

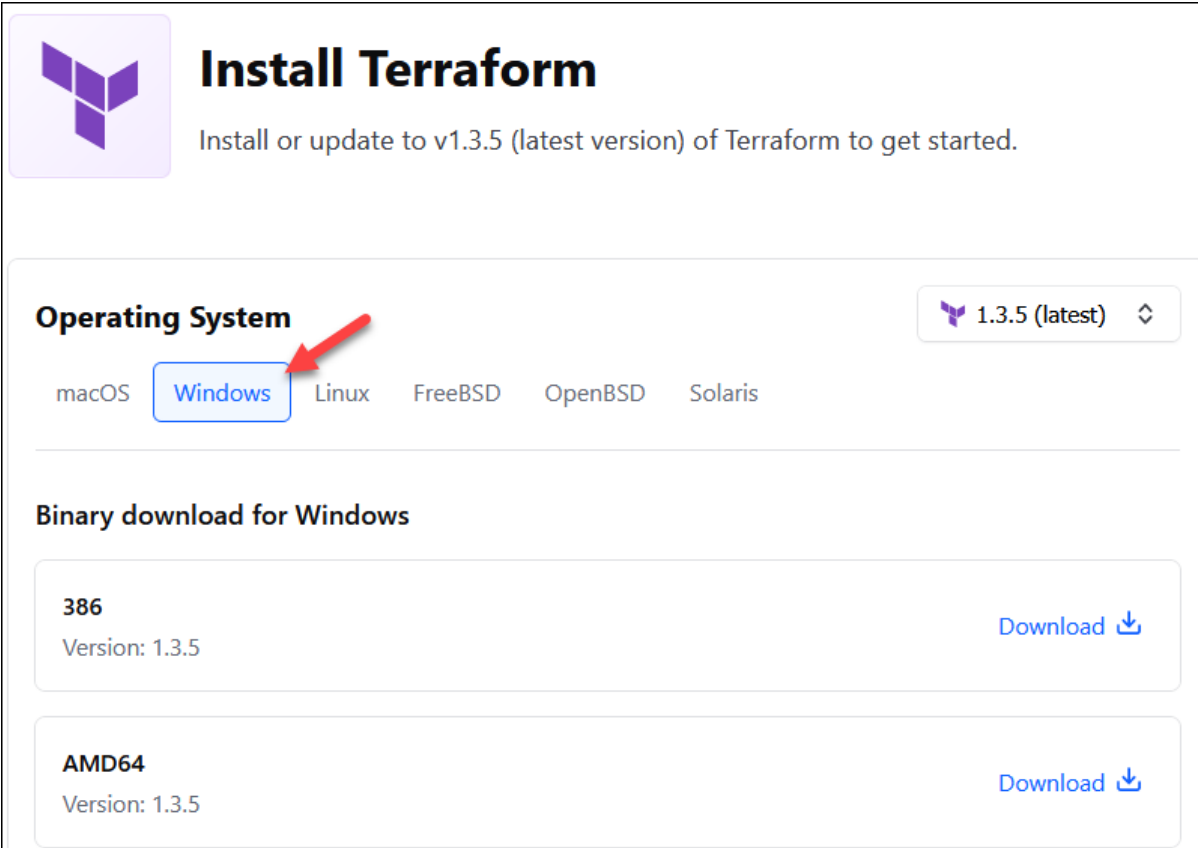
## LAB EXERCISE 1– INSTALL TERRAFORM ON WINDOWS

INSTALLING TERRAFORM ON WINDOWS REQUIRES YOU TO DOWNLOAD THE CORRECT TERRAFORM PACKAGE, UNPACK, AND EXECUTE IT VIA THE CLI. FOLLOW THE INSTRUCTIONS BELOW TO ENSURE YOU DO NOT MISS ANY STEPS.

### DOWNLOAD TERRAFORM FILE FOR WINDOWS

TO FIND THE LATEST VERSION OF TERRAFORM FOR WINDOWS:



1. BROWSE TO THE DOWNLOAD TERRAFORM PAGE.
2. SELECT THE WINDOWS TAB UNDER THE **OPERATING SYSTEM** HEADING. THE LATEST VERSION IS PRESELECTED.



The screenshot shows the 'Install Terraform' page. At the top, there's a purple Terraform logo and the title 'Install Terraform'. Below the title, it says 'Install or update to v1.3.5 (latest version) of Terraform to get started.' Under the 'Operating System' heading, there are tabs for macOS, Windows, Linux, FreeBSD, OpenBSD, and Solaris. The 'Windows' tab is selected and highlighted with a blue border and a red arrow. To the right of the tabs, a dropdown menu shows '1.3.5 (latest)' with a double arrow icon. Below the operating system tabs, the section 'Binary download for Windows' contains two download options: '386' and 'AMD64'. Each option shows 'Version: 1.3.5' and a 'Download' button with a download icon.

Operating System	Version	Download
macOS		
<b>Windows</b>		
Linux		
FreeBSD		
OpenBSD		
Solaris		

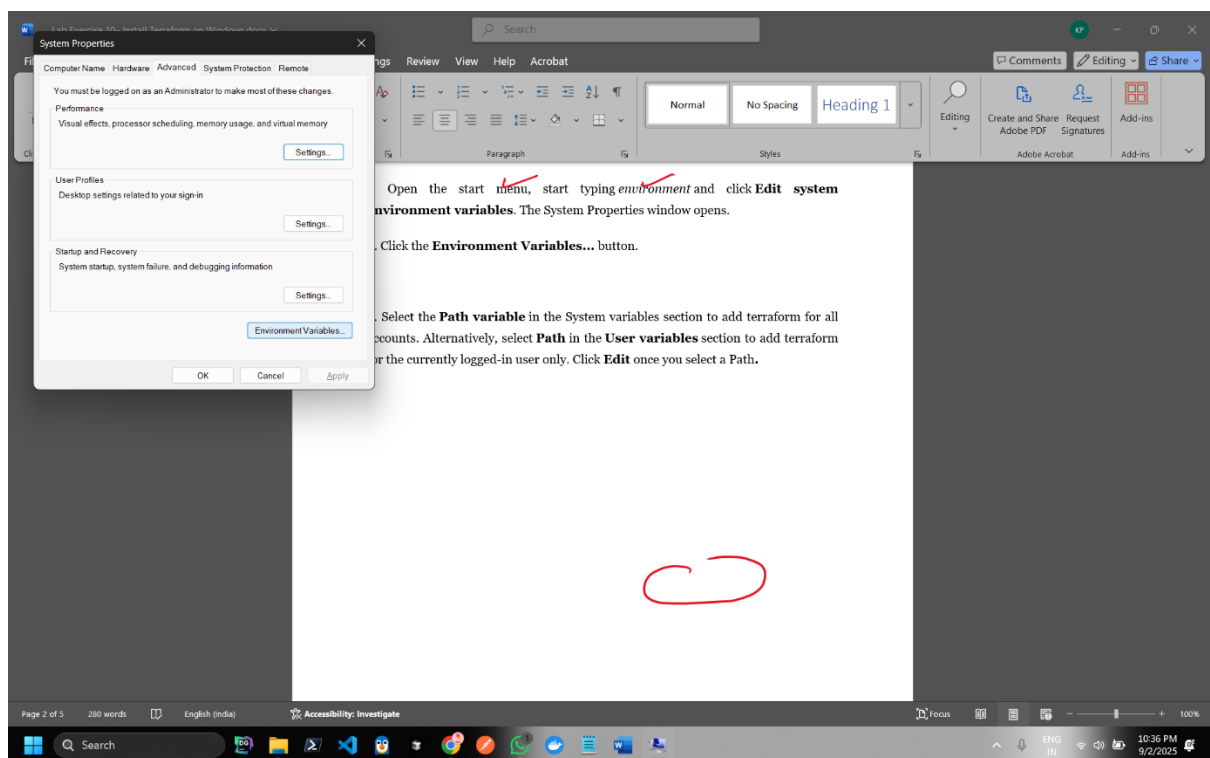
Binary download for Windows	Download
<b>386</b> Version: 1.3.5	Download 
<b>AMD64</b> Version: 1.3.5	Download 

3. CHOOSE THE BINARY TO DOWNLOAD. SELECT **386** FOR 32-BIT SYSTEMS OR AMD64 FOR 64-BIT SYSTEMS. CHOOSE THE DOWNLOAD LOCATION FOR THE ZIP FILE IF THE DOWNLOAD DOES NOT START AUTOMATICALLY.
4. UNZIP THE DOWNLOADED FILE. FOR EXAMPLE, USE THE C:\TERRAFORM PATH. REMEMBER THIS LOCATION SO YOU CAN ADD THE PATH TO THE ENVIRONMENT VARIABLES.

