

Title: Linux Command List Assessment

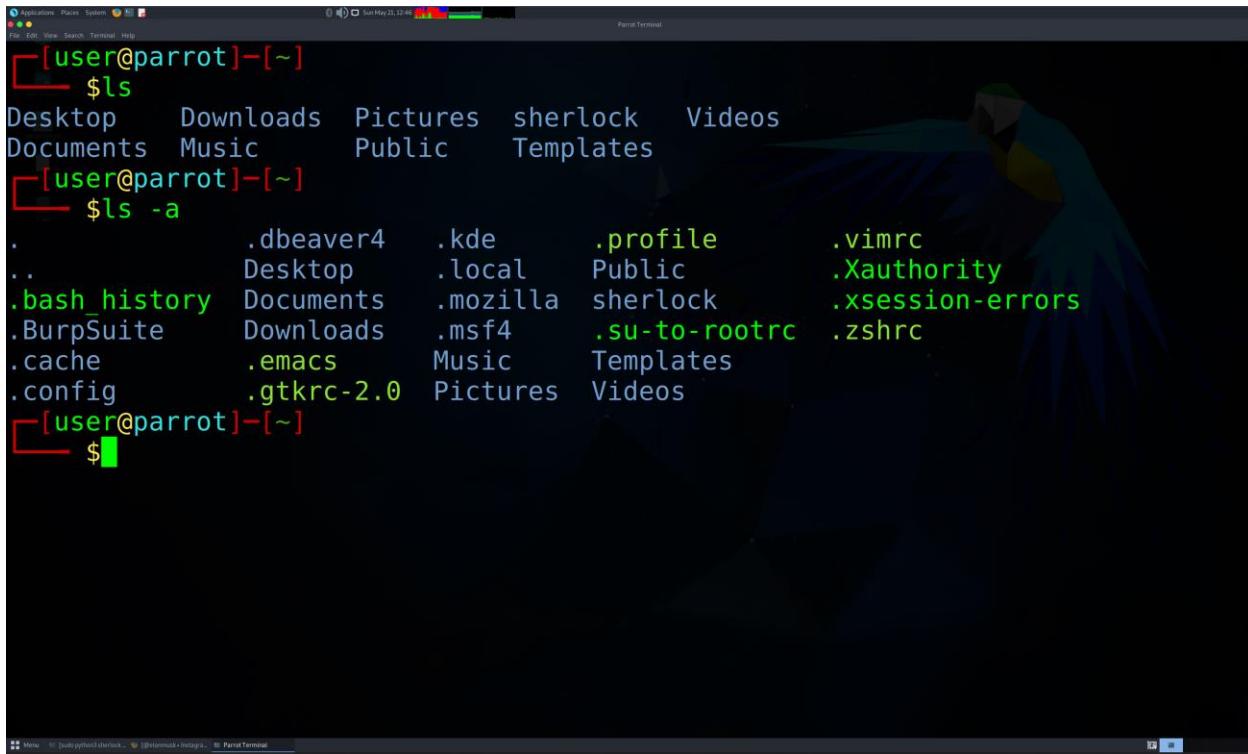
Instructions:-

The following assessment aims to test your understanding and practical knowledge of various Linux commands. Perform the tasks given below using the appropriate commands. Write down the command(s) used to complete each task. You can use any Linux distribution or command-line interface of your choice. Ensure that you provide the correct output or results for each task.

Note: It is recommended to perform this assessment on a Linux machine or virtual environment.

File and Directory Operations:

ls: List files and directories



A screenshot of a Linux desktop environment showing a terminal window. The terminal window has a dark background and light-colored text. The text shows the user's session and the output of the ls command. The user is at the root prompt (~). They run 'ls' to see regular files and 'ls -a' to see all files, including hidden ones. The output lists various directories and files such as Desktop, Downloads, Pictures, sherlock, Videos, .bash_history, .BurpSuite, .cache, .config, .dbeaver4, .emacs, .gtkrc-2.0, .kde, .local, .mozilla, .msf4, .profile, .Public, .sherlock, .su-to-rootrc, .vimrc, .Xauthority, .xsession-errors, and .zshrc.

```
[user@parrot]~$ ls
Desktop  Downloads  Pictures  sherlock  Videos
Documents  Music      Public    Templates
[user@parrot]~$ ls -a
.          .dbeaver4  .kde      .profile      .vimrc
..         Desktop    .local    Public       .Xauthority
.bash_history  Documents  .mozilla  sherlock   .xsession-errors
.BurpSuite    Downloads  .msf4     .su-to-rootrc .zshrc
.cache        .emacs     Music    Templates
.config       .gtkrc-2.0 Pictures  Videos
[user@parrot]~$
```

cd: Change directory

A screenshot of a terminal window titled "Parrot Terminal". The window shows a dark background with a parrot logo. The terminal prompt is "[user@parrot]~". The user enters the command "\$cd" followed by the path "/Downloads". The terminal then displays the new working directory as "[user@parrot]~/Downloads". The terminal window has a standard Linux-style title bar with icons for Applications, Places, System, and Help.

```
[user@parrot]~$cd
[user@parrot]~$cd Downloads
[user@parrot]~/Downloads$
```

pwd: Print working directory

A screenshot of a terminal window titled "Parrot Terminal". The window shows a dark background with a parrot logo. The terminal prompt is "[user@parrot]~". The user first runs the command "\$pwd" which outputs the current working directory as "/home/user/Downloads". They then run "\$pwd -p" which results in an error message from bash stating "bash: pwd: -p: invalid option". Finally, they run "\$pwd -P" which also outputs the current working directory as "/home/user/Downloads". The terminal window has a standard Linux-style title bar with icons for Applications, Places, System, and Help.

```
[user@parrot]~$pwd
/home/user/Downloads
[user@parrot]~$pwd -p
bash: pwd: -p: invalid option
pwd: usage: pwd [-LP]
[x]-[user@parrot]~$pwd -P
/home/user/Downloads
[user@parrot]~$
```

mkdir: Make directory



```
[user@parrot]~[~/Downloads]
└─$ mkdir
mkdir: missing operand
Try 'mkdir --help' for more information.
[x]~[user@parrot]~[~/Downloads]
└─$ mkdir Assignment
[u]~[user@parrot]~[~/Downloads]
└─$
```

touch: Create an empty file



```
[user@parrot]~[~/Downloads]
└─$ touch File1
[u]~[user@parrot]~[~/Downloads]
└─$
```

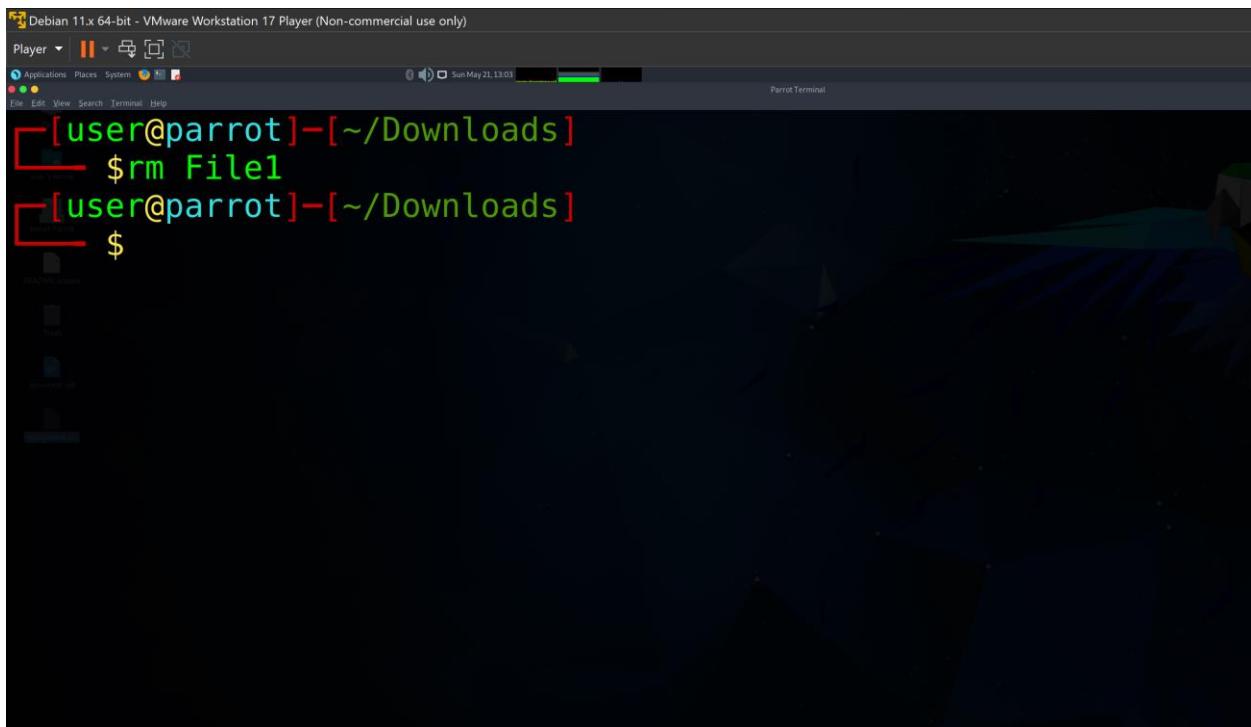
cp: Copy files and directories

```
[user@parrot]~[~/Downloads]
└─$ mkdir Assmt.txt
[user@parrot]~[~/Downloads]
└─$ cp Assmt.txt backup.txt
cp: -r not specified; omitting directory 'Assmt.txt'
[x]~[user@parrot]~[~/Downloads]
└─$ cp -i Assmt.txt backup.txt
cp: -r not specified; omitting directory 'Assmt.txt'
[x]~[user@parrot]~[~/Downloads]
└─$ cp -i Assmt.txt Assignments
cp: -r not specified; omitting directory 'Assmt.txt'
[x]~[user@parrot]~[~/Downloads]
└─$
```

mv: Move or rename files and directories

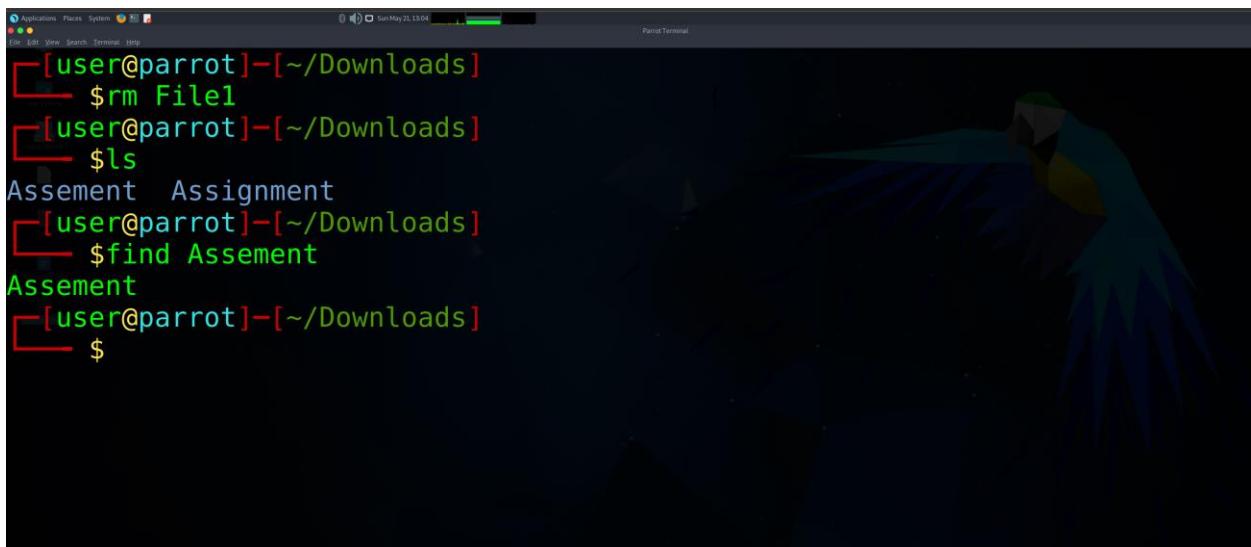
```
[user@parrot]~[~/Downloads]
└─$ mv Assmt.txt Assement
[user@parrot]~[~/Downloads]
└─$
```

