Experiment 5
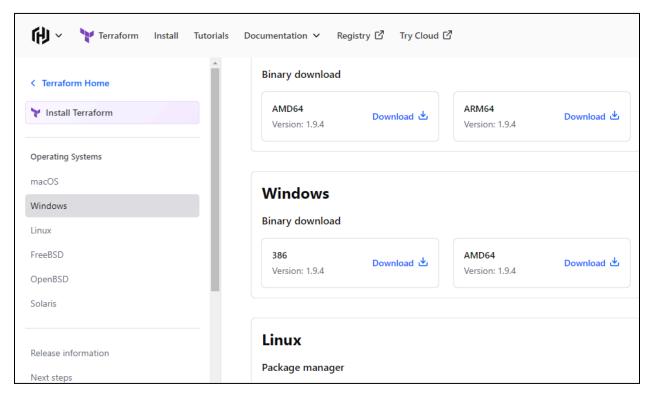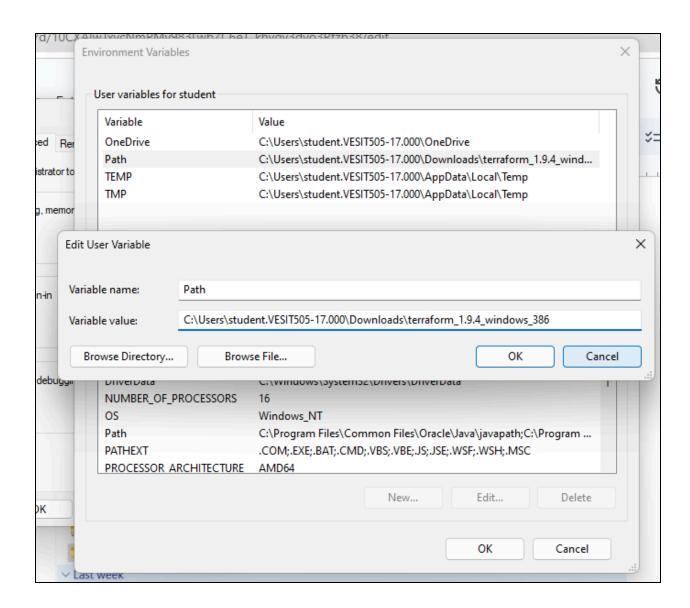
Aim: To understand terraform lifecycle, core concepts/terminologies and install it on a Linux Machine and Windows.

Environment Variables

User variables for student

Variable	Value
OneDrive	C:\Users\student.VESIT505-17.000\OneDrive
Path	C:\Users\student.VESIT505-17.000\Downloads\terraform_1.9.4_wind...
TEMP	C:\Users\student.VESIT505-17.000\AppData\Local\Temp
TMP	C:\Users\student.VESIT505-17.000\AppData\Local\Temp

Edit User Variable

Variable name: Path

Variable value: C:\Users\student.VESIT505-17.000\Downloads\terraform_1.9.4_windows_386

Browse Directory...   **Browse File...**   OK   Cancel

DriverData	C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSORS	16
OS	Windows_NT
Path	C:\Program Files\Common Files\Oracle\Java\javapath;C:\Program ...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE	AMD64

New...   Edit...   Delete

OK   Cancel

Last week

```
Microsoft Windows [Version 10.0.22631.3880]
(c) Microsoft Corporation. All rights reserved.

C:\Users\student.VESIT505-17.000>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
```

```
C:\Users\student.VESIT505-17.000>terraform -v
Terraform v1.9.4
on windows_386
```