

## 1. Blank Terminal

```
student@student-VMware-Virtual-Platform:~$
```

## 2. Installation progress after typing sudo apt-get install telnetd

```
student@student-VMware-Virtual-Platform:~$ sudo apt-get install telnetd
[sudo] password for student:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libllvm17t64 python3-netifaces
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  inetutils-inetd inetutils-telnetd tcpd
The following NEW packages will be installed:
  inetutils-inetd inetutils-telnetd tcpd telnetd
0 upgraded, 4 newly installed, 0 to remove and 1 not upgraded.
Need to get 134 kB of archives.
After this operation, 503 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

## 3. Screenshot showing the successful restart message

```
student@student-VMware-Virtual-Platform:~$ sudo systemctl restart xinetd
sudo systemctl enable xinetd
Synchronizing state of xinetd.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable xinetd
student@student-VMware-Virtual-Platform:~$ █
```

## 4. Screenshot showing telnetd running in the list

```
student@student-VMware-Virtual-Platform:~$ ps aux | grep telnetd
student  12552  0.0  0.0  9144  2248 pts/0    S+   22:29   0:00 grep --color=auto telnetd
student@student-VMware-Virtual-Platform:~$ █
```

## 5. Screenshot showing system's IP address

```
student@student-VMware-Virtual-Platform:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 00:0c:29:fb:09:ea brd ff:ff:ff:ff:ff:ff
    altname enp2s1
    inet 192.168.253.128/24 brd 192.168.253.255 scope global dynamic noprefixroute ens33
        valid_lft 1165sec preferred_lft 1165sec
    inet6 fe80::20c:29ff:fe9a/64 scope link
        valid_lft forever preferred_lft forever
student@student-VMware-Virtual-Platform:~$ █
```

## 6. Screenshot showing the Telnet connection attempt and successful login via Telnet

```
student@student-HP-280-Pro-G6-Microtower-PC:~$ ifconfig
ens1s0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.52.127 netmask 255.255.254.0 broadcast 192.168.53.255
    inet6 fe80::5b47:b71:8fea:87db prefixlen 64 scopeid 0x20<link>
    ether c8:18:03:c1:19:26 txqueuelen 1000 (Ethernet)
    RX packets 83613 bytes 103317045 (103.3 MB)
    RX errors 0 dropped 270 overruns 0 frame 0
    TX packets 22370 bytes 3752921 (3.7 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 2538 bytes 298442 (298.4 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 2538 bytes 298442 (298.4 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

student@student-HP-280-Pro-G6-Microtower-PC:~$ telnet 192.168.52.127
Trying 192.168.52.127...
Connected to 192.168.52.127.
Escape character is '^'.
Ubuntu 22.04.4 LTS
student-HP-280-Pro-G6-Microtower-PC login: student
Password:
Welcome to Ubuntu 22.04.4 LTS (GNU/Linux 6.8.0-45-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

135 updates can be applied immediately.
1 of these updates is a standard security update.
To see these additional updates run: apt list --upgradable

1 updates could not be installed automatically. For more details,
see /var/log/unattended-upgrades/unattended-upgrades.log

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
```