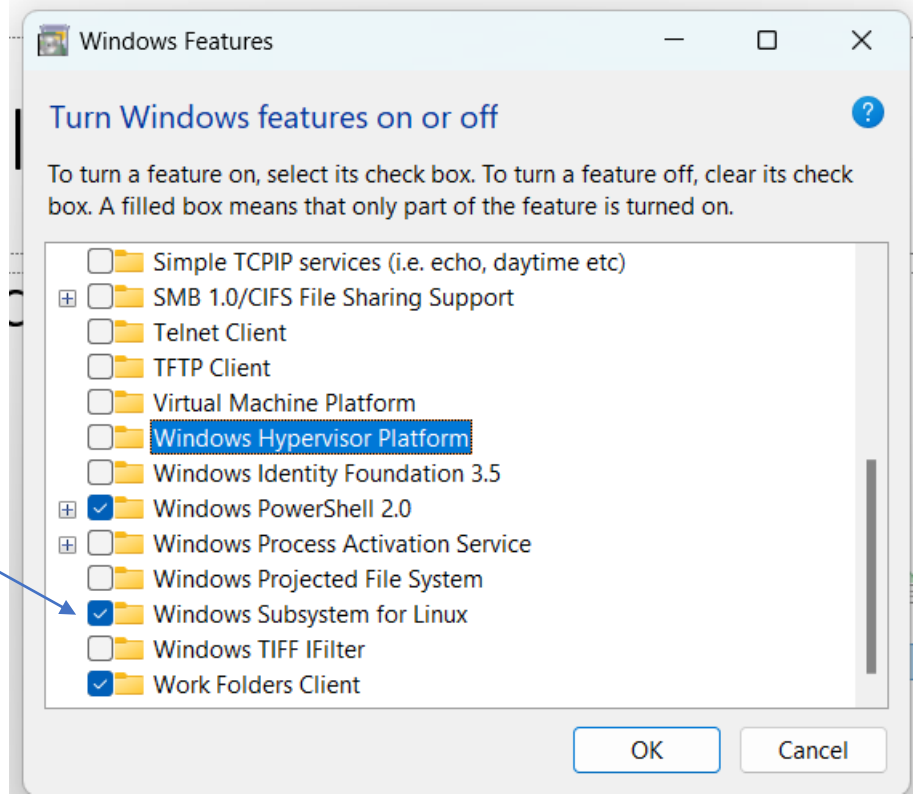
Linux Installation on Windows

System Requirements

- A 64-bit version of Windows 11
- An active internet connection
- At least 4GB of RAM
- 15GB of free storage

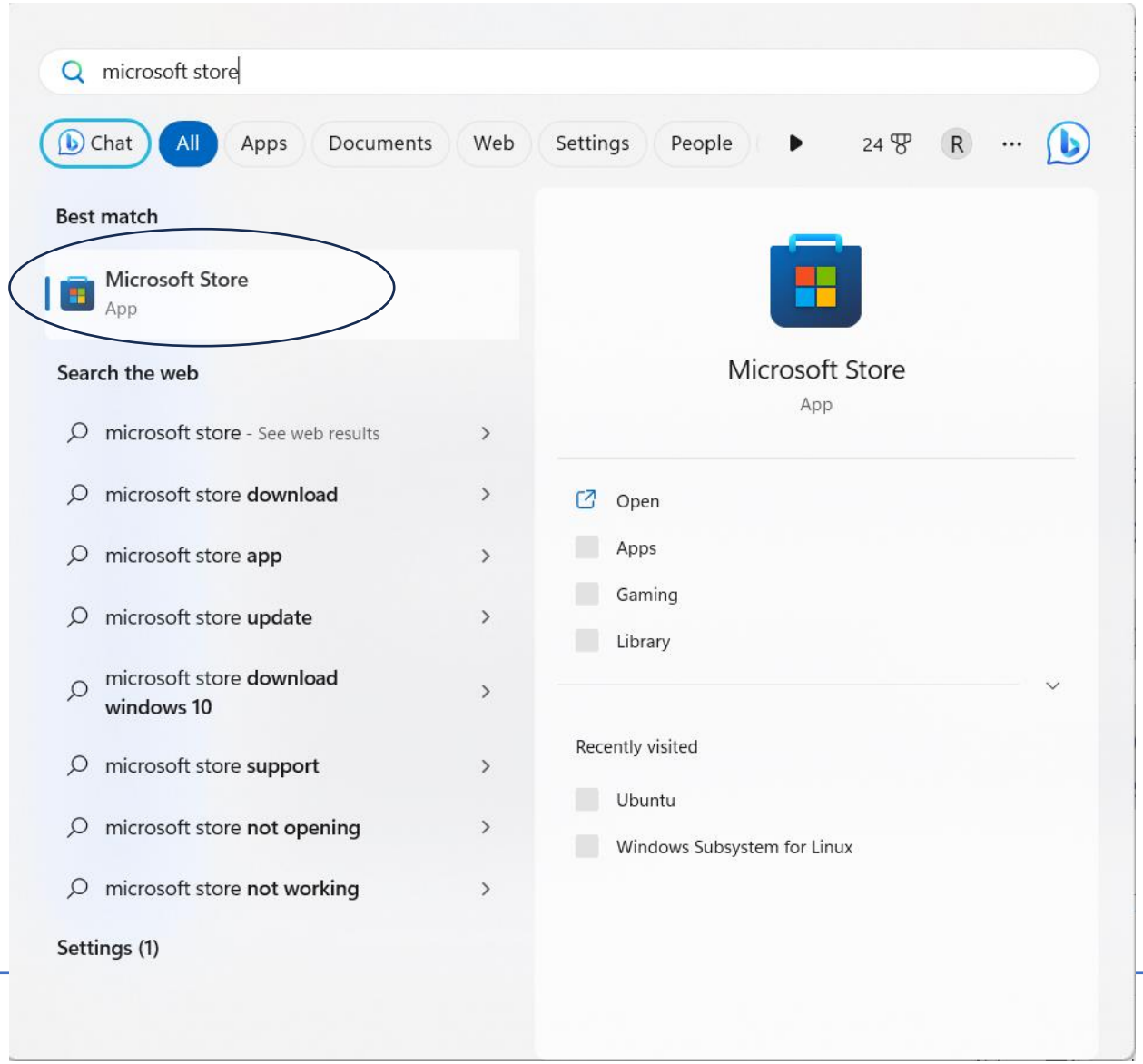
A. Enable Windows Subsystem for Linux

1. Open the Start menu and search for "Windows features".
2. Select "Turn Windows features on or off" from the search results.
3. Scroll down and locate "Windows Subsystem for Linux".
4. Check the box next to it and click "OK".
5. Restart your computer when prompted



