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Class : D15B
Roll No: 23
Subject : Adv-DevOps

Step 1: Install Terraform

Edit environment variable ✕

C:\Users\INFT512-11\AppData\Local\Programs\Python\Python312\Sc...	New
C:\Users\INFT512-11\AppData\Local\Programs\Python\Python312\	
C:\Users\INFT512-11\AppData\Local\Programs\Python\Launcher\	Edit
%USERPROFILE%\AppData\Local\Microsoft\WindowsApps	
C:\Users\INFT512-11\AppData\Local\Programs\Microsoft VS Code\bin	Browse...
C:\terraform_1.9.4_windows_amd64	
	Delete
	Move Up
	Move Down
	Edit text...

OK   Cancel

OK   Cancel
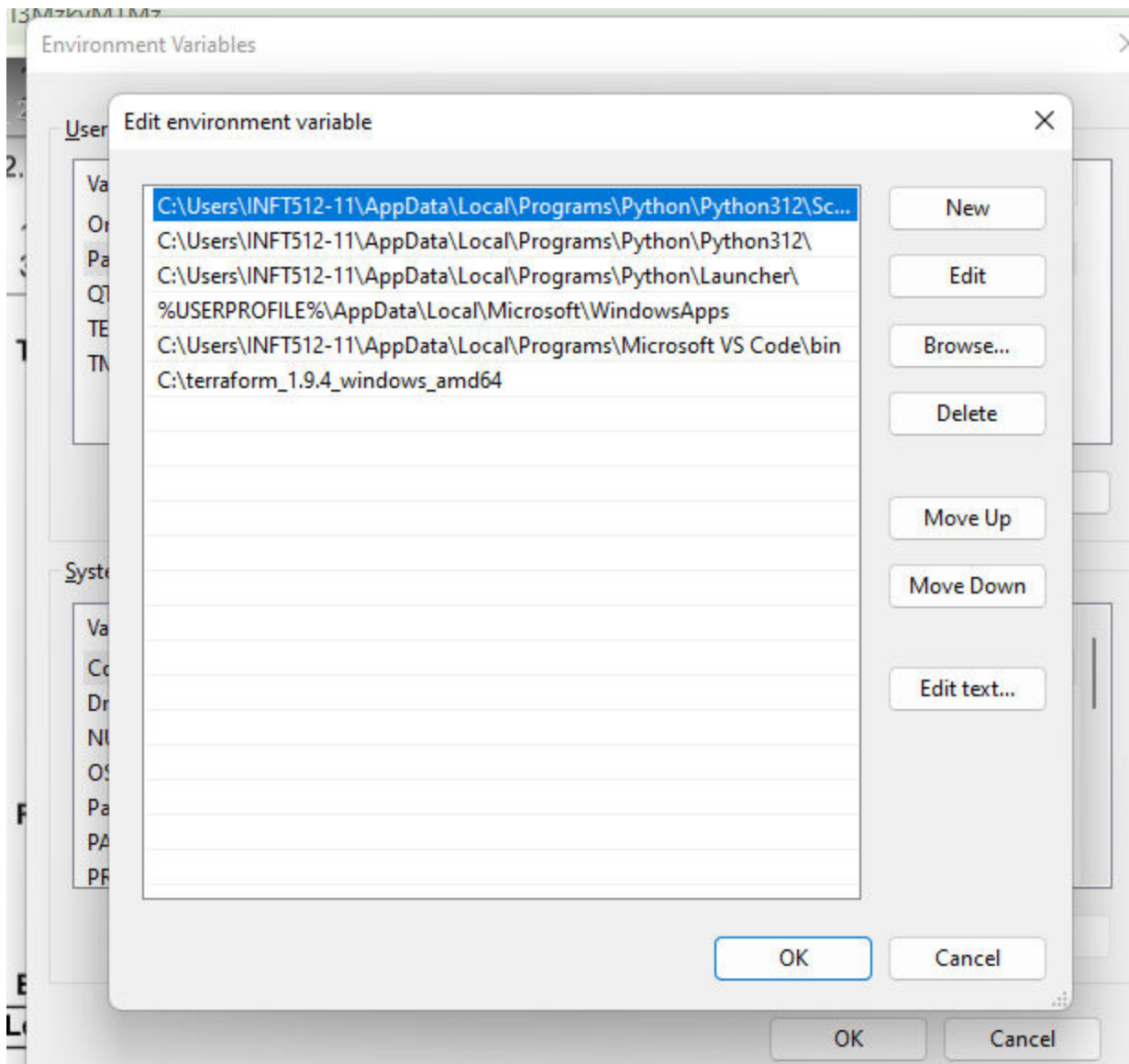
Command Prompt

```
C:\Users\INFT512-11>terraform -v
Terraform v1.9.4
on windows_amd64

C:\Users\INFT512-11>
```

```terraform
# s3.tf
1  resource "aws_s3_bucket" "harsh" {
2      bucket = "harsh_exp"
3
4      tags = {
5          Name        = "My Bucket"
6          Environment = "Dev"
7      }
8  }
```

```terraform
# provider.tf
1  provider "aws" {
2      access_key = "ASIA2XEZRFUCOZI6NJUO"
3      secret_key="RUK/t2N5Eze09+SCGatELNVLMTatKow12La0ryml"
4      region="us-east-1"
5  }
```

```
C:\terraform-scripts\s3>dir
 Volume in drive C has no label.
 Volume Serial Number is 2A12-155A

 Directory of C:\terraform-scripts\s3

08-08-2024  14:47    <DIR>              .
08-08-2024  14:37    <DIR>              ..
08-08-2024  15:01                 147 provider.tf
08-08-2024  14:59                 152 s3.tf
               2 File(s)            299 bytes
               2 Dir(s)  212,109,307,904 bytes free
```

```
C:\terraform-scripts\s3>terraform init
Initializing the backend...
Initializing provider plugins...
- Finding latest version of hashicorp/aws...
- Installing hashicorp/aws v5.61.0...
- Installed hashicorp/aws v5.61.0 (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.
```