

VIM DOCUMENTATION

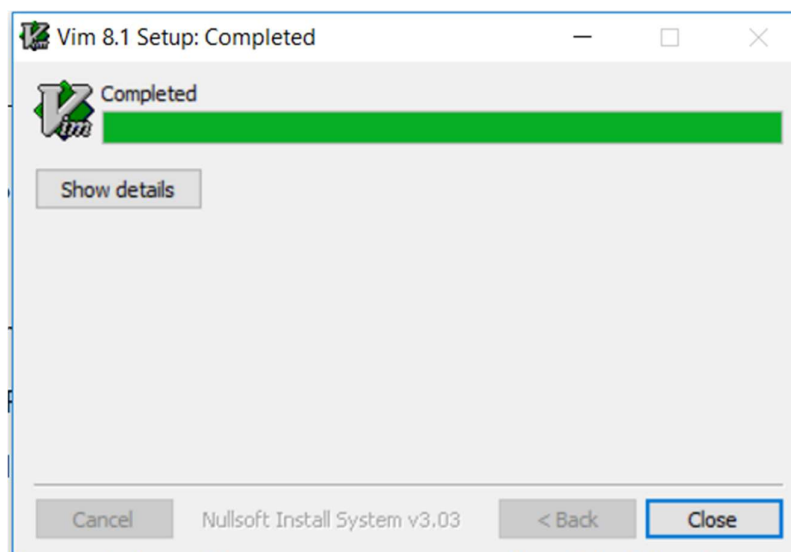
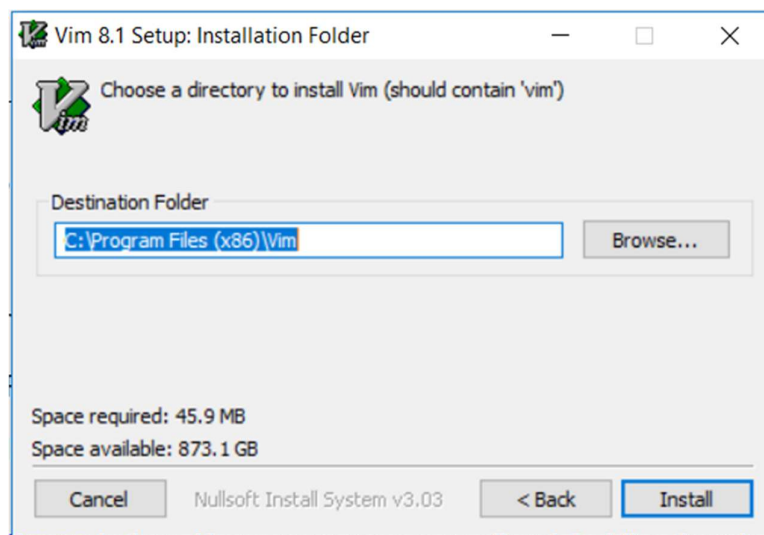
Vim was made available in 1991 and is a free, open source software. Available both as a command line interface and as a standalone program with a GUI, Vim is a text editor that is a modal version of the vi editor created for Unix in the 1970s; Vim stands for vi improved. While it was designed with Unix in mind, versions of it are available for most operating systems.

INSTALLATION OF VIM EDITOR :

Step – 1 : Download the executable file of Vim editor from :

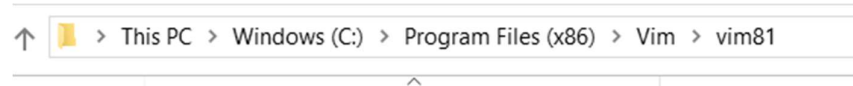
<https://www.vim.org/download.php>

Step -2 : Install the vim editor.

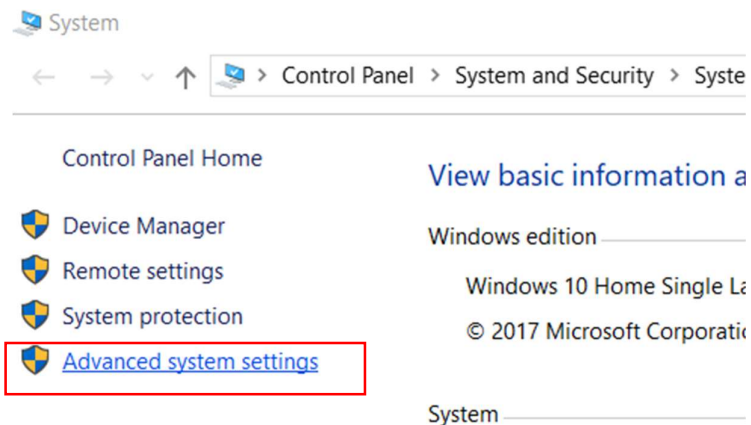


Step – 3: Now set the path so as to be able to use Vim Editor from the PowerShell.

