

Deep Chavan

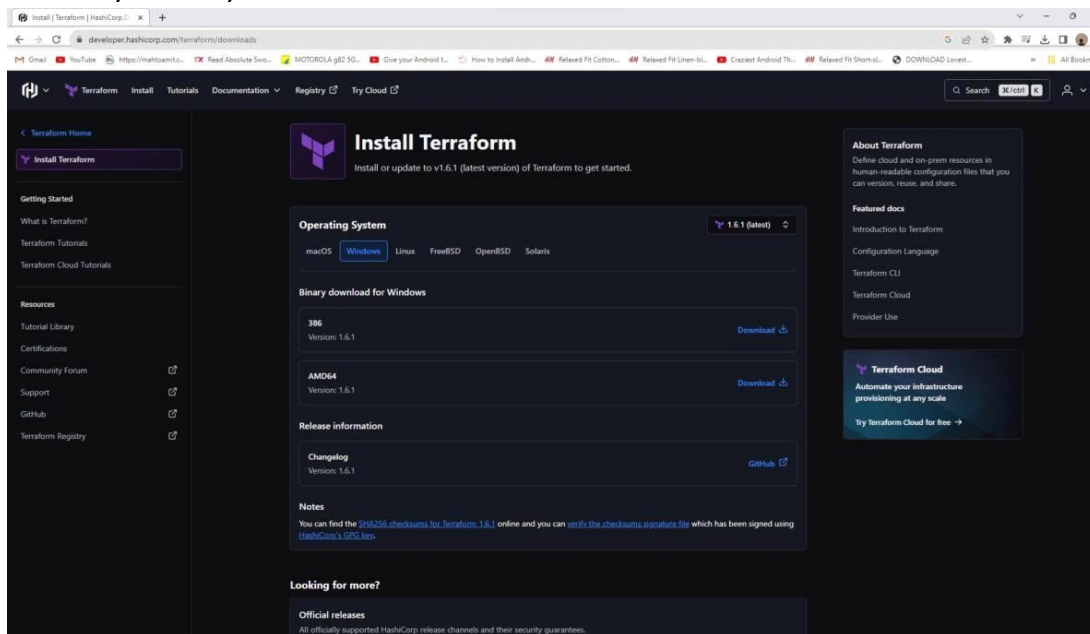
T11-15

Assignment No. 4

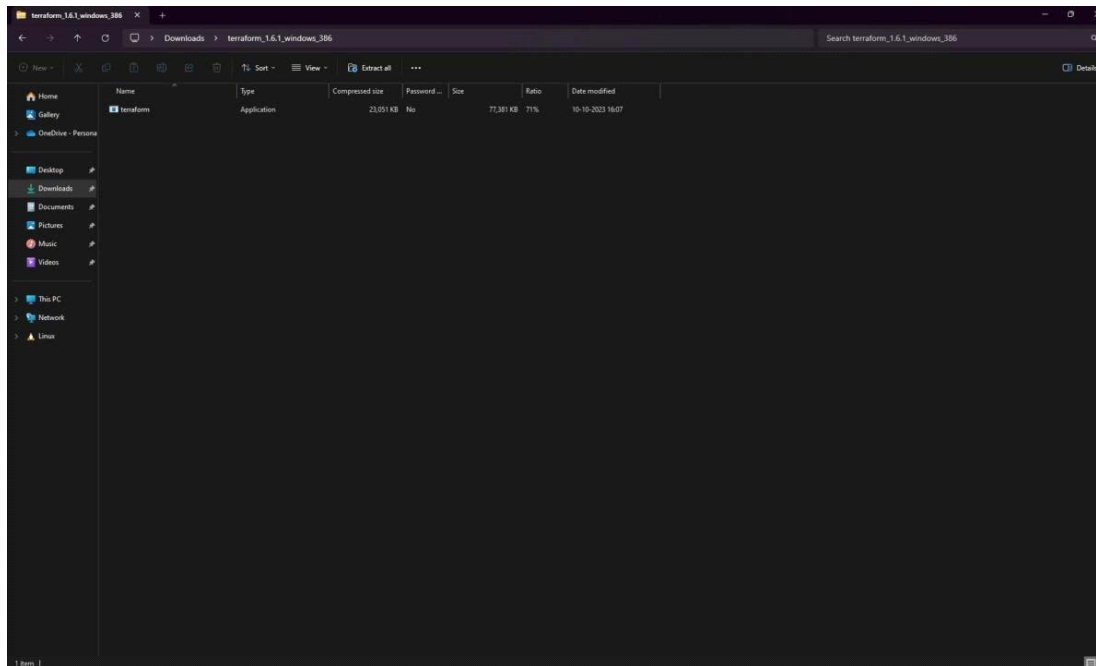
Aim: To understand the installation process of terraform.

