```
user@Ubuntu:~$ cd ~
user@Ubuntu:~$ mkdir my_folder
user@Ubuntu:~$ cd mk_folder
bash: cd: mk_folder: No such file or directory
user@Ubuntu:~$ cd_my_folder
cd_my_folder: command not found
user@Ubuntu:~$ cd my_folder
user@Ubuntu:~/my_folder$ touch file1.txt
user@Ubuntu:~/my_folder$ mv file1.txt file2.txt
user@Ubuntu:~/my_folder$ mv file2.txt ~/
user@Ubuntu:~/my_folder$
```

```
user@Ubuntu:~/my_folder$ mkdir test_dir
user@Ubuntu:~/my_folder$ cd test_dir
user@Ubuntu:~/my_folder/test_dir$ touch file1.txt file2.txt file3.txt
user@Ubuntu:~/my_folder/test_dir$ ls
file1.txt  file2.txt  file3.txt
user@Ubuntu:~/my_folder/test_dir$ cp test_dir/* ~/
cp: cannot stat 'test_dir/*': No such file or directory
user@Ubuntu:~/my_folder/test_dir$ cp * ~/
user@Ubuntu:~/my_folder/test_dir$ cd ..
user@Ubuntu:~/my_folder$ rm -r test_dir
user@Ubuntu:~/my_folder$
```

```
user@Ubuntu:~/my_folder$ touch example.txt
user@Ubuntu:~/my_folder$ nano example.txt
user@Ubuntu:~/my_folder$ cat example.txt
Ytcrjkmrj cnhjt ntrcnf/
user@Ubuntu:~/my_folder$ nano example.txt
user@Ubuntu:~/my_folder$ cat example.txt
111 Ytcrjkmrj cnhjt ntrcnf/
222 kjfhkjdhfkjsdh
333 kjdfhjsdfjs

user@Ubuntu:~/my_folder$ grep "222" example.txt
222 kjfhkjdhfkjsdh
user@Ubuntu:~/my_folder$ wc example.txt
 4  8 64 example.txt
user@Ubuntu:~/my_folder$
```

```
user@Ubuntu:~/my_folder$ touch permissions.txt
user@Ubuntu:~/my_folder$ chmod 600 permissions.txt
user@Ubuntu:~/my_folder$ sudo groupadd new_group
[sudo] password for user:
user@Ubuntu:~/my_folder$ sudo usermod -aG new_group $USER
user@Ubuntu:~/my_folder$ sudo chown $USER:new_group permissions.txt
user@Ubuntu:~/my_folder$
```

```
user@Ubuntu:~/my_folder$ sleep 120 &
[1] 3330
user@Ubuntu:~/my_folder$ ps ax
    PID TTY      STAT   TIME COMMAND
      1 ?        Ss     0:01 /sbin/init splash
      2 ?        S      0:00 [kthreadd]
      3 ?        S      0:00 [pool_workqueue_release]
      4 ?        I<     0:00 [kworker/R-rcu_g]
      5 ?        I<     0:00 [kworker/R-rcu_p]
      6 ?        I<     0:00 [kworker/R-slub_]
      7 ?        I<     0:00 [kworker/R-netns]
     10 ?        I<     0:00 [kworker/0:0H-kblockd]
     11 ?        I      0:00 [kworker/u4:0-ext4-rsv-conversion]
     12 ?        I<     0:00 [kworker/R-mm_pe]
     13 ?        I      0:00 [rcu_tasks_kthread]
     14 ?        I      0:00 [rcu_tasks_rude_kthread]
     15 ?        I      0:00 [rcu_tasks_trace_kthread]
     16 ?        S      0:00 [ksoftirqd/0]
     17 ?        I      0:00 [rcu_preempt]
     18 ?        S      0:00 [migration/0]
     19 ?        S      0:00 [idle_inject/0]
     20 ?        S      0:00 [cpuhp/0]
     21 ?        S      0:00 [cpuhp/1]
     22 ?        S      0:00 [idle_inject/1]
     23 ?        S      0:00 [migration/1]
     24 ?        S      0:00 [ksoftirqd/1]
     28 ?        I      0:00 [kworker/u6:0-flush-8:0]
     29 ?        S      0:00 [kdevtmpfs]
     30 ?        I<     0:00 [kworker/R-inet_]
     32 ?        S      0:00 [kauditd]
     33 ?        S      0:00 [khungtaskd]
     34 ?        S      0:00 [oom_reaper]
     36 ?        I<     0:00 [kworker/R-write]
     37 ?        S      0:00 [kcompactd0]
     38 ?        SN     0:00 [ksmd]
     40 ?        SN     0:00 [khugepaged]
```

```
 2415 ?          I<     0:00 [kworker/u8:1]
 2476 ?          SNsl   0:00 /usr/libexec/tracker-miner-fs-3
 2477 ?          Ssl    0:00 /usr/libexec/xdg-desktop-portal-gnome
 2484 ?          Sl     0:00 /snap/snapd-desktop-integration/253/usr/bin/snapd-d
 2518 ?          Sl     0:00 /usr/bin/gjs -m /usr/share/gnome-shell/org.gnome.Sc
 2533 ?          Ssl    0:00 /usr/libexec/gvfsd-metadata
 2544 ?          Ssl    0:00 /usr/libexec/xdg-desktop-portal-gtk
 2616 ?          S      0:00 /usr/bin/Xwayland :0 -rootless -noreset -accessx -c
 2620 ?          Ssl    0:00 /usr/libexec/gsd-xsettings
 2641 ?          Sl     0:00 /usr/libexec/ibus-x11
 2643 ?          Sl     0:00 /usr/libexec/mutter-x11-frames
 2736 ?          Sl     0:00 /usr/bin/update-notifier
 2861 ?          Sl     0:00 /usr/libexec/gvfsd-recent --spawner :1.20 /org/gtk/
 2879 ?          Ssl    0:00 /usr/libexec/fwupd/fwupd
 2910 ?          Ss     0:00 gpg-agent --homedir /var/lib/fwupd/gnupg --use-stan
 3023 ?          Sl     0:00 gjs /usr/share/gnome-shell/extensions/ding@rasterso
 3070 ?          I      0:00 [kworker/1:1]
 3071 ?          I      0:00 [kworker/u5:1-events_unbound]
 3082 ?          Ssl    0:05 /usr/libexec/gnome-terminal-server
 3090 pts/0      Ss     0:00 bash
 3133 ?          I      0:00 [kworker/0:0-events]
 3136 ?          I      0:00 [kworker/u5:2-events_power_efficient]
 3158 ?          I      0:00 [kworker/u5:0-events_unbound]
 3165 ?          I      0:00 [kworker/1:0-cgroup_destroy]
 3330 pts/0      S      0:00 sleep 120
 3331 pts/0      R+     0:00 ps ax
user@Ubuntu:~/my_folder$ ps aux | grep sleep
user        3330  0.0  0.0  16956  2048 pts/0     S    09:09   0:00 sleep 120
user        3338  0.0  0.0  17944  2304 pts/0     S+   09:10   0:00 grep --color=
auto sleep
user@Ubuntu:~/my_folder$ kill 3330
user@Ubuntu:~/my_folder$ ps aux | grep sleep
user        3340  0.0  0.0  17944  2304 pts/0     S+   09:11   0:00 grep --color=
auto sleep
[1]+  Terminated              sleep 120
user@Ubuntu:~/my_folder$
```

```
user@Ubuntu:~/my_folder$ ip addr show
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group defaul
t 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: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP gr
oup default qlen 1000
    link/ether 08:00:27:c4:87:f2 brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
       valid_lft 83491sec preferred_lft 83491sec
    inet6 fd00::e115:a436:11da:235c/64 scope global temporary dynamic
       valid_lft 86308sec preferred_lft 14308sec
    inet6 fd00::a00:27ff:fec4:87f2/64 scope global dynamic mngtmpaddr
       valid_lft 86308sec preferred_lft 14308sec
    inet6 fe80::a00:27ff:fec4:87f2/64 scope link
       valid_lft forever preferred_lft forever
user@Ubuntu:~/my_folder$ ifconfig
Command 'ifconfig' not found, but can be installed with:
sudo apt install net-tools
user@Ubuntu:~/my_folder$ sudo apt install net-tools
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 23 not upgraded.
Need to get 204 kB of archives.
After this operation, 811 kB of additional disk space will be used.
Get:1 http://ru.archive.ubuntu.com/ubuntu noble/main amd64 net-tools amd64 2.10-
0.1ubuntu4 [204 kB]
Fetched 204 kB in 0s (839 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 149806 files and directories currently installed.)
```

```
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 160  bytes 15205 (15.2 KB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 160  bytes 15205 (15.2 KB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

user@Ubuntu:~/my_folder$ ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=1 ttl=255 time=43.1 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=255 time=43.1 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=255 time=42.6 ms
64 bytes from 8.8.8.8: icmp_seq=4 ttl=255 time=44.5 ms
64 bytes from 8.8.8.8: icmp_seq=5 ttl=255 time=43.9 ms
64 bytes from 8.8.8.8: icmp_seq=6 ttl=255 time=42.4 ms
64 bytes from 8.8.8.8: icmp_seq=7 ttl=255 time=44.2 ms
64 bytes from 8.8.8.8: icmp_seq=8 ttl=255 time=43.2 ms
^C
--- 8.8.8.8 ping statistics ---
8 packets transmitted, 8 received, 0% packet loss, time 7500ms
rtt min/avg/max/mdev = 42.445/43.399/44.509/0.691 ms
user@Ubuntu:~/my_folder$ ss -tuln
Netid  State   Recv-Q  Send-Q   Local Address:Port      Peer Address:Port Process
udp    UNCONN  0       0              0.0.0.0:5353           0.0.0.0:*
udp    UNCONN  0       0          127.0.0.54:53             0.0.0.0:*
udp    UNCONN  0       0        127.0.0.53%lo:53            0.0.0.0:*
udp    UNCONN  0       0              0.0.0.0:41040          0.0.0.0:*
udp    UNCONN  0       0                 [::]:5353             [::]:*
udp    UNCONN  0       0                 [::]:45297            [::]:*
tcp    LISTEN  0       4096     127.0.0.53%lo:53            0.0.0.0:*
tcp    LISTEN  0       4096         127.0.0.1:631            0.0.0.0:*
tcp    LISTEN  0       4096        127.0.0.54:53             0.0.0.0:*
tcp    LISTEN  0       4096              [::1]:631              [::]:*
user@Ubuntu:~/my_folder$
```

```
user@Ubuntu:~/my_folder$ sudo apt install nano
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
nano is already the newest version (7.2-2build1).
nano set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 23 not upgraded.
user@Ubuntu:~/my_folder$ nano
user@Ubuntu:~/my_folder$ nano --version
 GNU nano, version 7.2
 (C) 2023 the Free Software Foundation and various contributors
 Compiled options: --disable-libmagic --enable-utf8
user@Ubuntu:~/my_folder$ sudo apt remove nano
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages will be REMOVED:
  nano
0 upgraded, 0 newly installed, 1 to remove and 23 not upgraded.
After this operation, 856 kB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 149854 files and directories currently installed.)
Removing nano (7.2-2build1) ...
update-alternatives: using /usr/bin/vim.tiny to provide /usr/bin/editor (editor)
 in auto mode
Processing triggers for install-info (7.1-3build2) ...
Processing triggers for man-db (2.12.0-4build2) ...
user@Ubuntu:~/my_folder$
```

```
GNU nano 7.2                        New Buffer









[ Welcome to nano.  For basic help, type Ctrl+G. ]
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^/ Go To Line
```

```
user@Ubuntu:~/my_folder$ tar -czvf archive.tag.gz file1.txt file2.txt file3.txt
file1.txt
file2.txt
file3.txt
user@Ubuntu:~/my_folder$
```

Files

Home / my_folder

archive.tag.gz   example.txt   file1.txt   file2.txt   file3.txt   permissions.txt

Recent
Starred
Home
Documents
Downloads
Music
Pictures
Videos
Trash

Other Locations

"archive.tag.gz" selected (134 bytes)