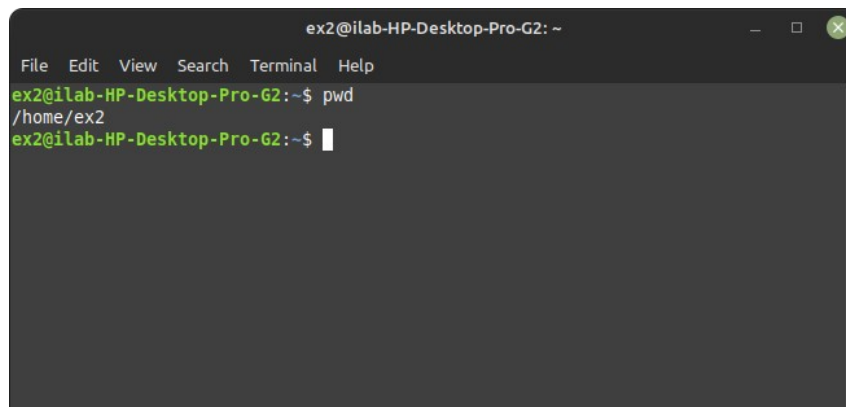Darshan J Patel
21BCE6061
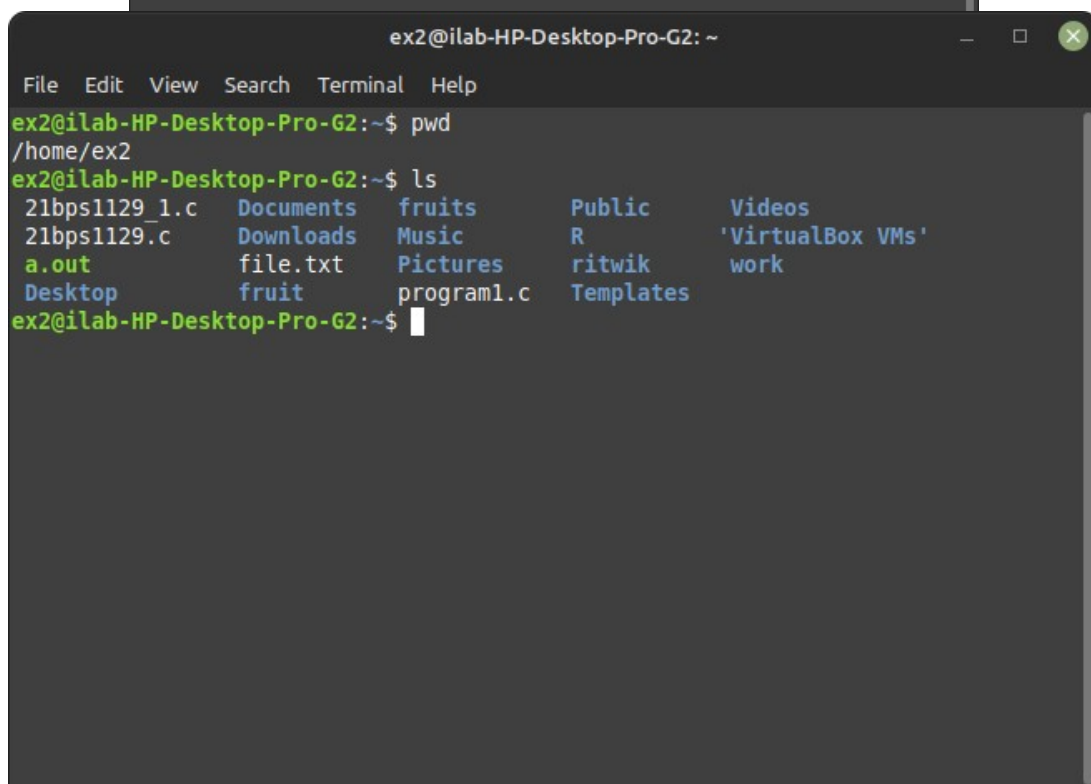
Basic Comand
1. pwd

```
ex2@ilab-HP-Desktop-Pro-G2: ~
File   Edit   View   Search   Terminal   Help
ex2@ilab-HP-Desktop-Pro-G2:~$ pwd
/home/ex2
ex2@ilab-HP-Desktop-Pro-G2:~$
```
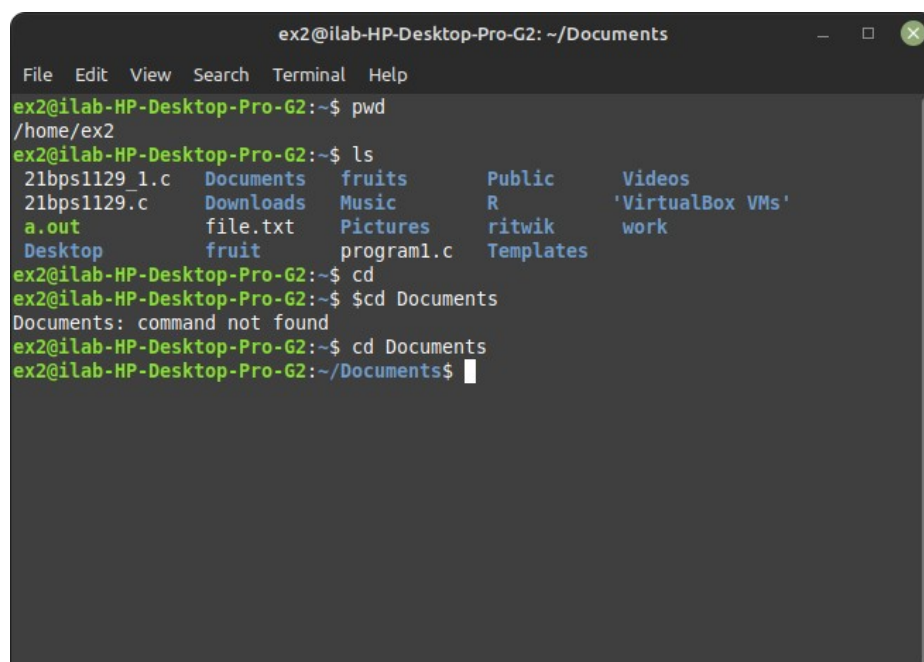
2. ls

```
ex2@ilab-HP-Desktop-Pro-G2: ~
File   Edit   View   Search   Terminal   Help
ex2@ilab-HP-Desktop-Pro-G2:~$ pwd
/home/ex2
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
 21bps1129_1.c   Documents   fruits      Public      Videos
 21bps1129.c     Downloads   Music       R           'VirtualBox VMs'
 a.out           file.txt    Pictures    ritwik      work
 Desktop         fruit       program1.c  Templates
ex2@ilab-HP-Desktop-Pro-G2:~$
```

