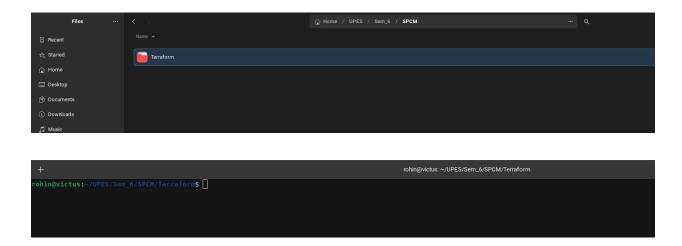
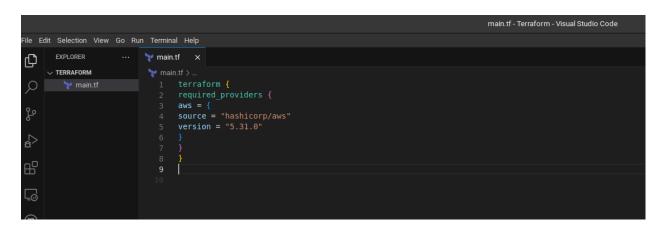
SPCM Lab 2

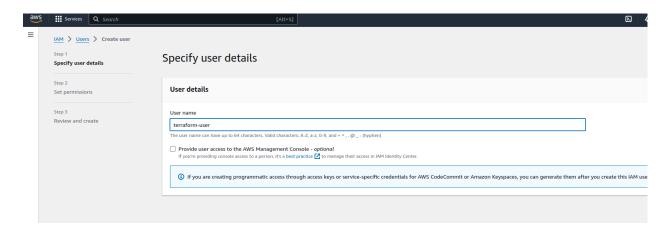
Step 1: Create a New Directory: Create a new directory for your Terraform configuration:



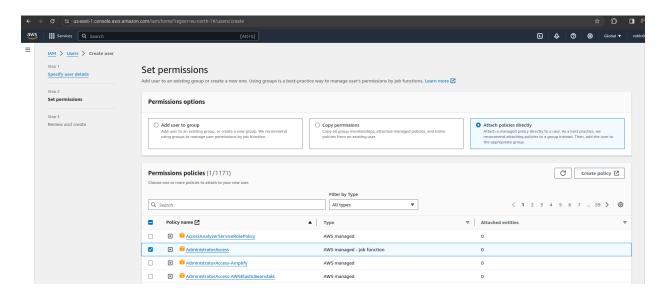
Step 2: Create Terraform Configuration File (main.tf): Create a file named main.tf with the following content:



Create a new IAM user:



Give admin access to user



Create Access-Key for the newly created user:



Provide access keys in the main.tf file:

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:

```
+ rohin@victus:~/UPES/Sem_6/SPCM/Terraform$ terraform init

Initializing the backend...

Initializing provider plugins...
- Finding hashicorp/aws versions matching "5.31.0"...
- Installing hashicorp/aws v5.31.0...
- Installing hashicorp/aws v5.31.0 (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 and 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. rohin@victus:~/UPES/Sem_6/SPCM/Terraform$
```