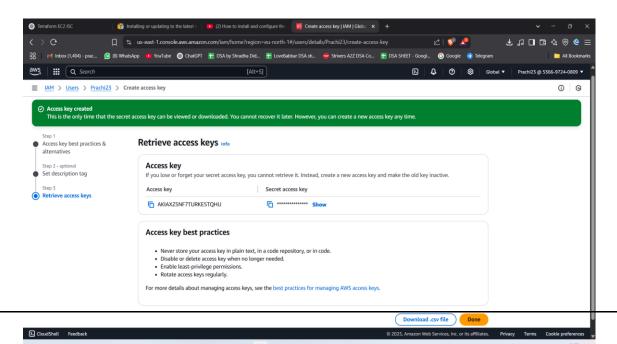


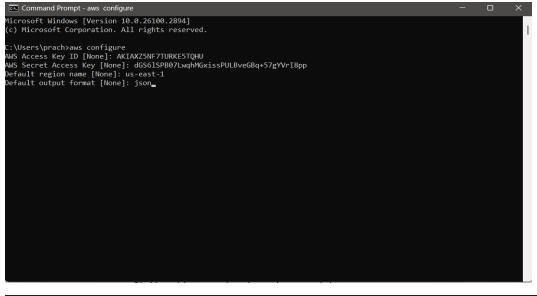


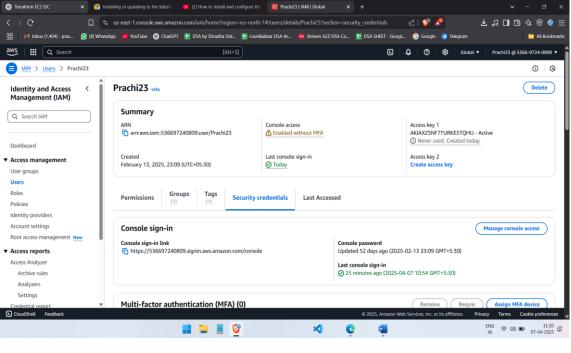


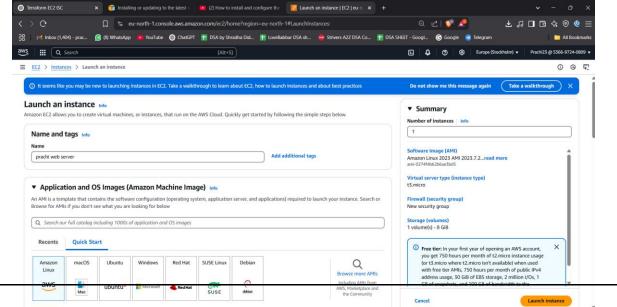
Create an Access key









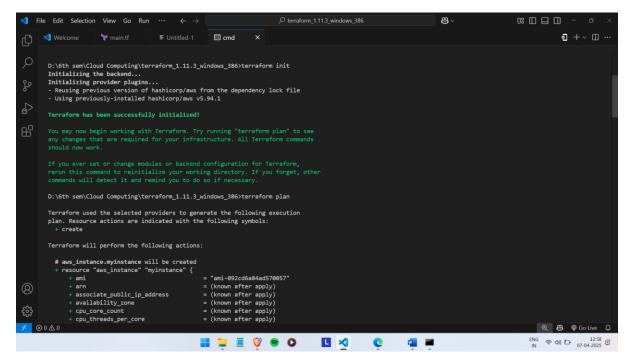


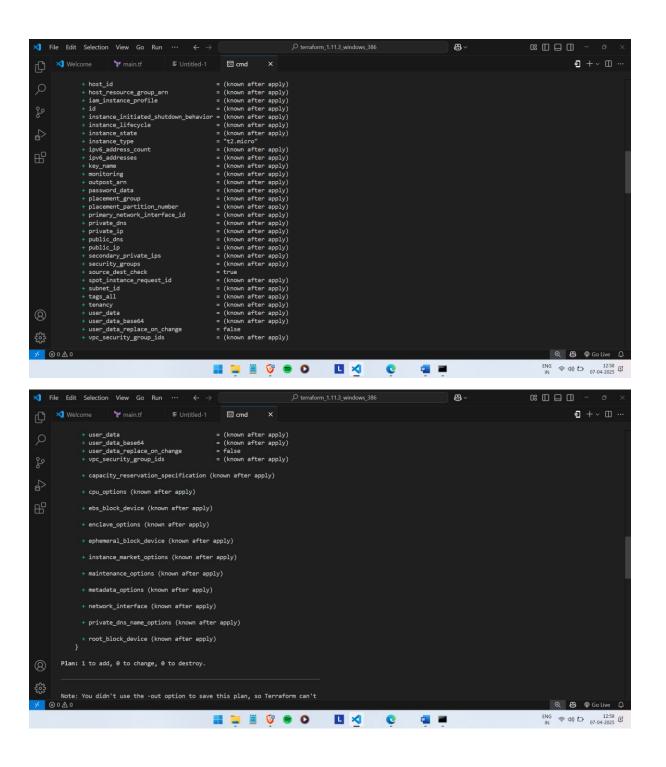
4. Write terraform script:

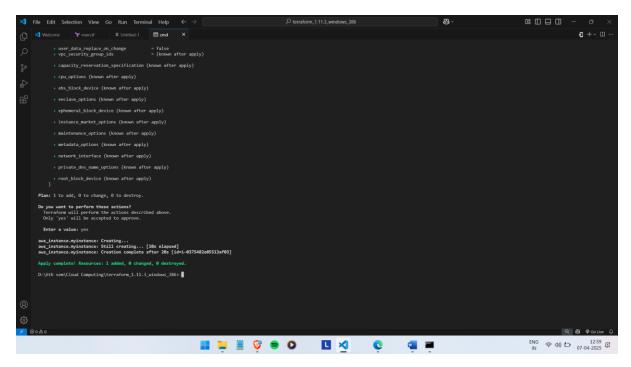
```
88 ~
                                                                                           а п ..
       1 provider "aws"{
             region = "sa-east-1"
       5 variable "instance_type"{
              default= "t2.micro"
       9 variable "ami_id"{
              default = "ami-092cd6a84ad570057"
      13 resource "aws_instance" "myinstance" {
                   = var.ami_id
      instance_type = var.instance_type
£55
                                                                    Q Ln 12, Col 1 Spaces: 4 UTF-8 CRLF {} Plain Text 🔠 📦 Go Live
                                ENG (N) (D) 12:57 (F) (O7-04-2025 (F)
```

5. Run terraform commands

terraform init terraform plan terraform apply







Result:

