

Experiment 5

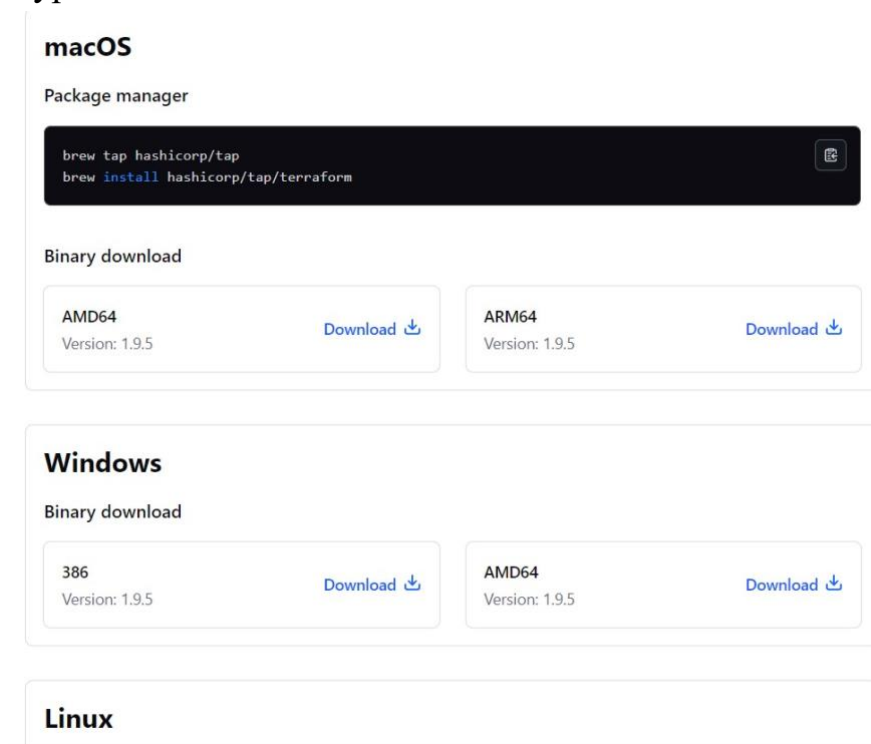
A) Installation and Configuration of Terraform in Windows

Step 1: Download terraform

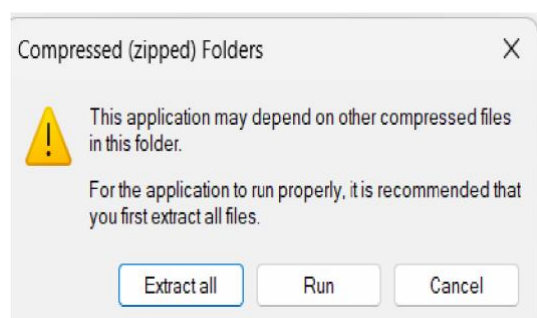
To install Terraform, First Download the Terraform Cli Utility for windows from terraforms official website

website: <https://www.terraform.io/downloads.html>

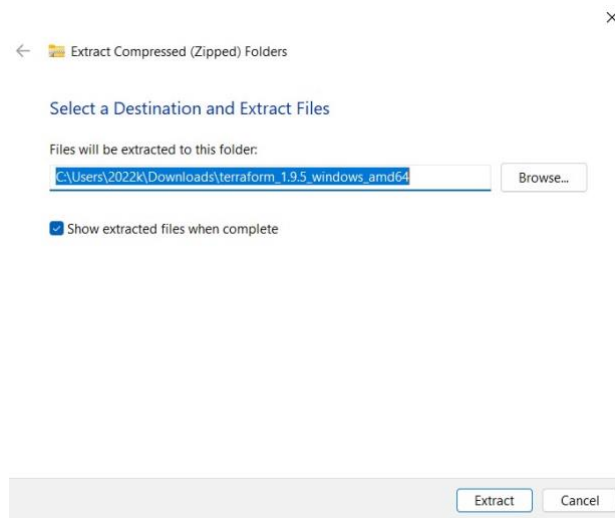
Select the Operating System Windows followed by either 32bit or 64 bit based on your OS type.



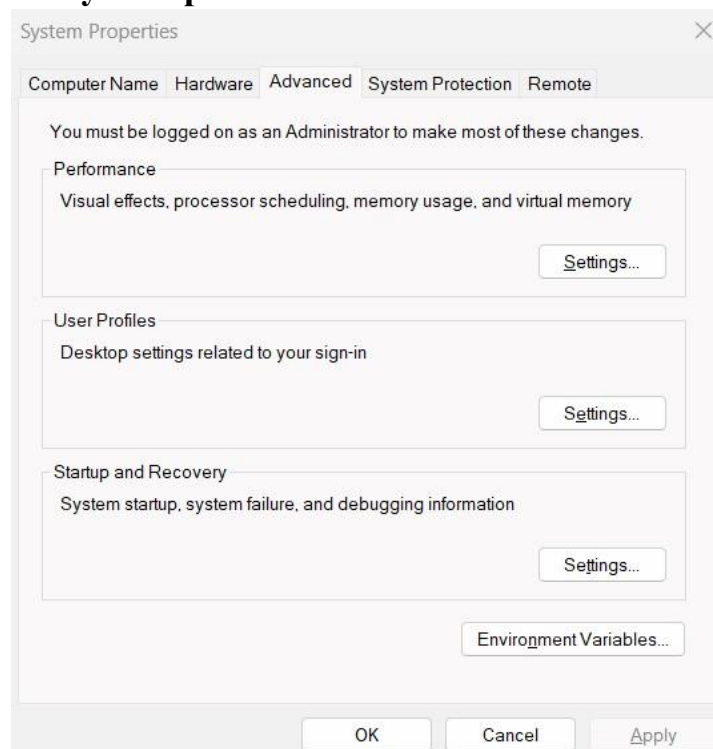
Step 2: Extract the downloaded setup file Terraform.exe in

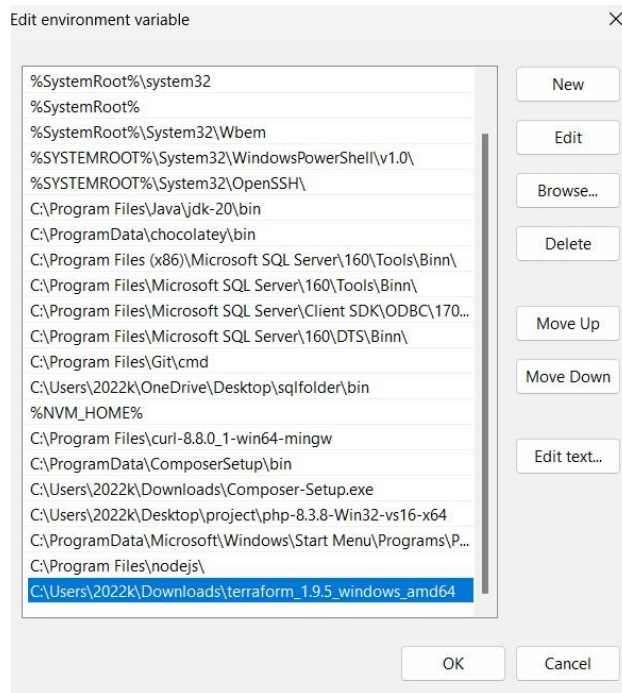


C:\Terraform directory

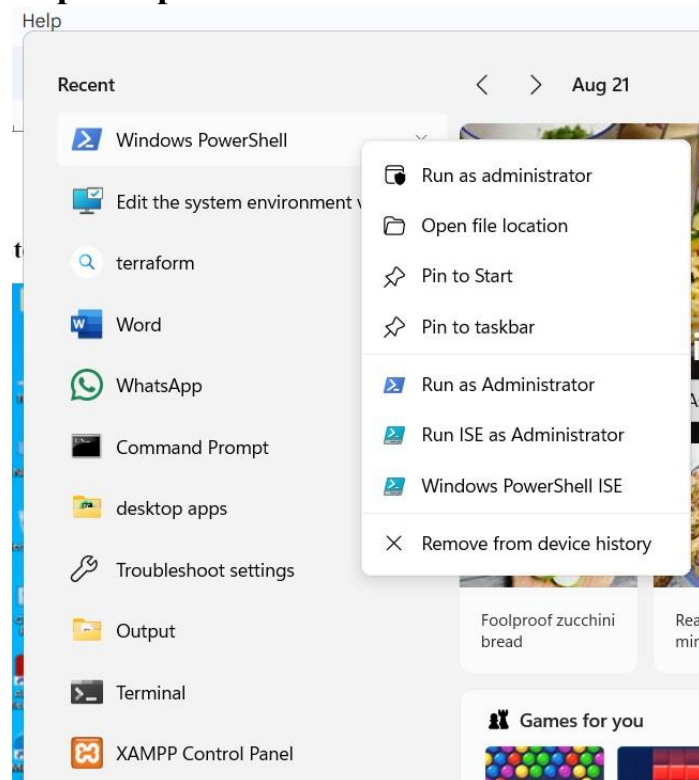


Step 3: Set the System path for Terraform in Environment Variables

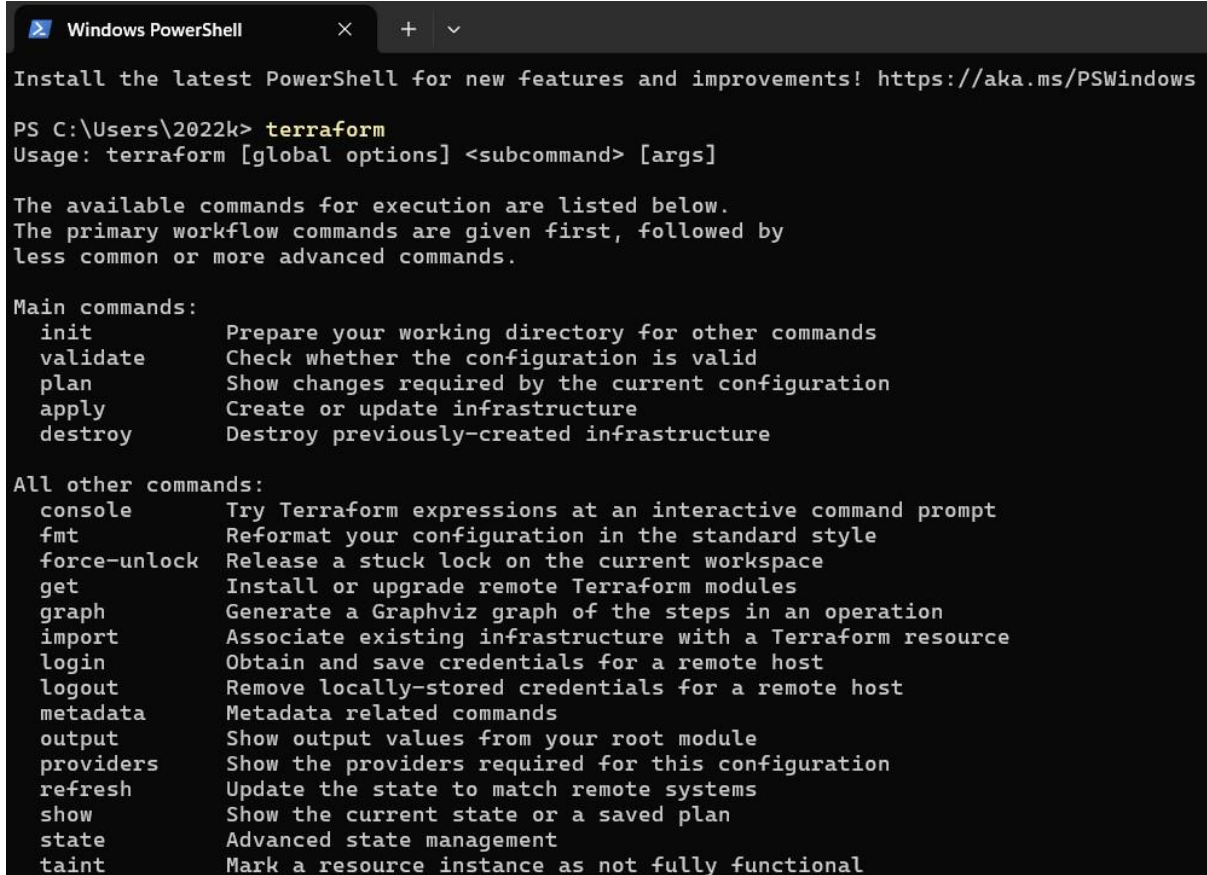




Step 4: Open PowerShell with Admin Access



Step 5 : Open Terraform in PowerShell and check its functionality



Windows PowerShell

Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS C:\Users\2022k> terraform

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.

Main commands:

init	Prepare your working directory for other commands
validate	Check whether the configuration is valid
plan	Show changes required by the current configuration
apply	Create or update infrastructure
destroy	Destroy previously-created infrastructure

All other commands:

console	Try Terraform expressions at an interactive command prompt
fmt	Reformat your configuration in the standard style
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
login	Obtain and save credentials for a remote host
logout	Remove locally-stored credentials for a remote host
metadata	Metadata related commands
output	Show output values from your root module
providers	Show the providers required for this configuration
refresh	Update the state to match remote systems
show	Show the current state or a saved plan
state	Advanced state management
taint	Mark a resource instance as not fully functional