3.cd

    $cd
directory
name

```
ex2@ilab-HP-Desktop-Pro-G2: ~/Documents
File   Edit   View   Search   Terminal   Help
ex2@ilab-HP-Desktop-Pro-G2:~$ pwd
/home/ex2
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
 21bps1129_1.c   Documents   fruits      Public      Videos
 21bps1129.c     Downloads   Music       R           'VirtualBox VMs'
 a.out           file.txt    Pictures    ritwik      work
 Desktop         fruit       program1.c  Templates
ex2@ilab-HP-Desktop-Pro-G2:~$ cd
ex2@ilab-HP-Desktop-Pro-G2:~$ $cd Documents
Documents: command not found
ex2@ilab-HP-Desktop-Pro-G2:~$ cd Documents
ex2@ilab-HP-Desktop-Pro-G2:~/Documents$
```
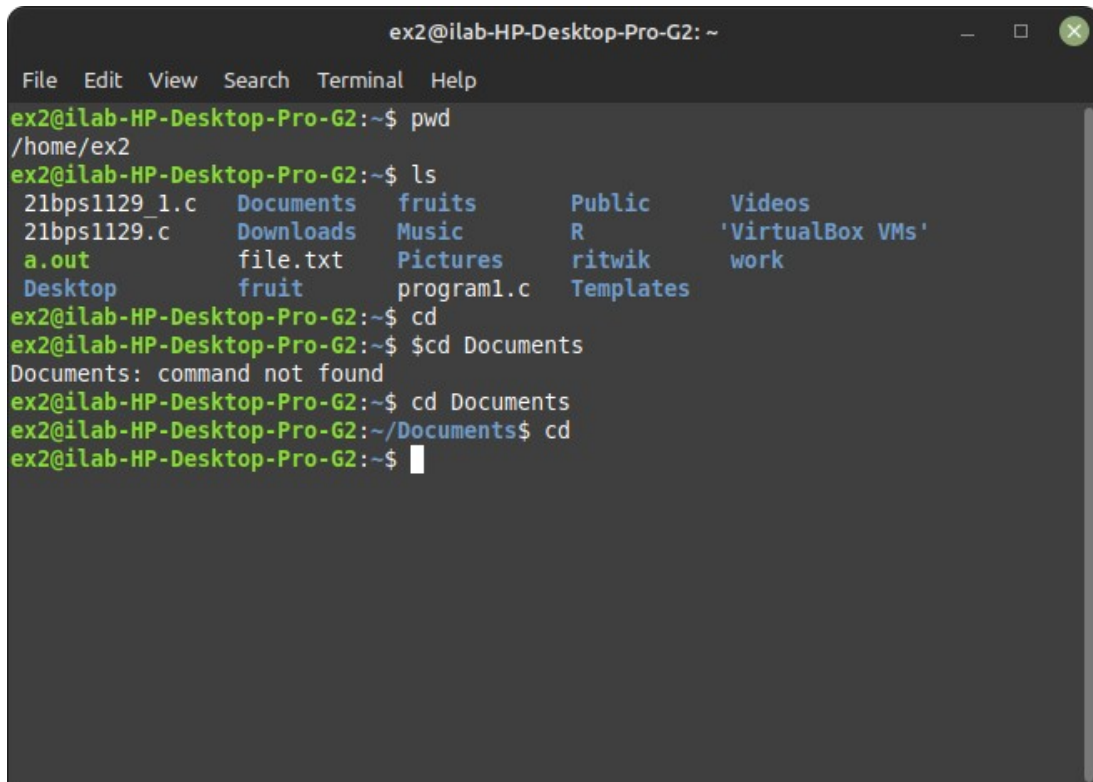
4.cd

```
                          ex2@ilab-HP-Desktop-Pro-G2: ~              _  □  ⊗

 File  Edit  View  Search  Terminal  Help

 ex2@ilab-HP-Desktop-Pro-G2:~$ pwd
 /home/ex2
 ex2@ilab-HP-Desktop-Pro-G2:~$ ls
  21bps1129_1.c    Documents    fruits      Public      Videos
  21bps1129.c      Downloads    Music       R           'VirtualBox VMs'
  a.out            file.txt     Pictures    ritwik       work
  Desktop          fruit        program1.c  Templates
 ex2@ilab-HP-Desktop-Pro-G2:~$ cd
 ex2@ilab-HP-Desktop-Pro-G2:~$ $cd Documents
 Documents: command not found
 ex2@ilab-HP-Desktop-Pro-G2:~$ cd Documents
 ex2@ilab-HP-Desktop-Pro-G2:~/Documents$ cd
 ex2@ilab-HP-Desktop-Pro-G2:~$ █
```
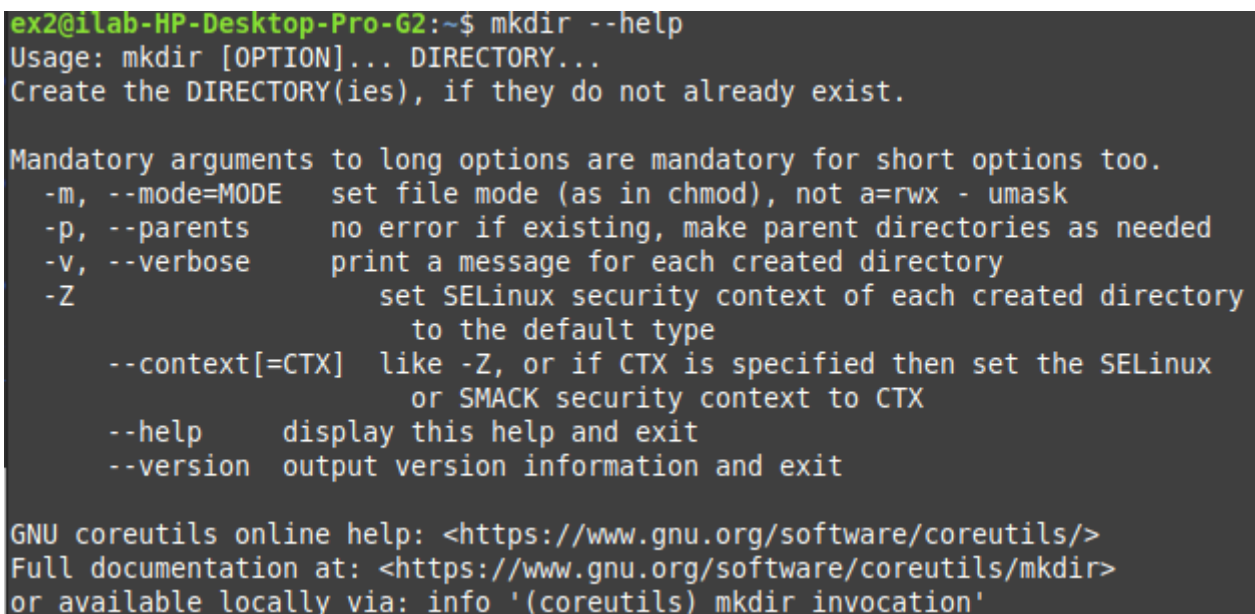
5.mkdir

```
 ex2@ilab-HP-Desktop-Pro-G2:~$ mkdir --help
 Usage: mkdir [OPTION]... DIRECTORY...
 Create the DIRECTORY(ies), if they do not already exist.

 Mandatory arguments to long options are mandatory for short options too.
   -m, --mode=MODE    set file mode (as in chmod), not a=rwx - umask
   -p, --parents      no error if existing, make parent directories as needed
   -v, --verbose      print a message for each created directory
   -Z                 set SELinux security context of each created directory
                        to the default type
       --context[=CTX]  like -Z, or if CTX is specified then set the SELinux
                        or SMACK security context to CTX
       --help     display this help and exit
       --version  output version information and exit

 GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
 Full documentation at: <https://www.gnu.org/software/coreutils/mkdir>
 or available locally via: info '(coreutils) mkdir invocation'
```

```
GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Full documentation at: <https://www.gnu.org/software/coreutils/mkdir>
or available locally via: info '(coreutils) mkdir invocation'
ex2@ilab-HP-Desktop-Pro-G2:~$ mkdir -m
mkdir: option requires an argument -- 'm'
Try 'mkdir --help' for more information.
ex2@ilab-HP-Desktop-Pro-G2:~$ mkdir --m
mkdir: option '--mode' requires an argument
Try 'mkdir --help' for more information.
ex2@ilab-HP-Desktop-Pro-G2:~$ mkdir --v
mkdir: option '--v' is ambiguous; possibilities: '--verbose' '--version'
Try 'mkdir --help' for more information.
ex2@ilab-HP-Desktop-Pro-G2:~$ mkdir --version
mkdir (GNU coreutils) 8.30
Copyright (C) 2018 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <https://gnu.org/licenses/gpl.html>.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

Written by David MacKenzie.
```

6.rmdir

```
ex2@ilab-HP-Desktop-Pro-G2:~$ rmdir --help
Usage: rmdir [OPTION]... DIRECTORY...
Remove the DIRECTORY(ies), if they are empty.

     --ignore-fail-on-non-empty
                   ignore each failure that is solely because a directory
                   is non-empty
  -p, --parents    remove DIRECTORY and its ancestors; e.g., 'rmdir -p a/b/c' is
                   similar to 'rmdir a/b/c a/b a'
  -v, --verbose    output a diagnostic for every directory processed
      --help       display this help and exit
      --version    output version information and exit

GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Full documentation at: <https://www.gnu.org/software/coreutils/rmdir>
or available locally via: info '(coreutils) rmdir invocation'
```

```
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
 21bps1129_1.c   Documents    fruits        Public        Videos
 21bps1129.c     Downloads    Music         R             'VirtualBox VMs'
 a.out           file.txt     Pictures      ritwik        work
 Desktop         fruit        program1.c    Templates
ex2@ilab-HP-Desktop-Pro-G2:~$ rmdir Videos Music
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
 21bps1129_1.c   Documents    fruits        R                     work
 21bps1129.c     Downloads    Pictures      ritwik
 a.out           file.txt     program1.c    Templates
 Desktop         fruit        Public        'VirtualBox VMs'
```

7.cat

```
ex2@ilab-HP-Desktop-Pro-G2:~$ cat file.txt
text
hello

ex2@ilab-HP-Desktop-Pro-G2:~$
```

8.cp

```
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
21bps1129_1.c    Documents    fruits      R                work
21bps1129.c      Downloads    Pictures    ritwik
a.out            file.txt     program1.c  Templates
Desktop          fruit        Public      'VirtualBox VMs'
ex2@ilab-HP-Desktop-Pro-G2:~$ cp file.txt program1.c
ex2@ilab-HP-Desktop-Pro-G2:~$
```

9.mv

```
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
21bps1129_1.c    Documents    exfile3.txt  Pictures    ritwik
21bps1129.c      Downloads    file.txt     program1.c  Templates
a.out            exfile1.txt  fruit        Public      'VirtualBox VMs'
Desktop          exfile2.txt  fruits       R           work
ex2@ilab-HP-Desktop-Pro-G2:~$ mv exfile1.txt vit.txt
ex2@ilab-HP-Desktop-Pro-G2:~$
```

10.ln

```
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
21bps1129_1.c    Desktop      file.txt    Pictures    R          'VirtualBox VMs'
21bps1129.c      Documents    fruit       program1.c  ritwik     work
a.out            Downloads    fruits      Public      Templates
ex2@ilab-HP-Desktop-Pro-G2:~$ echo "hello World test 1 VIT ">>exfile1.txt
ex2@ilab-HP-Desktop-Pro-G2:~$ echo "hello World test 2 VIT2 ">>exfile2.txt
ex2@ilab-HP-Desktop-Pro-G2:~$ echo "hello World test 3 VIT3 ">>exfile3.txt
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
21bps1129_1.c    Documents    exfile3.txt  Pictures    ritwik
21bps1129.c      Downloads    file.txt     program1.c  Templates
a.out            exfile1.txt  fruit        Public      'VirtualBox VMs'
Desktop          exfile2.txt  fruits       R           work
ex2@ilab-HP-Desktop-Pro-G2:~$ ln -v exfile1.txt exfile2.txt exfile3.txt Pictures/
'Pictures/exfile1.txt' => 'exfile1.txt'
'Pictures/exfile2.txt' => 'exfile2.txt'
'Pictures/exfile3.txt' => 'exfile3.txt'
```

11.rm

```
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
21bps1129_1.c    Documents    file.txt    program1.c  Templates
21bps1129.c      Downloads    fruit       Public      'VirtualBox VMs'
a.out            exfile2.txt  fruits      R           vit.txt
Desktop          exfile3.txt  Pictures    ritwik      work
ex2@ilab-HP-Desktop-Pro-G2:~$ rm a.out
ex2@ilab-HP-Desktop-Pro-G2:~$ ls
21bps1129_1.c    Downloads    fruit       Public      'VirtualBox VMs'
21bps1129.c      exfile2.txt  fruits      R           vit.txt
Desktop          exfile3.txt  Pictures    ritwik      work
Documents        file.txt     program1.c  Templates
ex2@ilab-HP-Desktop-Pro-G2:~$
```

12.who

```
ex2@ilab-HP-Desktop-Pro-G2:~$ who
ex2         tty7          2023-04-28 10:06 (:0)
ex2@ilab-HP-Desktop-Pro-G2:~$ who -m -H
NAME       LINE         TIME             COMMENT
ex2@ilab-HP-Desktop-Pro-G2:~$ who -p -H
NAME       LINE         TIME                     PID COMMENT
ex2@ilab-HP-Desktop-Pro-G2:~$ who -u
ex2         tty7          2023-04-28 10:06 00:32        1316 (:0)
ex2@ilab-HP-Desktop-Pro-G2:~$ who -b -H
NAME       LINE         TIME                     PID COMMENT
           system boot  2023-04-28 10:05
ex2@ilab-HP-Desktop-Pro-G2:~$ who -d -H
NAME       LINE         TIME             IDLE         PID COMMENT  EXIT
ex2@ilab-HP-Desktop-Pro-G2:~$ who -l -H
NAME       LINE         TIME             IDLE         PID COMMENT
LOGIN      tty1         2023-04-28 10:05              873 id=tty1
ex2@ilab-HP-Desktop-Pro-G2:~$ who -q -H
ex2
# users=1
ex2@ilab-HP-Desktop-Pro-G2:~$ who -r
           run-level 5  2023-04-28 10:05
ex2@ilab-HP-Desktop-Pro-G2:~$ who -a
           system boot  2023-04-28 10:05
LOGIN      tty1         2023-04-28 10:05              873 id=tty1
           run-level 5  2023-04-28 10:05
ex2      + tty7         2023-04-28 10:06 00:33       1316 (:0)
```

