

## EXPERIMENT 5

NAME:MOHIT PATIL DIV:D15A ROLL NO:37

Aim:Installation and configuration of Terraform in windows

The screenshot displays the Terraform website's installation page. The top navigation bar includes links for Terraform, Install, Tutorials, Documentation, Registry, and Try Cloud. A search bar and user profile icon are on the right. The left sidebar lists 'Terraform Home', 'Install Terraform' (highlighted), 'Operating Systems' (with sub-links for macOS, Windows, Linux, FreeBSD, OpenBSD, and Solaris), 'Release information', and 'Next steps'. The main content area is divided into three sections: 'Binary download' for general use (offering AMD64 and ARM64 versions of 1.9.5), 'Windows' (offering 386 and AMD64 versions of 1.9.5), and 'Linux' (offering a 'Package manager' option). The right sidebar contains 'About Terraform' (describing its purpose), 'Featured docs' (listing Introduction to Terraform, Configuration Language, Terraform CLI, HCP Terraform, and Provider Use), and 'HCP Terraform' (describing its use for automating infrastructure). A footer cookie notice is visible at the bottom.

**Binary download**

Architecture	Version	Download
AMD64	Version: 1.9.5	<a href="#">Download</a>
ARM64	Version: 1.9.5	<a href="#">Download</a>

**Windows**

**Binary download**

Architecture	Version	Download
386	Version: 1.9.5	<a href="#">Download</a>
AMD64	Version: 1.9.5	<a href="#">Download</a>

**Linux**

**Package manager**

**About Terraform**

Define cloud and on-prem resources in human-readable configuration files that you can version, reuse, and share.

**Featured docs**


- Introduction to Terraform
- Configuration Language
- Terraform CLI
- HCP Terraform
- Provider Use

**HCP Terraform**

Automate your infrastructure provisioning at any scale

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←  Extract Compressed (Zipped) Folders

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Files will be extracted to this folder:

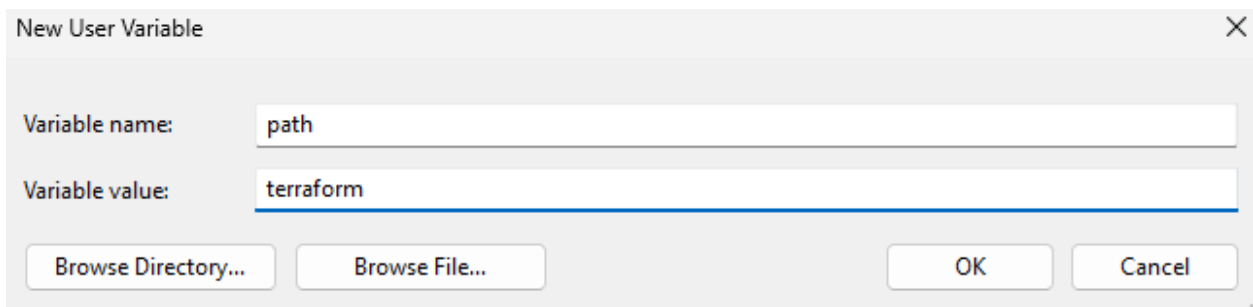
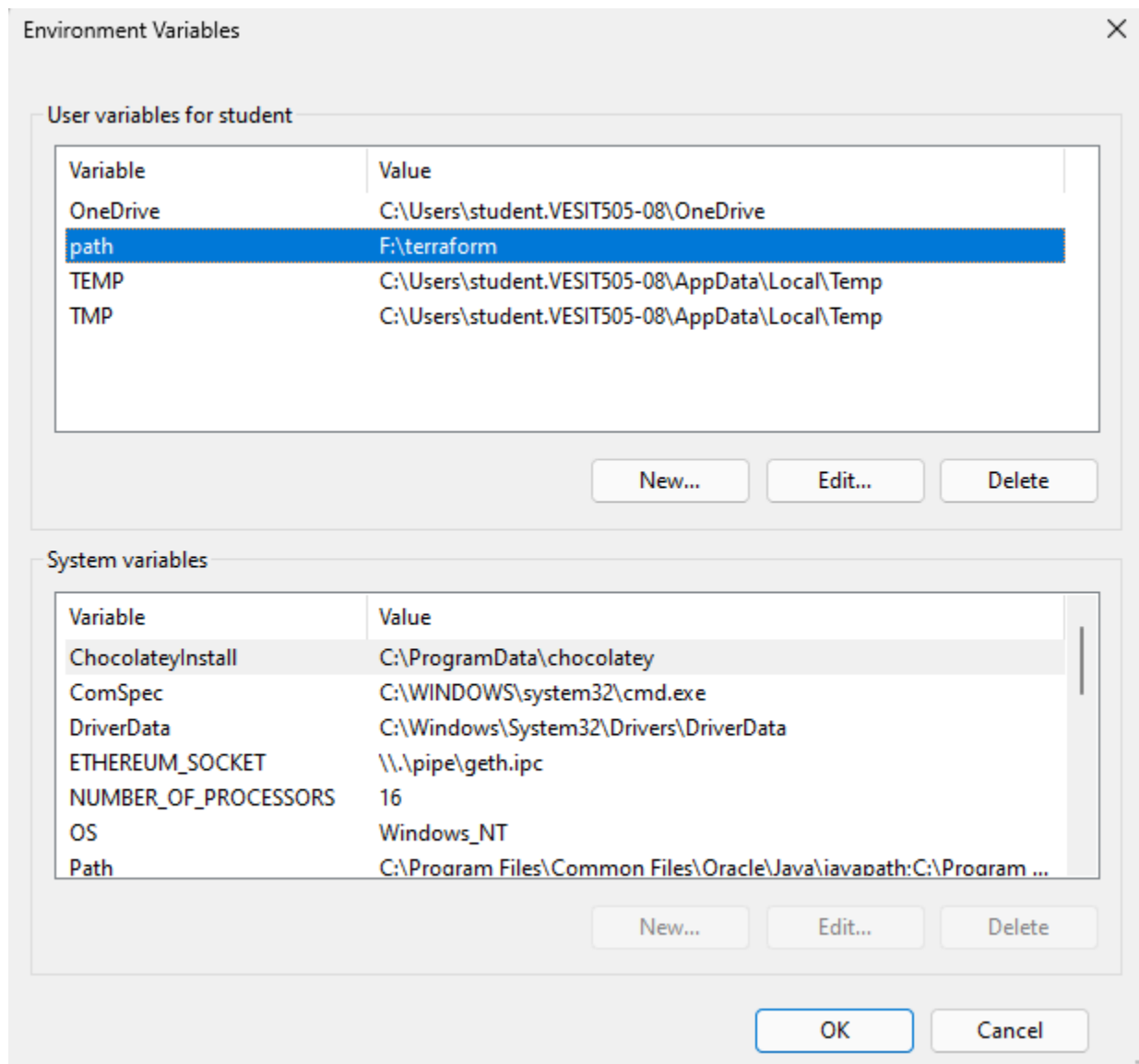
C:\Users\student.VESIT505-08\Downloads\terraform\_1.9.5\_windows\_386 (1)

Browse...

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Extract

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```
Windows PowerShell X + -
Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\student.VESIT505-08> 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
  test      Execute integration tests for Terraform modules
  untaint   Remove the 'tainted' state from a resource instance
```