rm: Remove files and directories



```
[user@parrot]~$ rm File1
```

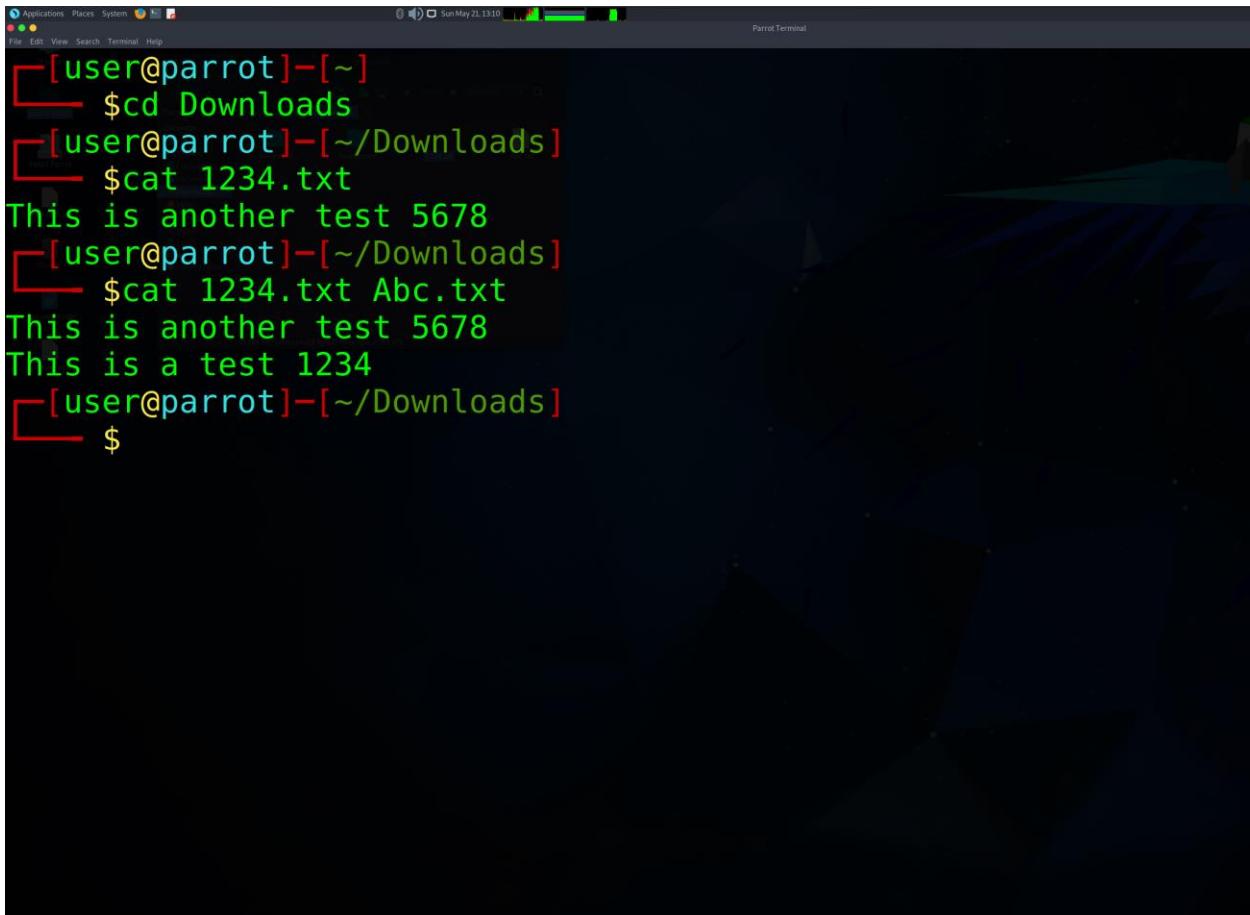
find: Search for files and directories



```
[user@parrot]~$ rm File1
[user@parrot]~$ ls
Assement Assignment
[user@parrot]~$ find Assement
Assement
[user@parrot]~$
```

File Viewing and Editing:

cat: Concatenate and display file content



The screenshot shows a terminal window titled "Parrot Terminal". The terminal is running on a Parrot OS system, as indicated by the desktop environment icons at the top. The terminal window has a dark background with light-colored text. It displays the following session:

```
[user@parrot]~$ cd Downloads
[user@parrot]~/Downloads$ cat 1234.txt
This is another test 5678
[user@parrot]~/Downloads$ cat 1234.txt Abc.txt
This is another test 5678
This is a test 1234
[user@parrot]~/Downloads$ $
```

less: View file content with pagination

```
This is another test 5678  
1234.txt (END)
```

head: Display the beginning of a file

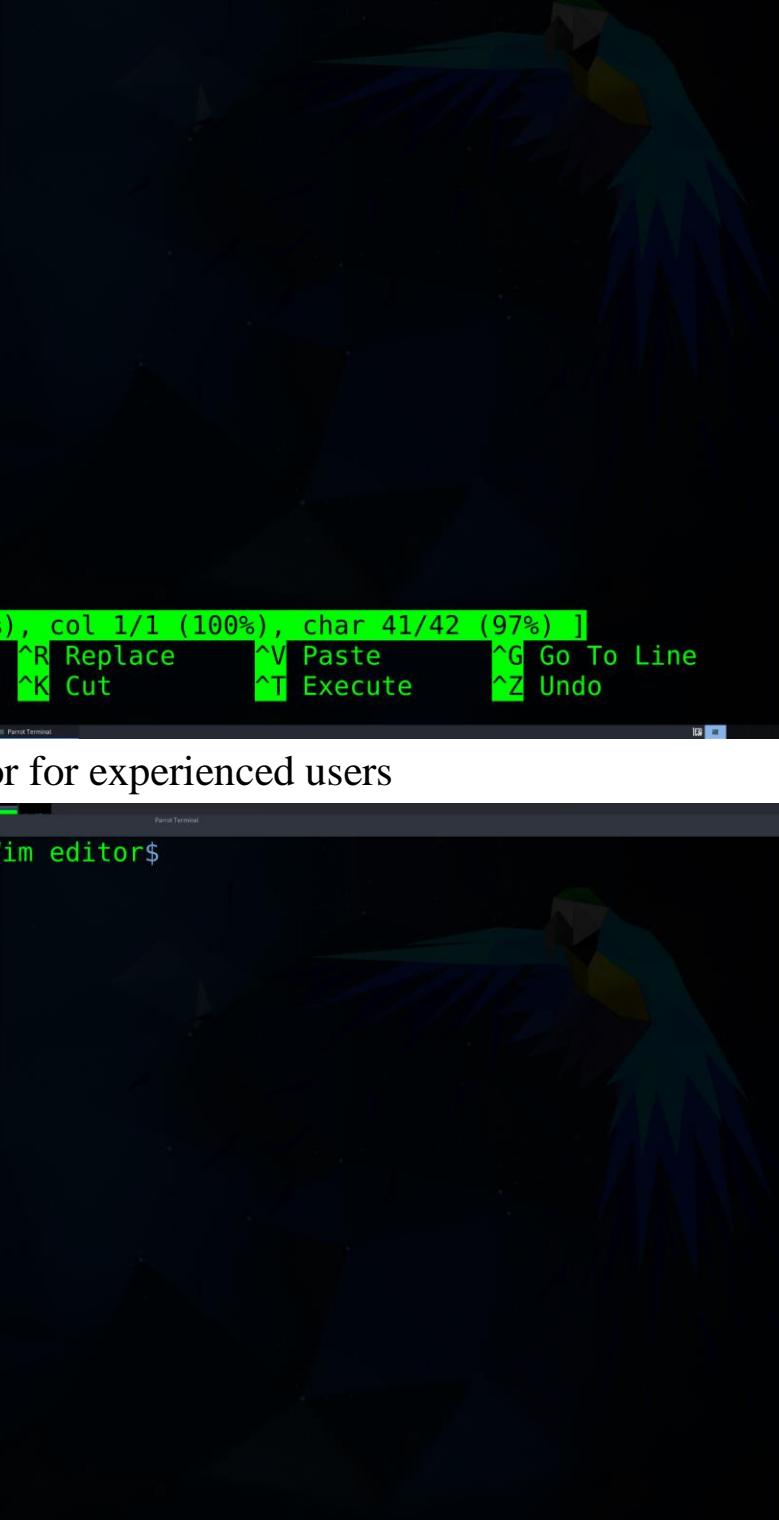
```
[user@parrot]~$ cd Downloads  
[user@parrot]~/Downloads$ head 1234.txt  
This is another test 5678  
[user@parrot]~/Downloads$ $
```

tail: Display the end of a file

The screenshot shows a terminal window titled "Parrot Terminal". The terminal interface includes a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The status bar at the top right shows the date and time as "Sun May 21, 13:12". The main area of the terminal displays the following session:

```
[user@parrot]~$ cd Downloads
[user@parrot]~/Downloads$ head 1234.txt
This is another test 5678
[user@parrot]~/Downloads$ stail 1234.txt
This is another test 5678
[user@parrot]~/Downloads$ $
```

nano: Text editor for creating and editing files



```
Applications Places System Terminal
File Edit View Search Terminal Help
GNU nano 5.4          New Buffer *
This is just a test
1
2
3
4
5
6
7
8
9
10
[ line 12/13 (92%), col 1/1 (100%), char 41/42 (97%)]
^H Help      ^O Read File   ^R Replace   ^V Paste    ^G Go To Line
^X Exit     ^F Where Is    ^K Cut       ^T Execute  ^Z Undo
```

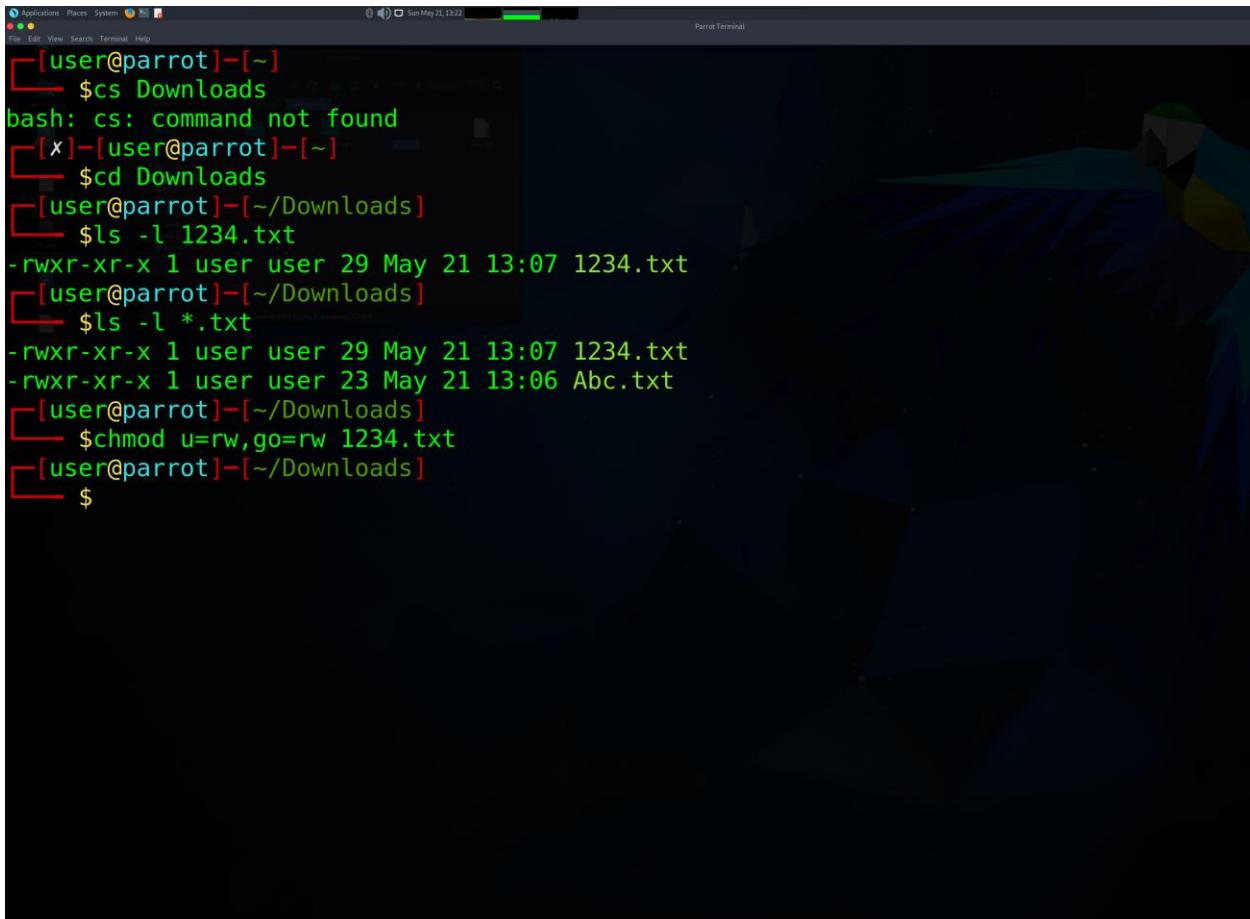
vi/vim: Powerful text editor for experienced users



```
Applications Places System Terminal
File Edit View Search Terminal Help
1 This is a test. This is Vim editor$
```

File Permissions:

chmod: Change file permissions



The screenshot shows a terminal window titled "Parrot Terminal" with a dark background. The terminal output is as follows:

```
[user@parrot]~$ cs Downloads
bash: cs: command not found
[x]~[user@parrot]~$ cd Downloads
[user@parrot]~/Downloads$ ls -l 1234.txt
-rwxr-xr-x 1 user user 29 May 21 13:07 1234.txt
[user@parrot]~/Downloads$ ls -l *.txt
-rwxr-xr-x 1 user user 29 May 21 13:07 1234.txt
-rwxr-xr-x 1 user user 23 May 21 13:06 Abc.txt
[user@parrot]~/Downloads$ chmod u=rw,go=rw 1234.txt
[user@parrot]~/Downloads$
```

chown: Change file owner

```
[user@parrot]~]$cs Downloads
bash: cs: command not found
[x]~[user@parrot]~$cd Downloads
[user@parrot]~/Downloads]$ls -l 1234.txt
-rwxr-xr-x 1 user user 29 May 21 13:07 1234.txt
[user@parrot]~/Downloads]$ls -l *.txt
-rwxr-xr-x 1 user user 29 May 21 13:07 1234.txt
-rwxr-xr-x 1 user user 23 May 21 13:06 Abc.txt
[user@parrot]~/Downloads]$chmod u=rw,go=rw 1234.txt
[user@parrot]~/Downloads]$chown 1234.txt
chown: missing operand after '1234.txt'
Try 'chown --help' for more information.
[x]~[user@parrot]~/Downloads]$chown ElonMusk 1234.txt
chown: invalid user: 'ElonMusk'
[x]~[user@parrot]~/Downloads]$chown parrot 1234.txt
chown: invalid user: 'parrot'
[x]~[user@parrot]~/Downloads]$chown user 1234.txt
[user@parrot]~/Downloads]$
```

chgrp: Change file group

```
[x]~[root@parrot]~/home/user/Downloads]$#sudo chgrp user 1234.txt
[root@parrot]~/home/user/Downloads]$#
```

File Compression and Archiving:

tar: Archive files

```
[root@parrot]~/Downloads]
└ #tar cvf file.tar *.txt
1234.txt
Abc.txt
[root@parrot]~/Downloads]
└ #
```

gzip: Compress files

```
[root@parrot]~/Downloads]
└ #gzip 1234.txt
[root@parrot]~/Downloads]
└ #
```

unzip: Extract files from a ZIP archive

```
[x]-[root@parrot]~/Downloads]
└ #ls
1234.txt.gz Abc.txt Assement Assignment file.tar
[root@parrot]~/Downloads]
└ #unzip 1234.txt.gz
Archive: 1234.txt.gz
End-of-central-directory signature not found. Either this file is not
a zipfile, or it constitutes one disk of a multi-part archive. In the
latter case the central directory and zipfile comment will be found on
the last disk(s) of this archive.
unzip: cannot find zipfile directory in one of 1234.txt.gz or
1234.txt.gz.zip, and cannot find 1234.txt.gz.ZIP, period.
[x]-[root@parrot]~/Downloads]
└ #unzip 1234.txt.gz.zip
unzip: cannot find or open 1234.txt.gz.zip, 1234.txt.gz.zip.zip or 1234.txt.gz.zip.ZIP.
[x]-[root@parrot]~/Downloads]
└ #
```

Process Management:

ps: List running processes

```
[root@parrot]~[/home/user/Downloads]
#ps
 PID TTY      TIME CMD
 71383 pts/2    00:00:00 sudo
 71384 pts/2    00:00:00 su
 71385 pts/2    00:00:00 bash
 71542 pts/2    00:00:00 ps
[root@parrot]~[/home/user/Downloads]
#
```

top: Display real-time system information and processes

```
top - 13:41:03 up 1:41, 2 users, load average: 0.15, 0.28, 0.32
Tasks: 200 total, 1 running, 199 sleeping, 0 stopped, 0 zombie
%Cpu(s): 5.6 us, 11.1 sy, 0.0 ni, 83.3 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 7920.8 total, 3780.5 free, 1896.1 used, 2244.1 buff/cache
MiB Swap: 0.0 total, 0.0 free, 0.0 used. 5060.2 avail Mem

PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND
 1 root 20 0 101480 12336 8976 S 0.0 0.2 0:08.00 systemd
 2 root 20 0 0 0 0 S 0.0 0.0 0:00.02 kthreadd
 3 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 rcu_gp
 4 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 rcu_par_gp
 5 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 slub_flushwq
 6 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 netns
 8 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/0:0H-events_hig+
10 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 mm_percpu_wq
11 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_kthread
12 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_rude_kthread
13 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_trace_kthread
14 root 20 0 0 0 0 S 0.0 0.0 0:17.85 ksoftirqd/0
15 root 20 0 0 0 0 I 0.0 0.0 0:23.58 rcu_preempt
16 root rt 0 0 0 0 S 0.0 0.0 0:00.26 migration/0
18 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/0
20 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kdevtmpfs
21 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 inet_frag_wq
22 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kauditd
23 root 20 0 0 0 0 S 0.0 0.0 0:00.01 khungtaskd
25 root 20 0 0 0 0 S 0.0 0.0 0:00.00 oom_reaper
26 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 writeback
28 root 20 0 0 0 0 S 0.0 0.0 0:01.04 kcompactd0
29 root 25 5 0 0 0 S 0.0 0.0 0:00.00 ksmd
```

kill: Terminate processes

```
[x]-[user@parrot]-[~]
└─$ sudo kill -71383 process_ID
Terminated
[x]-[user@parrot]-[~]
└─$
```

Assignment.txt

bg: Run processes in the background

```
Applications Places System Sun May 21, 13:45
File Edit View Search Terminal Help jobs - Parrot
[root@parrot]-/home/user]
└─#jobs
[root@parrot]-/home/user]
└─#sleep 500
^Z [1]+ Stopped sleep 500
[root@parrot]-/home/user]
└─#jobs
[1]+ Stopped sleep 500
[root@parrot]-/home/user]
└─#bg %1
[1]+ sleep 500 &
[root@parrot]-/home/user]
└─#jobs
[1]+ Running sleep 500 &
[root@parrot]-/home/user]
└─#
```

fg: Bring background processes to the foreground

```
[x]--[root@parrot]--[/home/user]
└─#fg %1
sleep 500
```

System Information:

uname: Print system information

```
[x]--[root@parrot]--[/home/user]
└─#uname
Linux
[x]--[root@parrot]--[/home/user]
└─#
```

df: Display disk space usage

```
[root@parrot]--[/home/user]
└─#df
Filesystem      1K-blocks    Used Available Use% Mounted on
udev            4001440      0   4001440   0% /dev
tmpfs           811092    1284   809808   1% /run
/dev/sr0        4988906  4988906      0 100% /run/live/medium
/dev/loop0       4820608  4820608      0 100% /run/live/rootfs/filesystem.squashfs
tmpfs           4055444  613848  3441596  16% /run/live/overlay
overlay         4055444  613848  3441596  16% /
tmpfs           4055440      0  4055440   0% /dev/shm
tmpfs            5120       4    5116   1% /run/lock
tmpfs           4055440     504  4054936   1% /tmp
tmpfs           811088      88   811000   1% /run/user/1000
[root@parrot]--[/home/user]
└─#
```

free: Display memory usage

```
[root@parrot]~[/home/user]
└─#free
      total        used        free      shared  buff/cache   available
Mem:       8110884     1856012    3954296     694184    2300576    5264980
Swap:          0          0          0
[root@parrot]~[/home/user]
└─#
```

uptime: Show system uptime

```
[root@parrot]~[/home/user]
└─#uptime
13:48:31 up  1:49,  2 users,  load average: 0.10, 0.11, 0.22
[root@parrot]~[/home/user]
└─#
```

who: Display logged-in users

```
[root@parrot]~[/home/user]
└─#who
user    tty1          2023-04-12 08:44
user    tty7          2023-04-12 08:44 (:0)
[root@parrot]~[/home/user]
└─#
```

w: Display logged-in users and their activities

```
[root@parrot]~[/home/user]
└─#w
13:49:05 up  1:49,  2 users,  load average: 0.63, 0.25, 0.26
USER   TTY      FROM          LOGIN@  IDLE   JCPU   PCPU WHAT
user   tty1      -          12Apr23 39days  0.19s  0.11s -bash
user   tty7      :0          12Apr23 39days  4:10   0.97s x-session-manager
[root@parrot]~[/home/user]
└─#
```

Networking:

ifconfig: Configure network interfaces

A screenshot of a terminal window titled "ifconfig - Parrot Terminal". The window shows the output of the "ifconfig" command run as root. It displays two interfaces: "ens33" and "lo".

```
[root@parrot]~[/home/user]
[root@parrot]# ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
      inet 192.168.50.131  netmask 255.255.255.0  broadcast 192.168.50.255
          inet6 fe80::6ced:bc68:c34f:ba2b  prefixlen 64  scopeid 0x20<link>
            ether 00:0c:29:55:7e:f8  txqueuelen 1000  (Ethernet)
              RX packets 167680  bytes 199831160 (190.5 MiB)
              RX errors 0  dropped 0  overruns 0  frame 0
              TX packets 67510  bytes 7411463 (7.0 MiB)
              TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

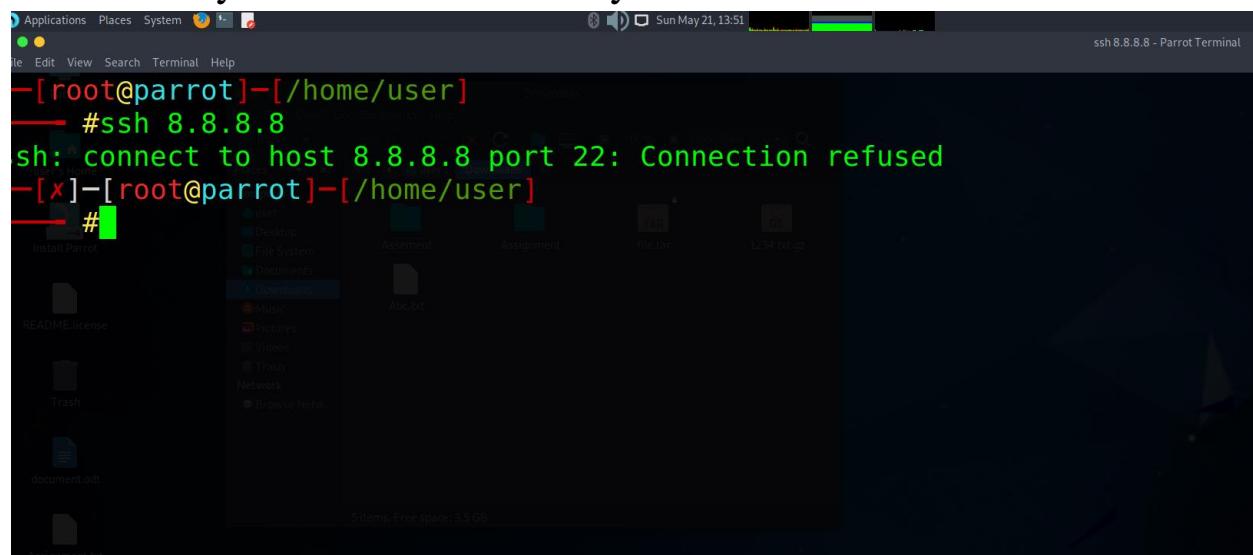
lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
      inet 127.0.0.1  netmask 255.0.0.0
          inet6 ::1  prefixlen 128  scopeid 0x10<host>
            loop  txqueuelen 1000  (Local Loopback)
              RX packets 73  bytes 5556 (5.4 KiB)
              RX errors 0  dropped 0  overruns 0  frame 0
              TX packets 73  bytes 5556 (5.4 KiB)
              TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

[root@parrot]~[/home/user]
[root@parrot]#
```