# ADD TERRAFORM PATH TO SYSTEM ENVIRONMENT VARIABLES

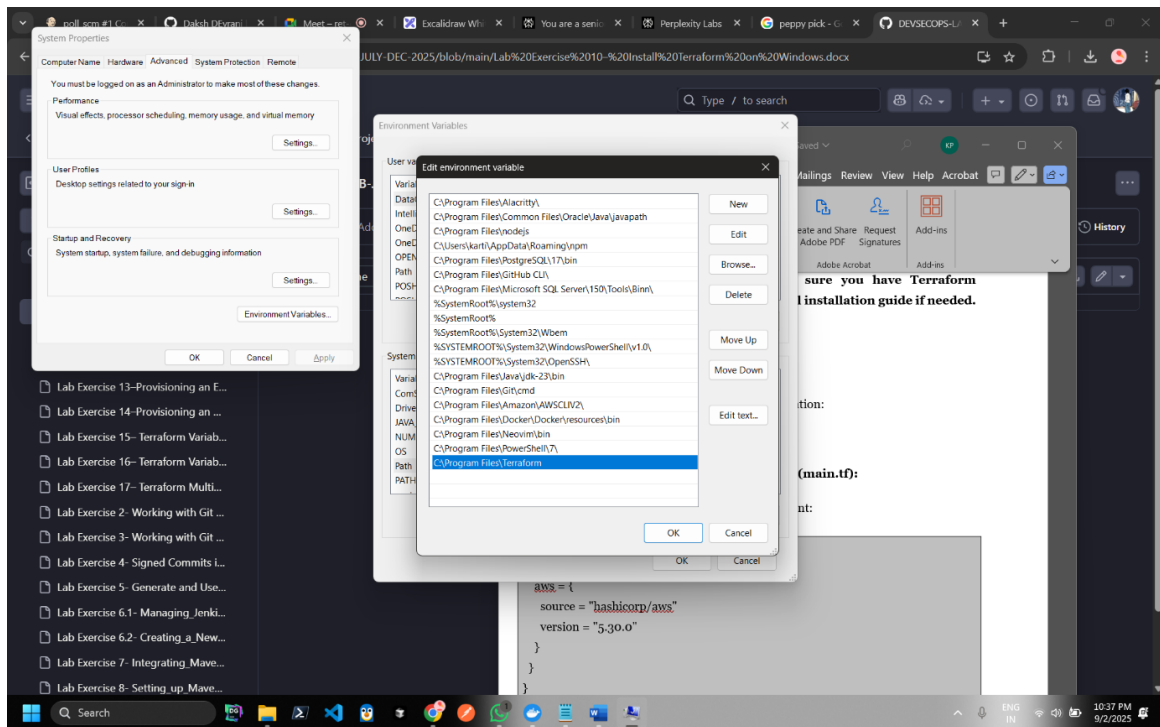
TO ADD THE TERRAFORM EXECUTABLE TO THE SYSTEM'S GLOBAL PATH:

1. OPEN THE START MENU, START TYPING ENVIRONMENT AND CLICK **EDIT SYSTEM ENVIRONMENT VARIABLES**. THE **SYSTEM PROPERTIES** WINDOW OPENS.
2. CLICK THE **ENVIRONMENT VARIABLES...** BUTTON.



3. SELECT THE **PATH VARIABLE** IN THE **SYSTEM VARIABLES** SECTION TO ADD TERRAFORM FOR ALL ACCOUNTS. ALTERNATIVELY, SELECT **PATH** IN THE **USER VARIABLES** SECTION TO ADD TERRAFORM FOR THE CURRENTLY LOGGED-IN USER ONLY. CLICK **EDIT** ONCE YOU SELECT A **PATH**.

4. CLICK **NEW** IN THE EDIT WINDOW AND ENTER THE LOCATION OF THE TERRAFORM FOLDER.



5. CLICK **OK** ON ALL WINDOWS TO APPLY THE CHANGES.

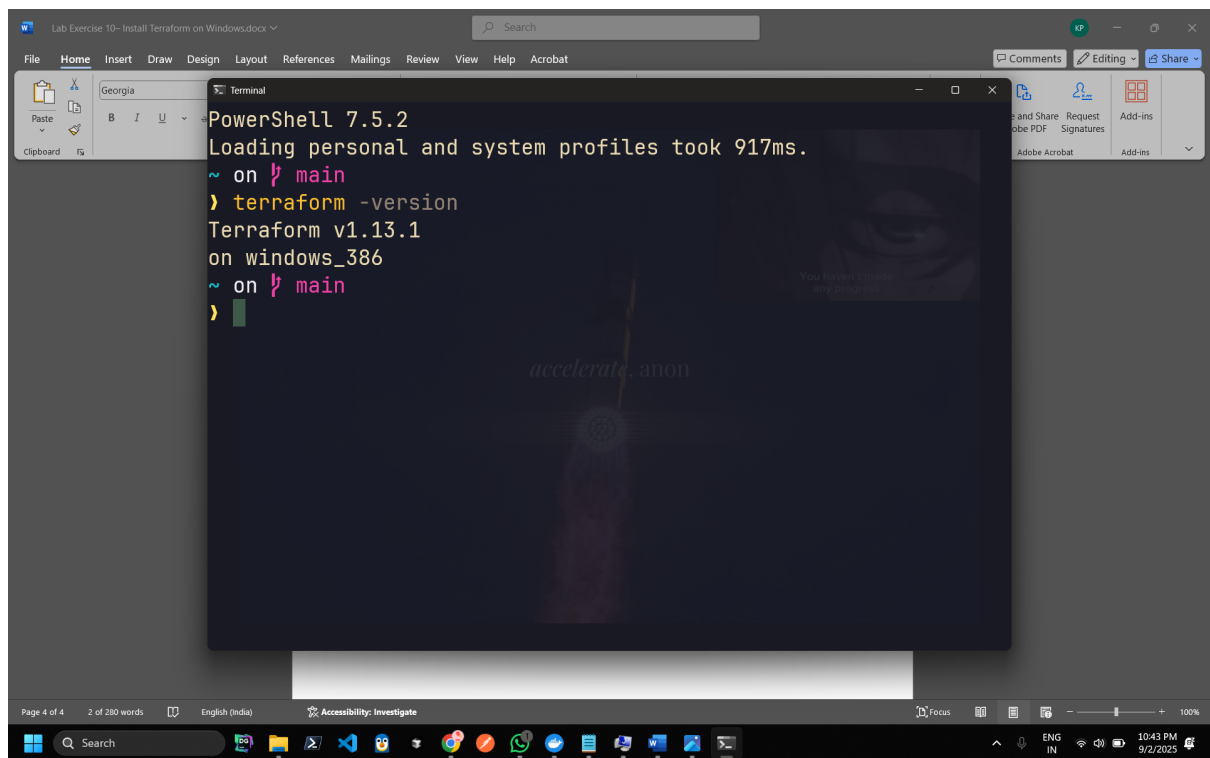
## VERIFY WINDOWS TERRAFORM INSTALLATION

TO CHECK THE TERRAFORM GLOBAL PATH CONFIGURATION:

1. OPEN A NEW COMMAND-PROMPT WINDOW.

2. ENTER THE COMMAND TO CHECK THE TERRAFORM VERSION: **TERRAFORM -VERSION**

**TERRAFORM -VERSION**



```
PowerShell 7.5.2
Loading personal and system profiles took 917ms.
~ on ~ main
> terraform -version
Terraform v1.13.1
on windows_386
~ on ~ main
>
```

**THE OUTPUT SHOWS THE TERRAFORM VERSION YOU DOWNLOADED AND INSTALLED ON YOUR WINDOWS MACHINE.**