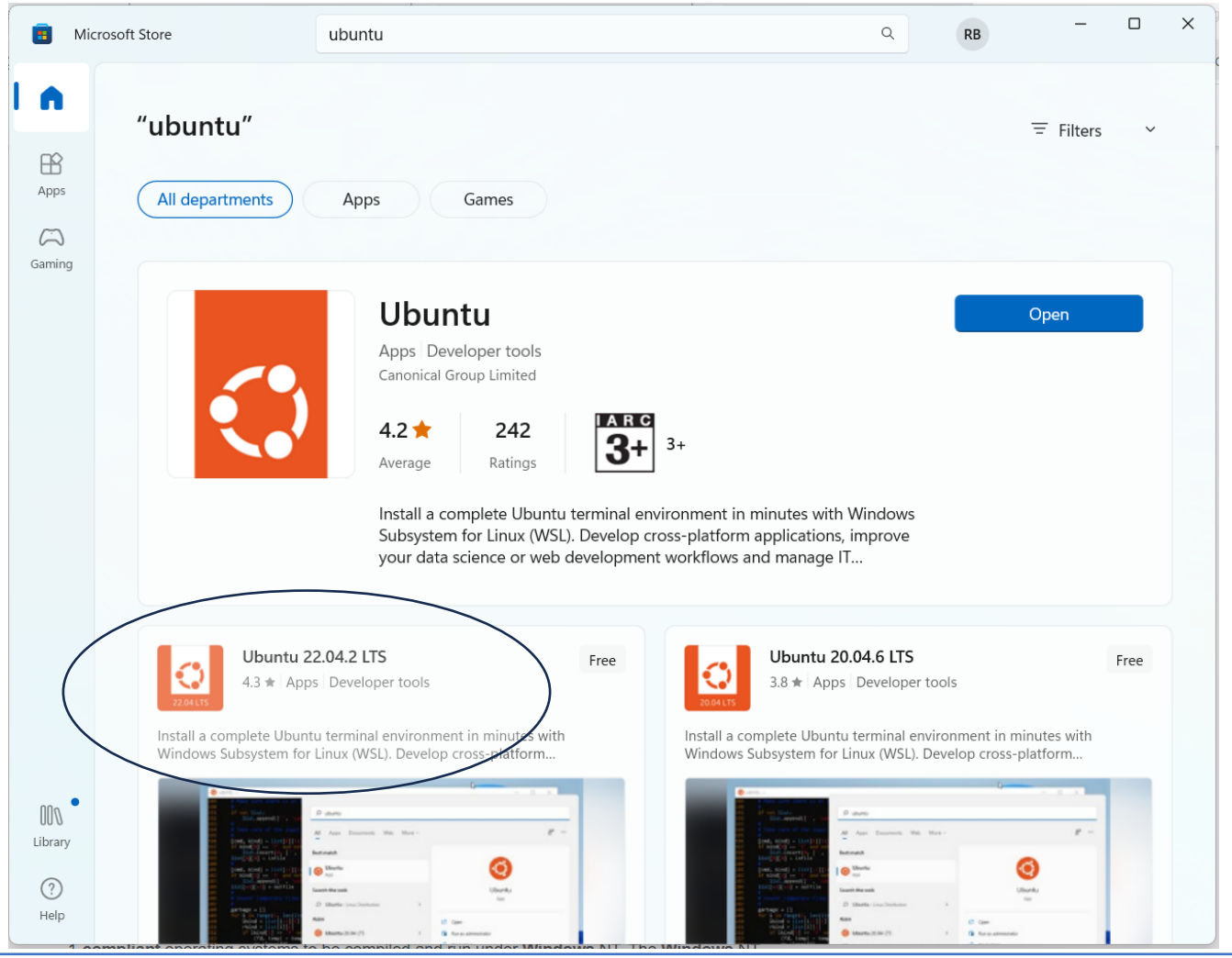
B.1 Install Ubuntu on Windows 11

Open Microsoft Store and search for "Ubuntu".



B.2 Install Ubuntu on Windows 11

Select "Ubuntu 22.04.02 LTS" from the search results and click "Get".



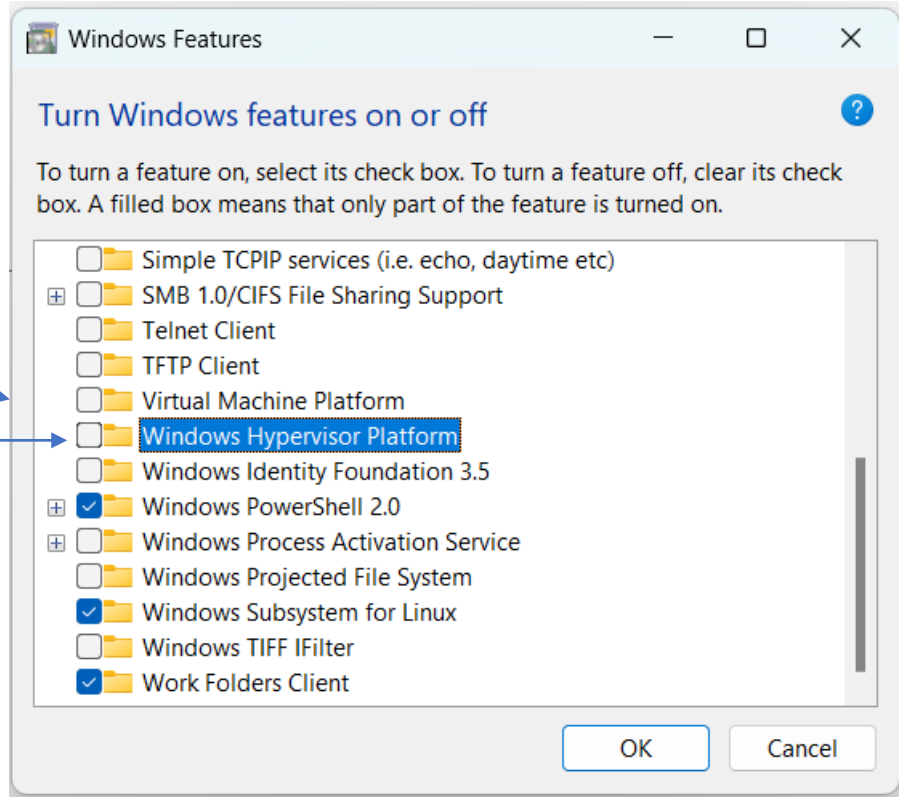
B.3 Install Ubuntu on Windows 11

The first time you launch Ubuntu, it will take some time to set up. Wait for the installation to complete.

After the installation is complete, you will be prompted to create a new user account and password. Follow the on-screen instructions to complete the setup.

C. Enable Virtual Machine and Hypervisor Platform

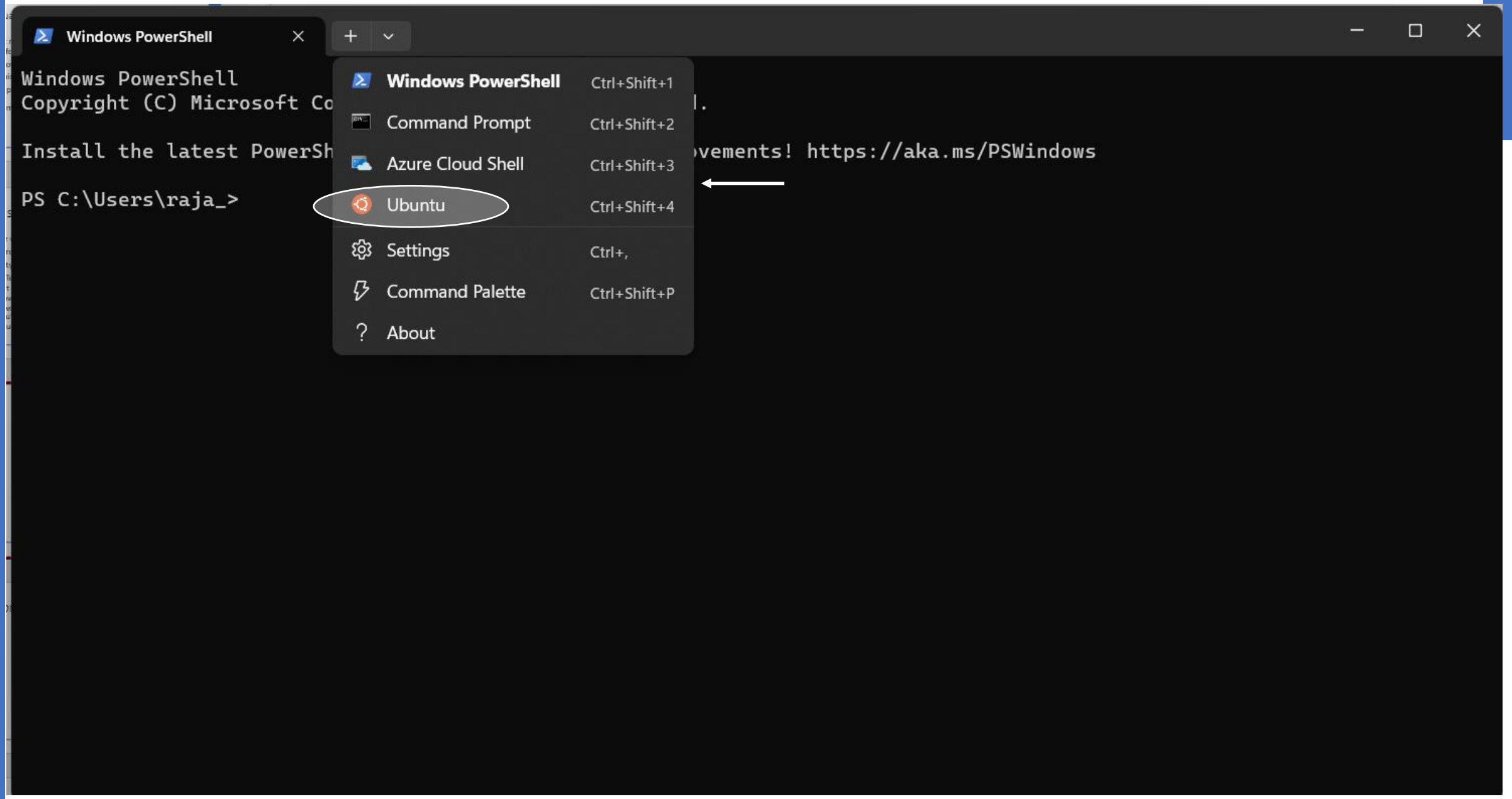
1. Open the Start menu and search for "Windows features".
2. Enable the following two
   1) Virtual Machine Platform
   2) Windows Hypervisor Platform
3. Restart your computer when prompted

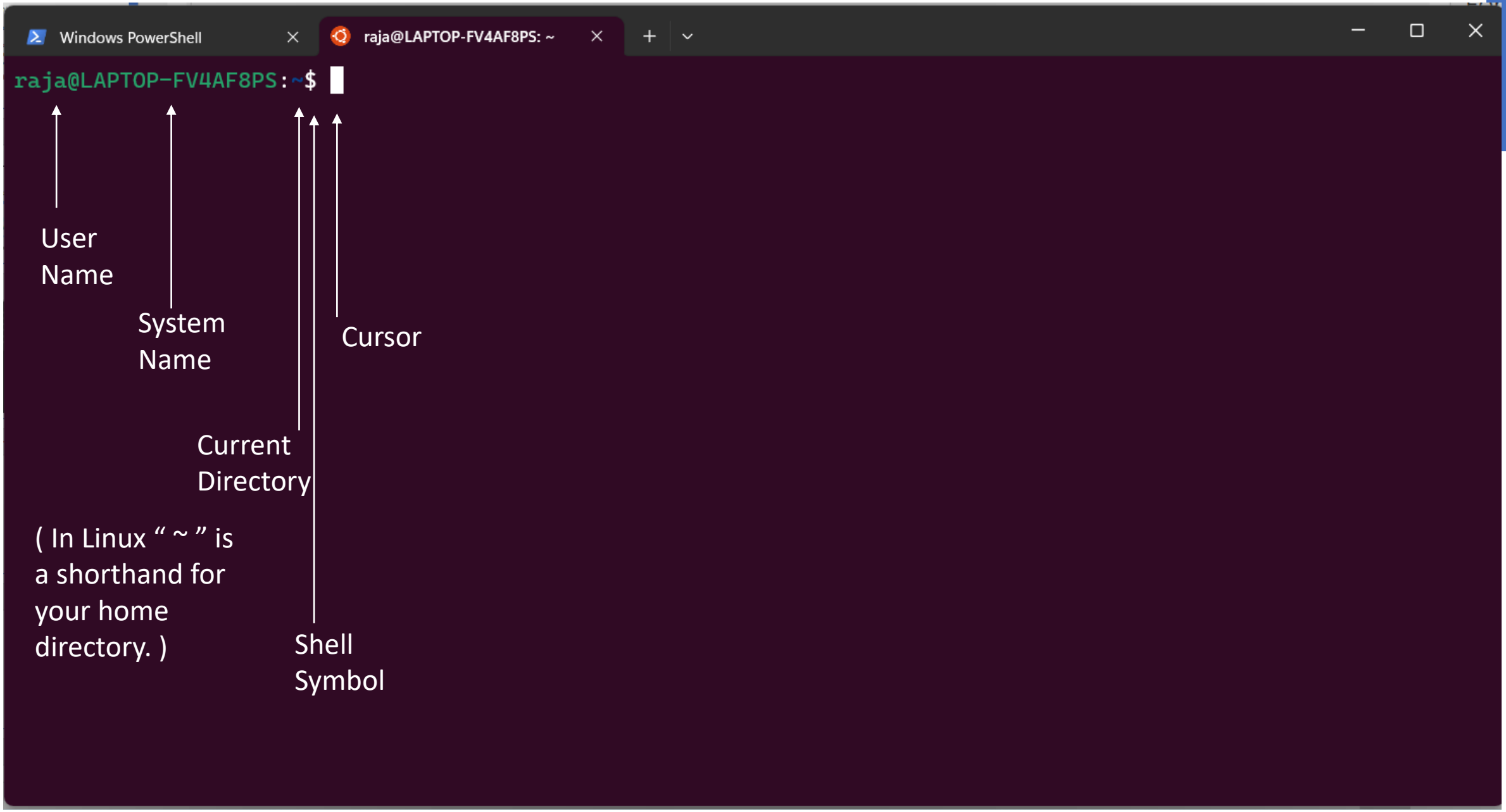


D. How to use Ubuntu

There are multiple ways.

1. In command prompt, type ubuntu and hit enter key OR
2. In search box, type ubuntu and hit enter key or
3. Use Windows Terminal
    1. Open the Start menu and search for "Windows Terminal".
    2. Select "Windows Terminal" from the search results.
    3. In the Windows Terminal, click on the down arrow next to the "+" sign and select "Ubuntu".
    4. Ubuntu will launch in a new tab in the Windows Terminal.

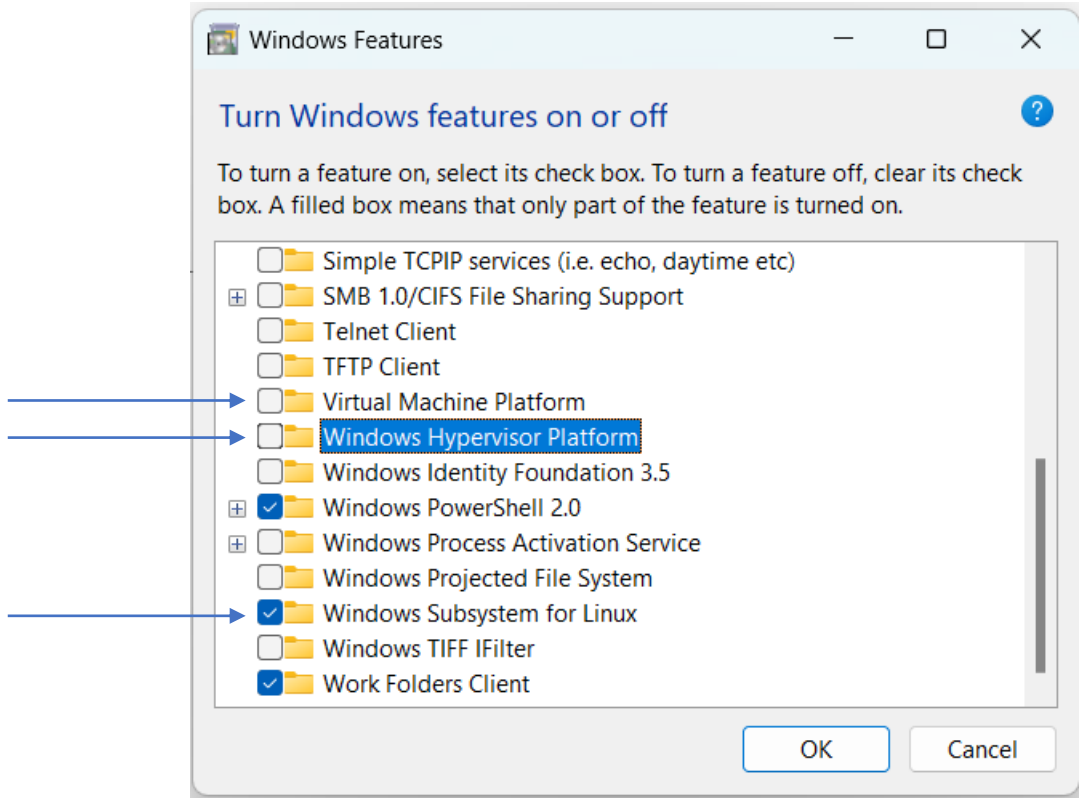

Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Co
Install the latest PowerSh
vements! https://aka.ms/PSWindows
PS C:\Users\raja_>
Windows PowerShell Ctrl+Shift+1
Command Prompt Ctrl+Shift+2
Azure Cloud Shell Ctrl+Shift+3
Ubuntu Ctrl+Shift+4
Settings Ctrl+,
Command Palette Ctrl+Shift+P
About


Windows PowerShell
raja@LAPTOP-FV4AF8PS: ~
raja@LAPTOP-FV4AF8PS:~$
User Name
System Name
Current Directory
Cursor
(In Linux " ~ " is a shorthand for your home directory.)
Shell Symbol

Important

It is good to run Linux on need basis. For this, you need to disable the three features right after completing Linux work. Turn them on when you need to use Linux.

When you enable or disable these features, Windows will restart.



Thank You