School of Computer Science

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

DEHRADUN, UTTARAKHAND



**System Provisioning and**

**Configuration Management**

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| Submitted To:  Dr. Hitesh Kumar Sharma | Submitted By:  Devesh Singh  Batch – 3(DevOps)  500095191 |

Lab Exercise 2– Terraform AWS Provider and 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:

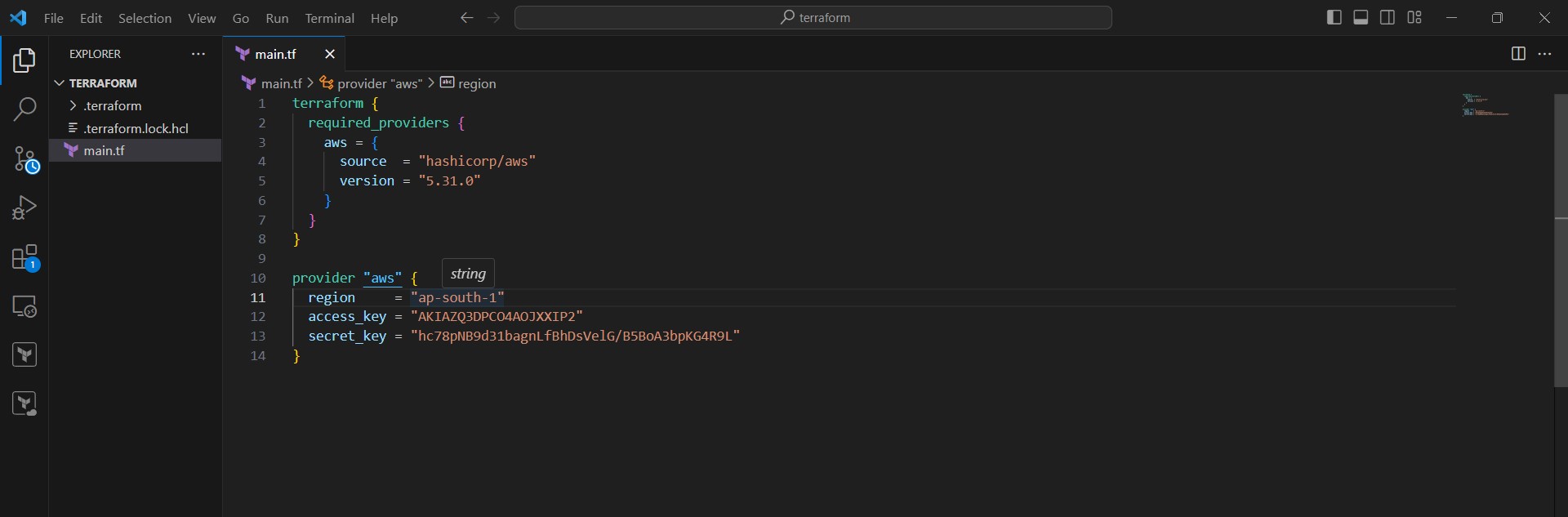
Step 1: Create a New Directory:

Create a new directory for your Terraform configuration:



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

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



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:

