**Lab Exercise 12**

**Terraform IAM User Setting**

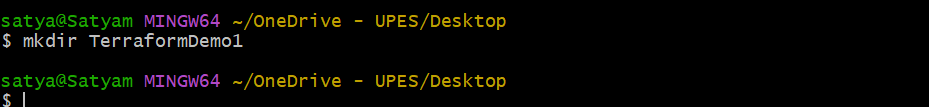
**Prerequisites:** Terraform Installed: Make sure you have Terraform installed on your machine. Follow the official installation guide if needed.

**AWS Credentials**: Ensure you have AWS credentials (Access Key ID and Secret Access Key) configured. You can set them up using the AWS CLI or by setting environment variables.

**Exercise Steps:**

**Step 1**: Create a New Directory:

Create a new directory for your Terraform configuration:

“Terraform-Demo”

**Step 2:** Create Terraform Configuration File (main.tf):

Create a file named main.tf with the following content:

terraform {

  required\_providers {

    aws = {

      source = "hashicorp/aws"

      version = "5.31.0"

    }

  }

}

provider "aws" {

  region     = "ap-south-1"

  access\_key = "your IAM access key"

  secret\_key = "your secret access key"

}



This script defines an AWS provider and provisions an EC2 instance.

**Step 3:** Initialize Terraform:

Run the following command to initialize your Terraform working directory:

terraform init

