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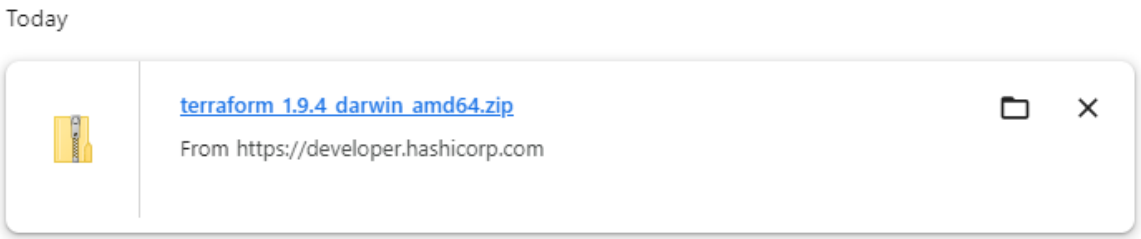
**Roll: 63**

**Class: D15B**

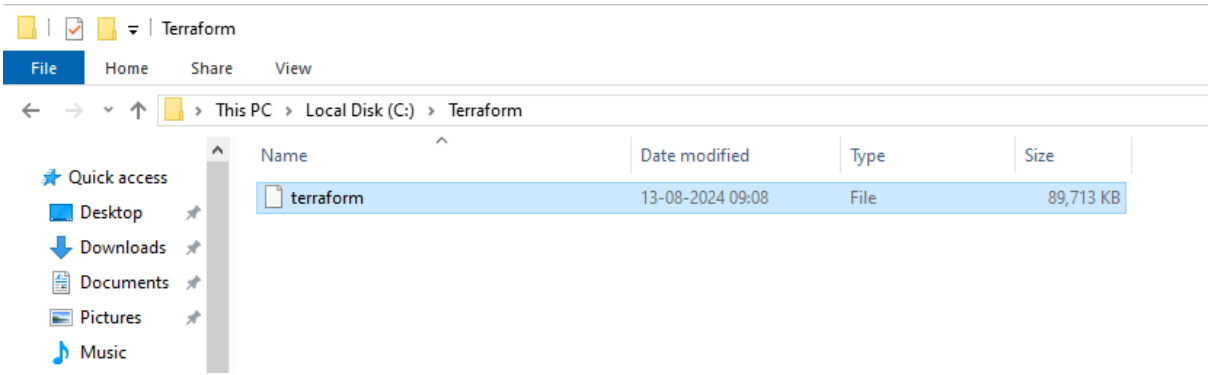
# Advance DevOps-5

**Steps to install terraform:**

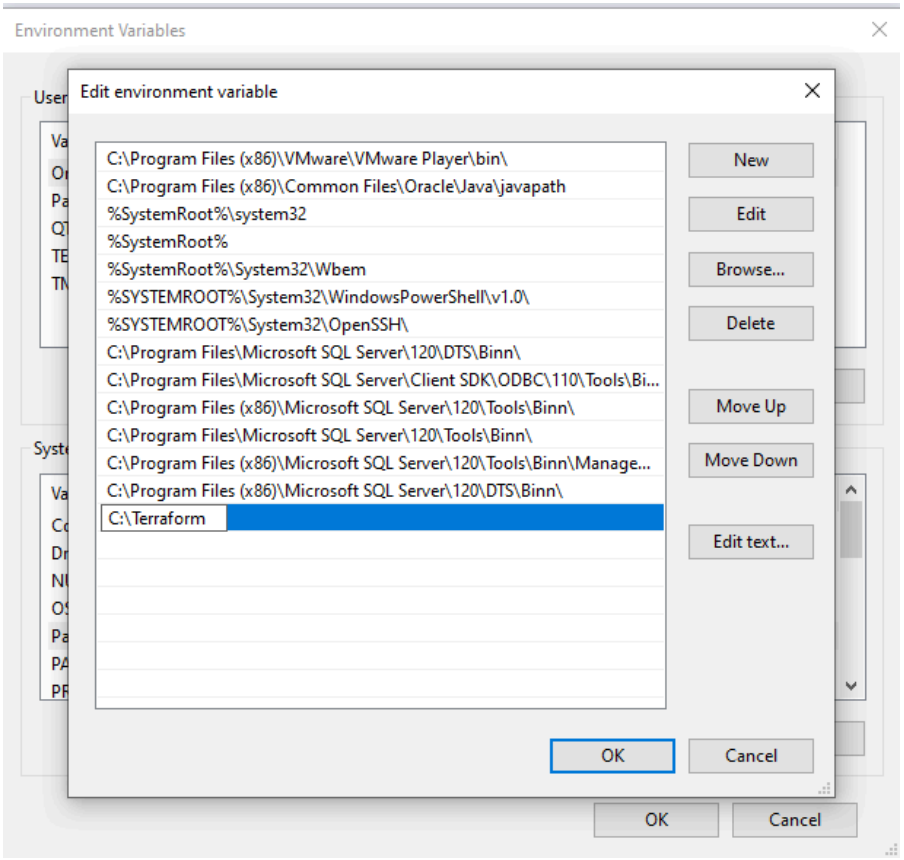
1) Go to https://developer.hashicorp.com/terraform/install?product_intent=terraform




2) Download the file into C:/Terraform




3) Add C:/Terraform in the environmental Variables




4) Go to CMD and type terraform to check

```
C:\Users\sujal>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
```

**Conclusion:**

In conclusion, installing and configuring Terraform on Windows involves downloading the Terraform executable, adding it to your system's PATH, and verifying the installation through the command line. By following these steps, users can efficiently manage infrastructure as code, enabling streamlined deployment and management of cloud resources. With its simple syntax and powerful capabilities, Terraform enhances productivity and collaboration in DevOps practices, making it a valuable tool for modern infrastructure management.