

**Command line Module**

I really don’t know how long this will take so buckle up!

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**Day 1**

* **What is Terminal?**

**Terminal aka command line aka command line interface (CLI) is the oldest interface of known in computer history. It is used to receive**[**commands**](https://en.wikipedia.org/wiki/Command_(computing))**from a user in the form of lines of text.**

**Now a days Graphical user interfaces (GUI) is trending and many users practice using GUI but terminal stands a vital role when you’re a developer because it has many real world applications.**

**Terminal is known in many names across various platforms like**

|  |  |  |
| --- | --- | --- |
| platform | Names | images |
| Windows  Windows logo and symbol, meaning, history, PNG | Command prompt\*  PowerShell  Terminal\*\* | [POWERSHELL](https://upload.wikimedia.org/wikipedia/commons/d/d5/Windows_PowerShell_1.0_PD.png)  [COMMAND PROMPT](https://helpdeskgeek.com/wp-content/pictures/2019/02/ping-command.png) |
| Mac OS  Mac os Logos | Terminal  Xterm | [TERMINAL](https://cdn2.macpaw.com/images/content/Screen%20Shot%202021-09-03%20at%2014.32.58_1630671309.png) |
| Linux  Linux logo - Free animals icons | Gnome-terminal  Terminal  Xterm  (varies based on the flavor of Linux) | [GNOME TERMINAL](https://itsfoss.com/wp-content/uploads/2015/10/display-linux-logo-ascii-terminal-800x450.jpeg) |

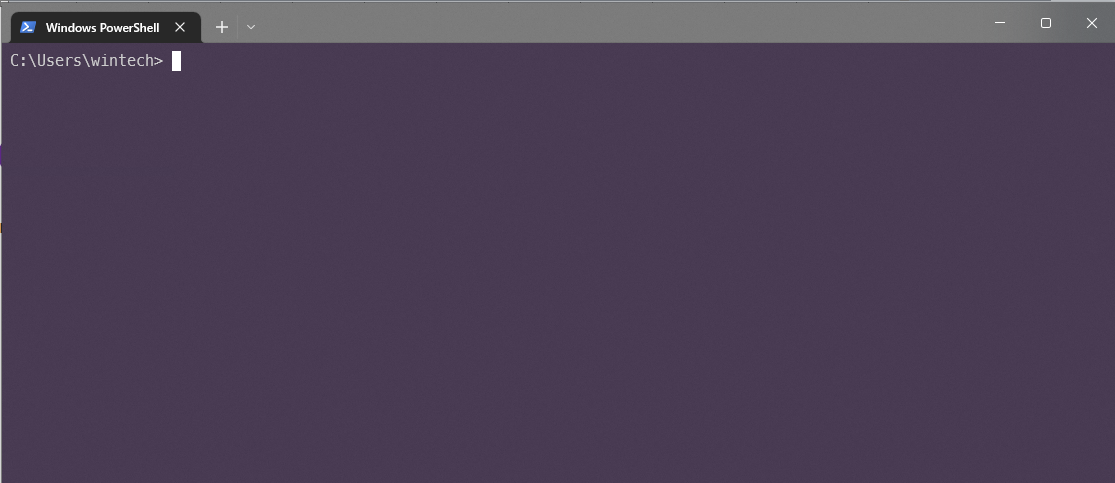
\*command prompt is legacy software, users use PowerShell instead

\*\* Terminal app is a new app released by Microsoft

* **Components of terminal**

Components of terminal varies from platform to platform, we’ll cover every platform here

1. Windows (PowerShell) :



This is PowerShell, The components is as follows:



* 1. This is the current working directory, if the terminal is newly opened then the current working directory is also known as the root or home directory