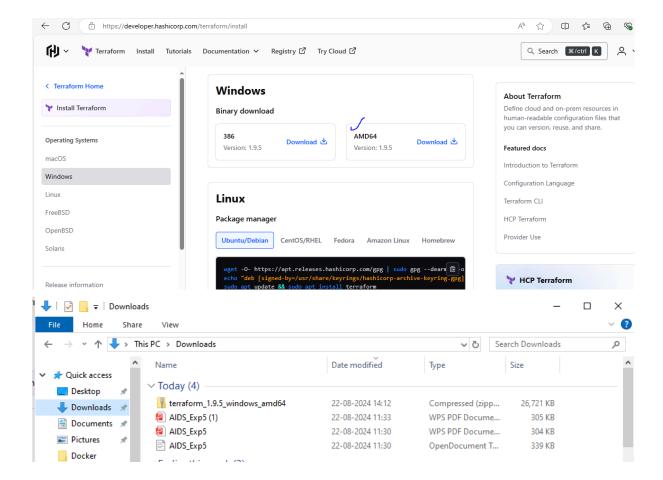
SNEHA PATRA D15A 41

EXPERIMENT 5:TERRAFORM

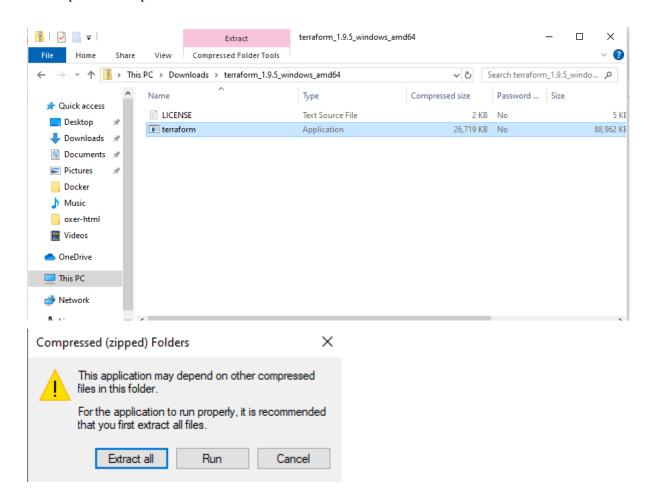
AIM:To understand terraform lifecycle, core concepts/terminologies and install it on a Linux Machine and Windows.

Installation and Configuration of Terraform in Windows:

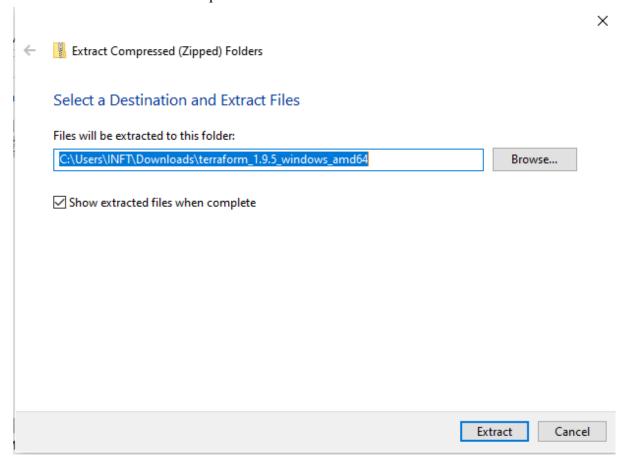
1: To install Terraform, First Download the Terraform Cli Utility for windows from terraforms official website: :https://www.terraform.io/downloads.html



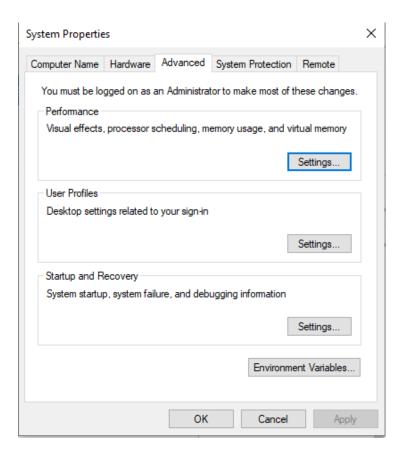
2:Compress the zip file.