Theory:

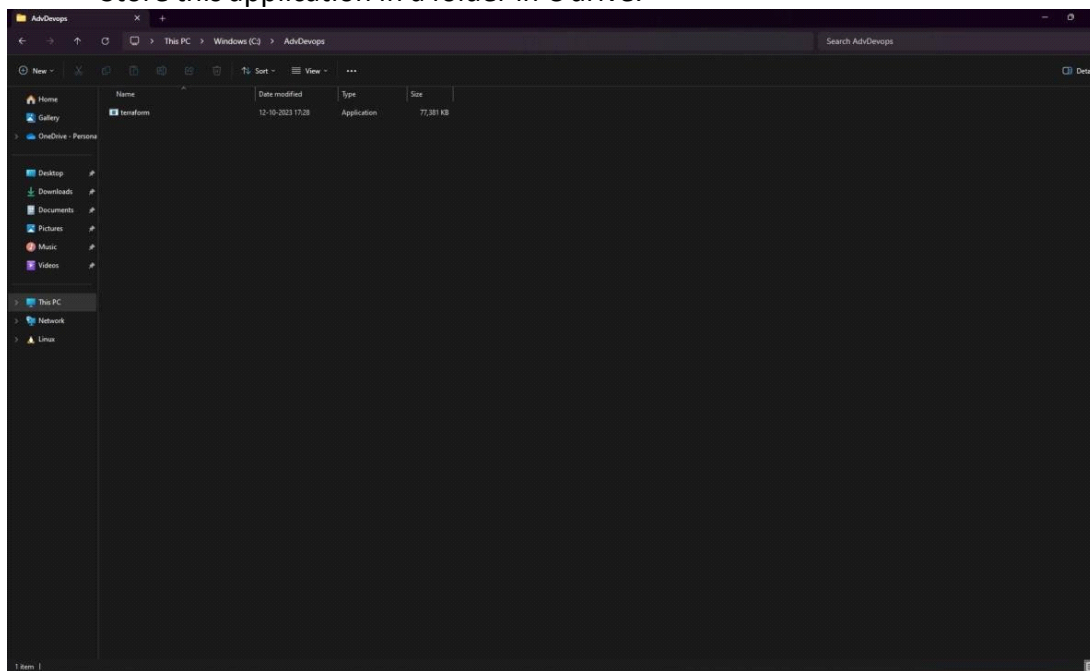
Go to the browser and search terraform download. Go to the first website "developer.hashicorp.com/terraform/downloads". Select the operating system of your choice.



Download any version that is suitable with your operating system. Once you finish downloading go to the Downloads folder and open the zip file.



Store this application in a folder in C drive.



Once it is done go to system libraries and add this application path to system variables so that you can use terraform scripts in your system.

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Command Prompt
Microsoft Windows [Version 10.0.22621.2828]
(c) Microsoft Corporation. All rights reserved.

C:\Users\shrey>cd ..
C:\Users>cd ..
C:\>cd AdvDevsops
C:\AdvDevsops>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
  version   Show the current Terraform 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.
  -help     Show this help output, or the help for a specified subcommand.
  -version  An alias for the "version" subcommand.

C:\AdvDevsops>
```

We can see that terraform path has been set up. This completes our installation of terraform.

Conclusion:

In this assignment we learnt how to install terraform and use it to run scripts.