ping: Send ICMP echo requests to a network host

```
[root@parrot]~[/home/user]
[root@parrot]# 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=128 time=8.37 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=128 time=8.17 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=128 time=7.09 ms
64 bytes from 8.8.8.8: icmp_seq=4 ttl=128 time=12.3 ms
64 bytes from 8.8.8.8: icmp_seq=5 ttl=128 time=78.7 ms
64 bytes from 8.8.8.8: icmp_seq=6 ttl=128 time=8.31 ms
64 bytes from 8.8.8.8: icmp_seq=7 ttl=128 time=8.34 ms
64 bytes from 8.8.8.8: icmp_seq=8 ttl=128 time=6.89 ms
64 bytes from 8.8.8.8: icmp_seq=9 ttl=128 time=12.8 ms
64 bytes from 8.8.8.8: icmp_seq=10 ttl=128 time=8.45 ms
64 bytes from 8.8.8.8: icmp_seq=11 ttl=128 time=7.82 ms
64 bytes from 8.8.8.8: icmp_seq=12 ttl=128 time=10.4 ms
64 bytes from 8.8.8.8: icmp_seq=13 ttl=128 time=8.01 ms
64 bytes from 8.8.8.8: icmp_seq=14 ttl=128 time=7.43 ms
64 bytes from 8.8.8.8: icmp_seq=15 ttl=128 time=10.1 ms
64 bytes from 8.8.8.8: icmp_seq=16 ttl=128 time=14.9 ms
64 bytes from 8.8.8.8: icmp_seq=17 ttl=128 time=11.9 ms
64 bytes from 8.8.8.8: icmp_seq=18 ttl=128 time=7.55 ms
64 bytes from 8.8.8.8: icmp_seq=19 ttl=128 time=7.25 ms
64 bytes from 8.8.8.8: icmp_seq=20 ttl=128 time=9.66 ms
^C
--- 8.8.8.8 ping statistics ---
20 packets transmitted, 20 received, 0% packet loss, time 19041ms
rtt min/avg/max/mdev = 6.892/12.721/78.716/15.290 ms
```

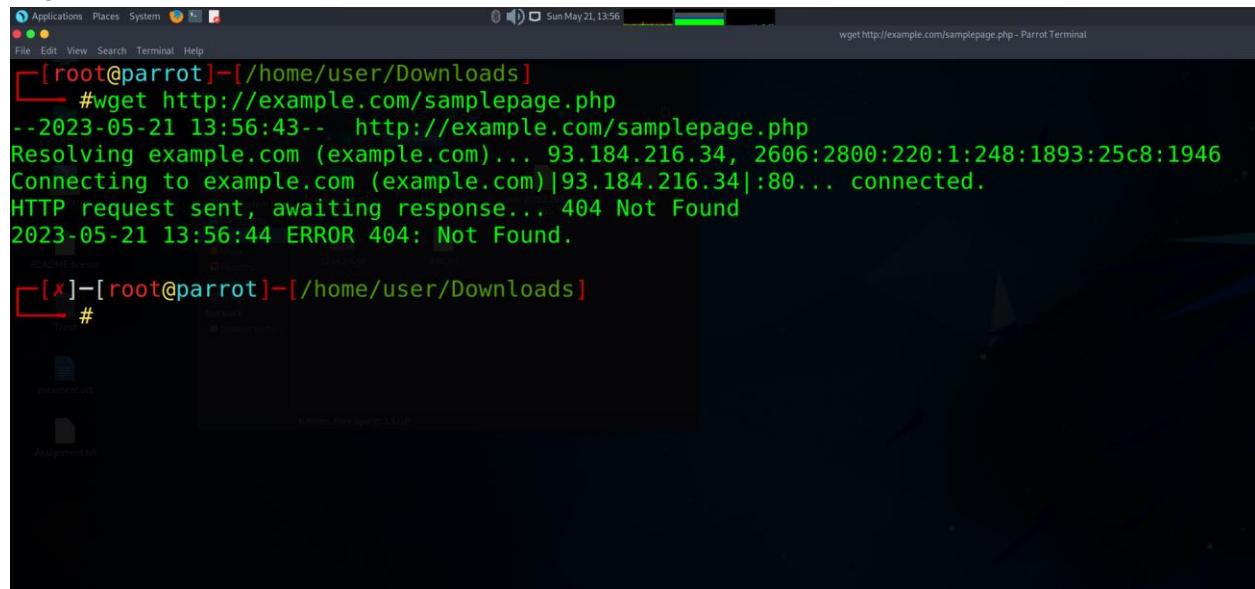
ssh: Securely connect to a remote system



scp: Securely copy files between systems

```
[x]--[root@parrot]--[/home/user/Downloads]
└─#scp Abc.txt user@192.168.50.255;/home/user
bash: /home/user: Is a directory
[x]--[root@parrot]--[/home/user/Downloads]
└─#
```

wget: Download files from the web



A screenshot of a Parrot OS desktop environment. In the top right corner, there is a terminal window titled "wget http://example.com/samplepage.php - Parrot Terminal". The terminal shows the command "wget http://example.com/samplepage.php" being run, followed by the output of the command, which includes the IP address 93.184.216.34 and an error message indicating a 404 Not Found status. The desktop background features a dark space-themed wallpaper.

```
[root@parrot]--[/home/user/Downloads]
# wget http://example.com/samplepage.php
--2023-05-21 13:56:43--  http://example.com/samplepage.php
Resolving example.com (example.com)... 93.184.216.34, 2606:2800:220:1:248:1893:25c8:1946
Connecting to example.com (example.com)|93.184.216.34|:80... connected.
HTTP request sent, awaiting response... 404 Not Found
2023-05-21 13:56:44 ERROR 404: Not Found.

[x]--[root@parrot]--[/home/user/Downloads]
#
```