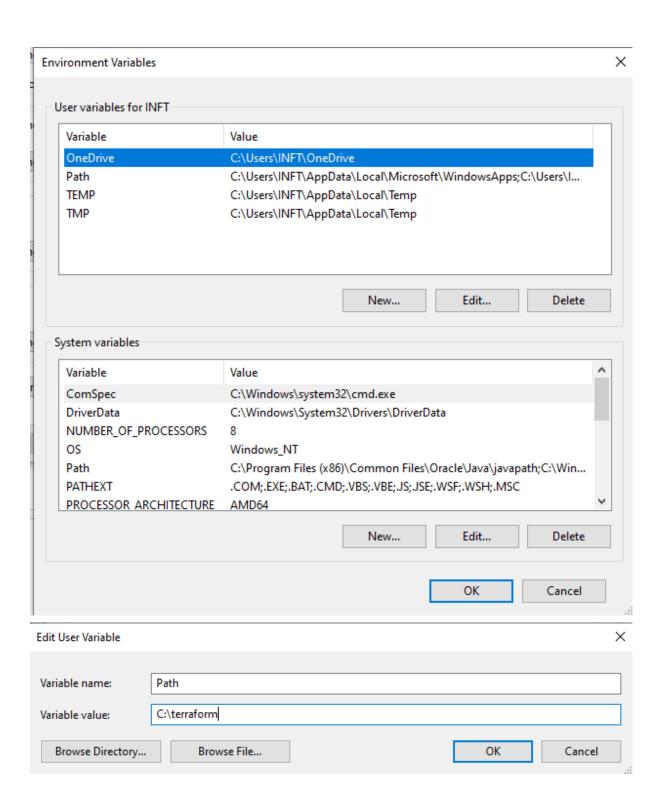


2: Extract the downloaded setup file Terraform.exe.



4: Set the System path for Terraform in Environment Variables.





5 : Open Terraform in PowerShell and check its functionality

```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS C:\Windows\system32> <mark>terraform</mark>
Usage: terraform [global options] <subcommand> [args]
The available commands for execution are listed below.
The primary workflow commands are given first, followed by
less common or more advanced commands.
   init
validate
                        Prepare your working directory for other commands
                        Check whether the configuration is valid
Show changes required by the current configuration
   plan
   apply
                        Create or update infrastructure
                        Destroy previously-created infrastructure
   destrov
All other commands:
                        Try Terraform expressions at an interactive command prompt
Reformat your configuration in the standard style
   console
fmt
   force-unlock Release a stuck lock on the current workspace
get Install or upgrade remote Terraform modules
graph Generate a Graphviz graph of the steps in an operation
import Associate existing infrastructure with a Terraform resource
                        Obtain and save credentials for a remote host
Remove locally-stored credentials for a remote host
   login
   logout
   metadata
                        Metadata related commands
                        Show output values from your root module
Show the providers required for this configuration
   output
   providers
                        Update the state to match remote systems
   refresh
   show
                        Show the current state or a saved plan % \left\{ 1,2,\ldots ,n\right\}
                        Advanced state management
   state
   taint
                         Mark a resource instance as not fully functional
   test
untaint
                        Execute integration tests for Terraform modules Remove the 'tainted' state from a resource instance
                        Show the current Terraform version
   version
   workspace
                        Workspace management
Global options (use these before the subcommand, if any):
-chdir=DIR Switch to a different working directory before executing the
                        given subcommand.
Show this help output, or the help for a specified subcommand.
An alias for the "version" subcommand.
   -help
-version An alia:
PS C:\Windows\system32>
```