

## Project-1

```
pavan@5b3d002ed32e50d: ~  
C:\Users\Administrator>wsl --install  
Ubuntu is already installed.  
Launching Ubuntu...  
pavan@5b3d002ed32e50d:~$ user  
Command 'user' not found, did you mean:  
  command 'fuser' from deb psmisc (23.6-1)  
  command 'users' from deb coreutils (9.4-2ubuntu2)  
  command 'userv' from deb userv (1.2.1~beta4)  
  command 'iuser' from deb ipmiutil (3.1.9-3)  
Try: sudo apt install <deb name>  
pavan@5b3d002ed32e50d:~$ users  
pavan  
pavan@5b3d002ed32e50d:~$  
pavan@5b3d002ed32e50d:~$ grep -E '^(VERSION|NAME)= ' /etc/os-release  
NAME="Ubuntu"  
VERSION="24.04.1 LTS (Noble Numbat)"  
pavan@5b3d002ed32e50d:~$ sudo apt update  
[sudo] password for pavan:  
Get:1 http://security.ubuntu.com/ubuntu noble-security InRelease [126  
kB]  
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease  
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 k  
B]  
Get:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease [1  
26 kB]  
Get:5 http://security.ubuntu.com/ubuntu noble-security/main amd64 Com  
ponents [7228 B]  
Get:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Compo  
nents [151 kB]  
Get:7 http://security.ubuntu.com/ubuntu noble-security/universe amd64  
Components [52.0 kB]  
Get:8 http://security.ubuntu.com/ubuntu noble-security/restricted amd  
64 Components [212 B]  
Get:9 http://security.ubuntu.com/ubuntu noble-security/multiverse amd  
64 Components [212 B]  
Activate Windows
```

```
pavan@5b3d002ed32e50d: ~  
  
pavan@5b3d002ed32e50d:~$ sudo apt upgrade  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
Calculating upgrade... Done  
#  
# Patches available for rsync vulnerabilities, including a potential  
RCE,  
# tracked by CVE-2024-12084 through CVE-2024-12088 and CVE-2024-12747  
.  
# For more see: https://ubuntu.com/blog/rsync-remote-code-execution  
#  
The following NEW packages will be installed:  
  ethtool  
The following upgrades have been deferred due to phasing:  
  libpolkit-agent-1-0 libpolkit-gobject-1-0 polkitd  
The following packages will be upgraded:  
  git git-man libnetplan1 libpython3.12-minimal libpython3.12-stdlib  
  libpython3.12t64 netplan-generator netplan.io python3-netplan  
  python3.12 python3.12-minimal rsync  
12 upgraded, 1 newly installed, 0 to remove and 3 not upgraded.  
8 standard LTS security updates  
Need to get 14.0 MB of archives.  
After this operation, 815 kB of additional disk space will be used.  
Do you want to continue? [Y/n] y  
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libpy  
thon3.12t64 amd64 3.12.3-1ubuntu0.4 [2346 kB]  
Get:2 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 pytho  
n3.12 amd64 3.12.3-1ubuntu0.4 [651 kB]  
Get:3 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libpy  
thon3.12-stdlib amd64 3.12.3-1ubuntu0.4 [2068 kB]  
Get:4 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 pytho  
n3.12-minimal amd64 3.12.3-1ubuntu0.4 [2336 kB]  
Get:5 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libpy
```

```
pavan@5b3d002ed32e50d: ~
Processing triggers for libc-bin (2.39-0ubuntu8.3) ...
pavan@5b3d002ed32e50d:~$ sudo apt install apache2 -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64
  libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0
  ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom
  www-browser ufw
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64
  libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0
  ssl-cert
0 upgraded, 10 newly installed, 0 to remove and 3 not upgraded.
Need to get 2084 kB of archives.
After this operation, 8094 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libapr
r1t64 amd64 1.7.2-3.1ubuntu0.1 [108 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1t6
4 amd64 1.6.3-1.1ubuntu7 [91.9 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-d
bd-sqlite3 amd64 1.6.3-1.1ubuntu7 [11.2 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-l
dap amd64 1.6.3-1.1ubuntu7 [9116 B]
Get:5 http://archive.ubuntu.com/ubuntu noble/main amd64 liblua5.4-0 a
md64 5.4.6-3build2 [166 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 apach
e2-bin amd64 2.4.58-1ubuntu8.5 [1329 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 apach
e2-data all 2.4.58-1ubuntu8.5 [163 kB]
-
Activate Windows
```