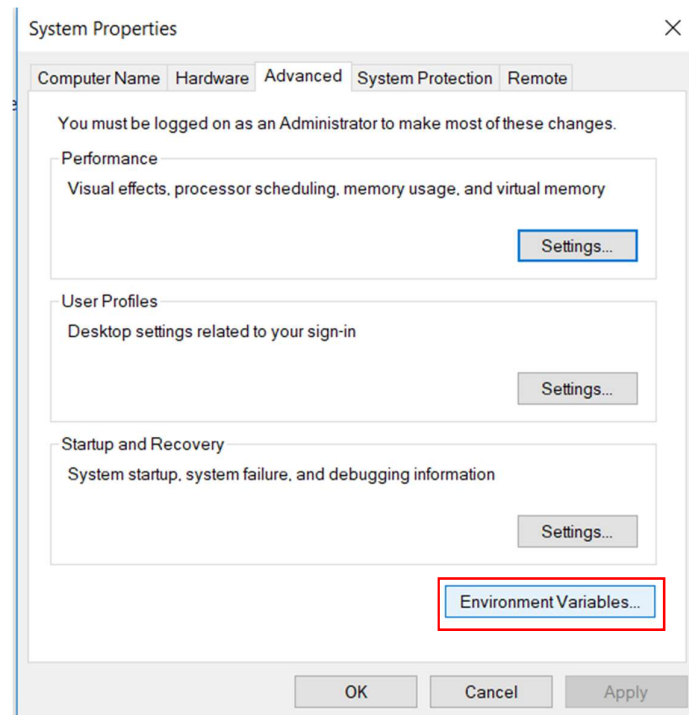
1. Copy the path where vim is installed.



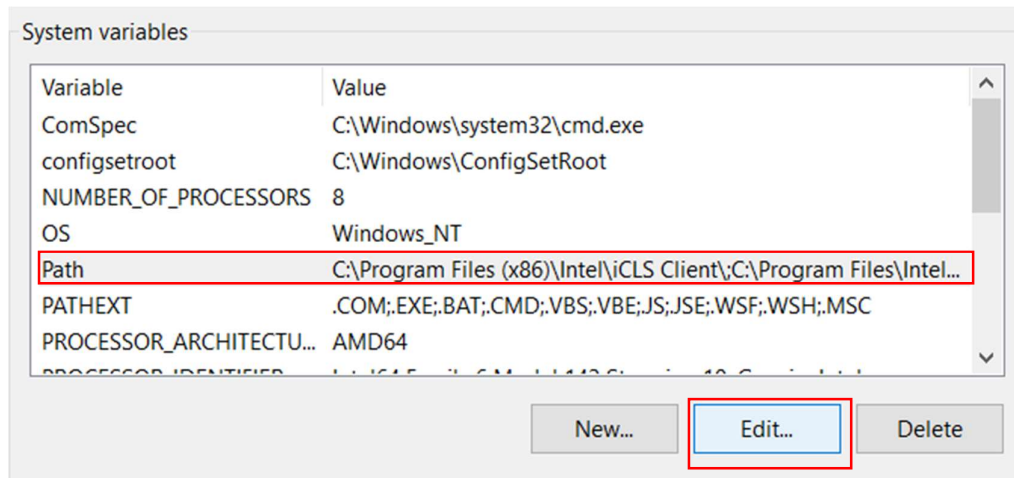
2. This PC -> Properties -> Advanced Properties



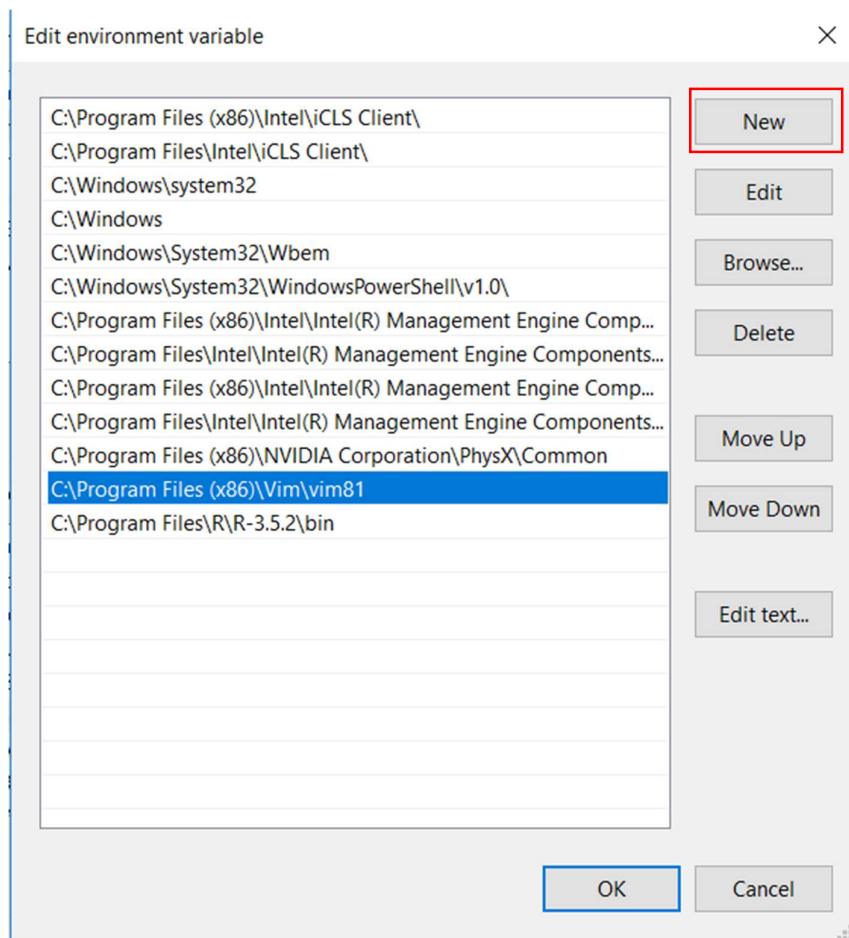
3. Go to Environment Variables.



4. Edit the Path in System Variables.



5. Click New and Paste the copied Path.



6. Click OK and the path is set.

While practicing for Python we will need to write codes into files through vim editor. Therefore, it is important to know some commands that will come in handy during the training.

INSERT MODE : Press 'i' for insert mode. Text can only be entered in the insert mode.

COMMAND MODE : This is the default mode that we get into on opening Vim. **To go to command mode, press the Escape key.** This mode allows you to use vim commands and move through the document.

:help [keyword] - Performs a search of help documentation for whatever keyword you enter

:e [file] - Opens a file, where [file] is the name of the file you want opened

:w - Saves the file you are working on

:w [filename] - Allows you to save your file with the name you've defined

:wq - Save your file and close Vim

:q! - Quit without first saving the file you were working on

VIM COMMANDS FOR EDITING

yy - Copies a line

yw - Copies a word

y\$ - Copies from where your cursor is to the end of a line

v - Highlight one character at a time using arrow buttons

V - Highlights one line, and movement keys can allow you to highlight additional lines

p - Paste whatever has been copied to the unnamed register

d - Deletes highlighted text

dd - Deletes a line of text

dw - Deletes a word

D - Deletes everything from where your cursor is to the end of the line

d0 - Deletes everything from where your cursor is to the beginning of the line

dgg - Deletes everything from where your cursor is to the beginning of the file

dG - Deletes everything from where your cursor is to the end of the file

x - Deletes a single character

VIM COMMANDS FOR SEARCHING

Like many other text editors, Vim allows you to search your text and find and replace text within a document.

/[keyword] - Searches for text in the document where keyword is whatever keyword, phrase or string of characters you're looking for

?[keyword] - Searches previous text for your keyword, phrase or character string

n - Searches your text again in whatever direction your last search was

N - Searches your text again in the opposite direction

:%s/[pattern]/[replacement]/g - This replaces all occurrences of a pattern without confirming each one

:%s/[pattern]/[replacement]/gc - Replaces all occurrences of a pattern and confirms each one