System Administration:

sudo: Execute commands with superuser privileges

```
[x]--[root@parrot]--[/home/user/Downloads]
└─#sudo sudo
usage: sudo -h | -K | -k | -V
usage: sudo -v [-AknS] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-AknS] [-g group] [-h host] [-p prompt] [-U user] [-u user] [command]
usage: sudo [-AbEHknPS] [-r role] [-t type] [-C num] [-D directory] [-g group] [-h host] [-p prompt] [-R directory] [-T timeout] [-u
    user] [VAR=value] [-i|-s] [<command>]
usage: sudo -e [-AknS] [-r role] [-t type] [-C num] [-D directory] [-g group] [-h host] [-p prompt] [-R directory] [-T timeout] [-u
    user] file ...
[x]--[root@parrot]--[/home/user/Downloads]
└─#
```

apt-get: Package management for Debian-based distributions

```
[x]--[root@parrot]--[/home/user/Downloads]
[sudo] password:
#sudo apt-get
apt 2.2.4 (amd64)
Usage: apt-get [options] command
      apt-get [options] install|remove pkg1 [pkg2 ...]
      apt-get [options] source pkg1 [pkg2 ...]

apt-get is a command line interface for retrieval of packages
and information about them from authenticated sources and
for installation, upgrade and removal of packages together
with their dependencies.

Most used commands:
  update - Retrieve new lists of packages
  upgrade - Perform an upgrade
  install - Install new packages (pkg is libc6 not libc6.deb)
  reinstall - Reinstall packages (pkg is libc6 not libc6.deb)
  remove - Remove packages
  purge - Remove packages and config files
  autoremove - Remove automatically all unused packages
  dist-upgrade - Distribution upgrade, see apt-get(8)
  dselect-upgrade - Follow dselect selections
  build-dep - Configure build-dependencies for source packages
  satisfy - Satisfy dependency strings
  clean - Erase downloaded archive files
  autoclean - Erase old downloaded archive files
  check - Verify that there are no broken dependencies
  source - Download source archives
  download - Download the binary package into the current directory
  changelog - Download and display the changelog for the given package

See apt-get(8) for more information about the available commands.
```

yum: Package management for Red Hat-based distributions

systemctl: Manage system services

```

[root@parrot]~[/home/user/Downloads]
└─#systemctl
UNIT                                         LOAD   ACTIVE SUB    DES
proc-sys-fs-binfmt_misc.automount          loaded  active running Arb>
sys-devices-pci0000:00-0000:00:07.1-ata2-host1-target1:0:0-1:0:0:0-block-sr0.device loaded  active plugged VMw>
sys-devices-pci0000:00-0000:00:10.0-host2-target2:0:0-2:0:0:0-block-sda.device loaded  active plugged VMw>
sys-devices-pci0000:00-0000:00:11.0-0000:02:00.0-usb1-1\x2d2-1\x2d2.1-1\x2d2.1:1:0-bluetooth-hci0.device loaded  active plugged /sys>
sys-devices-pci0000:00-0000:00:11.0-0000:02:01.0-net-ens33.device loaded  active plugged 825>
sys-devices-pci0000:00-0000:00:11.0-0000:02:02.0-sound-card0-controlC0.device loaded  active plugged /sys>
sys-devices-platform-serial8250-tty-tty1.device loaded  active plugged /sys>
sys-devices-platform-serial8250-tty-ttyS2.device loaded  active plugged /sys>
sys-devices-platform-serial8250-tty-ttyS3.device loaded  active plugged /sys>
sys-devices-pnp0-00:05-tty-ttyS0.device loaded  active plugged /sys>
sys-devices-virtual-block-loop0.device loaded  active plugged /sys>
sys-devices-virtual-misc-rfkill.device loaded  active plugged /sys>
sys-module-configs.device loaded  active plugged /sys>
sys-module-fuse.device loaded  active plugged /sys>
sys-subsystem-bluetooth-devices-hci0.device loaded  active plugged /sys>
sys-subsystem-net-devices-ens33.device loaded  active plugged 825>
└─mount
  dev-hugepages.mount loaded  active mounted Root>
  dev-mqueue.mount loaded  active mounted Hug>
  proc-sys-fs-binfmt_misc.mount loaded  active mounted Arb>
  run-credentials-systemd\x2dsysctl.service.mount loaded  active mounted /run>
  run-credentials-systemd\x2dusers.service.mount loaded  active mounted /run>
  run-credentials-systemd\x2dtmpfiles\x2dsetup.service.mount loaded  active mounted /run>
  run-credentials-systemd\x2dtmpfiles\x2dsetup\x2ddev.service.mount loaded  active mounted /run>
  run-live-medium.mount loaded  active mounted /run>
  run-live-overlay.mount loaded  active mounted /run>
  run-live-rootfs-filesystem.squashfs.mount loaded  active mounted /run>
  run-user-1000-doc.mount loaded  active mounted /run>
  run-user-1000.mount loaded  active mounted VMw>
  run-vmblock\x2dfuse.mount loaded  active mounted FUS>
  sys-fs-fuse-connections.mount loaded  active mounted Ker>
  sys-kernel-config.mount loaded  active mounted Ker>
  sys-kernel-debug.mount loaded  active mounted Ker>
  sys-kernel-tracing.mount loaded  active mounted Ker>
  tmp.mount loaded  active mounted /tmp
  usr-lib-live-mount-medium.mount loaded  active mounted /us>
  usr-lib-live-mount-overlay.mount loaded  active mounted /us>
  usr-lib-live-mount-rootfs-filesystem.squashfs.mount loaded  active mounted /us>
  usr-lib-live-mount.mount loaded  active mounted /us>
  systemd-ask-password-plymouth.path loaded  active waiting For>
  systemd-ask-password-wall.path loaded  active waiting For>

```

crontab: Schedule recurring tasks

```

[root@parrot]~[/home/user/Downloads]
└─#crontab

```

useradd: Add a new user

```

[root@parrot]~[/home/user/Downloads]
└─#useradd Samurai

```

passwd: Change user password

```

[root@parrot]~[/home/user/Downloads]
└─#pwd linux1234
/home/user/Downloads
[root@parrot]~[/home/user/Downloads]
└─#

```

Ensure that you provide the correct command(s) used to accomplish each task. Write your answers below each task.

Once you have completed the assessment, review your answers and verify that the output or results are correct.

Make this in doucement format and send them with images