13.who am i

```
ex2@ilab-HP-Desktop-Pro-G2:~$ whoami
ex2
ex2@ilab-HP-Desktop-Pro-G2:~$ w
 10:39:14 up 34 min,  1 user,  load average: 0.24, 0.49, 0.62
USER      TTY      FROM             LOGIN@   IDLE   JCPU   PCPU WHAT
ex2       tty7     :0               10:06    34:03  1:16   0.41s cinnamon-session -
ex2@ilab-HP-Desktop-Pro-G2:~$ id
uid=1008(ex2) gid=1009(ex2) groups=1009(ex2)
ex2@ilab-HP-Desktop-Pro-G2:~$
```

14.date

```
ex2@ilab-HP-Desktop-Pro-G2:~$ date
Friday 28 April 2023 10:39:48 AM IST
ex2@ilab-HP-Desktop-Pro-G2:~$ date -u
Friday 28 April 2023 05:09:55 AM UTC
ex2@ilab-HP-Desktop-Pro-G2:~$ date --date="2 day"
Sunday 30 April 2023 10:40:16 AM IST
ex2@ilab-HP-Desktop-Pro-G2:~$
```

15.echo

```
ex2@ilab-HP-Desktop-Pro-G2:~$ echo "Vit is Cool"
Vit is Cool
ex2@ilab-HP-Desktop-Pro-G2:~$ echo -e "vit \b for \bstudent"
vit forstudent
ex2@ilab-HP-Desktop-Pro-G2:~$ echo -e "vit \bfor \bstudent"
vitforstudent
ex2@ilab-HP-Desktop-Pro-G2:~$ echo -e "vit \bFor \bStudent"
vitForStudent
ex2@ilab-HP-Desktop-Pro-G2:~$
```

16.head

```
ex2@ilab-HP-Desktop-Pro-G2:~$ head -n 5 vit.txt
hello World test 1 VIT


Andhra Pradesh
Arunachal Pradesh
Assam
ex2@ilab-HP-Desktop-Pro-G2:~$
```

17.tail

```
ex2@ilab-HP-Desktop-Pro-G2:~$ tail -n 5 vit.txt
Panaji
Gandhinagar
Chandigarh
Shimla
Srinagar
ex2@ilab-HP-Desktop-Pro-G2:~$
```

18.wc

```
ex2@ilab-HP-Desktop-Pro-G2:~$ wc vit.txt
 42  56 428 vit.txt
ex2@ilab-HP-Desktop-Pro-G2:~$
```

19.find

```
                                    ex2@ilab-HP-Desktop-Pro-G2: ~
File  Edit  View  Search  Terminal  Help
ex2@ilab-HP-Desktop-Pro-G2:~$ find . -name "*.txt"
./.config/chromium/chrome_shutdown_ms.txt
./.config/google-chrome/ZxcvbnData/3/us_tv_and_film.txt
./.config/google-chrome/ZxcvbnData/3/male_names.txt
./.config/google-chrome/ZxcvbnData/3/surnames.txt
./.config/google-chrome/ZxcvbnData/3/english_wikipedia.txt
./.config/google-chrome/ZxcvbnData/3/passwords.txt
./.config/google-chrome/ZxcvbnData/3/female_names.txt
./.config/google-chrome/Subresource Filter/Unindexed Rules/9.44.0/LICENSE.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/f278ba7242a4b0474c6478429cbbac36bd73e18d/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/0bf6ab7f94a21cdc9c1649f884333ec20f40a544/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/579544fd7d0441717f082c9eb123588966aa57ac/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/76ef9e5953a1ba4578548bb32235240a9f0e0ca2/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/c67a00d9d1fe43239f2bf49bebc287eb867542bc/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/e0a9e32daac9e002c78f38c70d096b3affb72d46/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/2772b8f9fb869284c2b5a990100cb8f1c7fd6925/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/2b5c392d2730c0910fd56433cc5e73e510d0f2b4/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/c7d67cba325ccbd672a24c3cb400e99086a62d4c/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/379f1cbab5b08b6fc9e08681e42d8be311441c88/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/f052a8d04684b6454281fa3c09ca44b69707f8e9/index.txt
./.config/google-chrome/Default/Service Worker/CacheStorage/08c7de082db9be2e2569d9f5d9fea7c240142e82/index.txt
./vit.txt
./Pictures/exfile2.txt
./Pictures/exfile1.txt
./Pictures/exfile3.txt
./R/x86_64-pc-linux-gnu-library/3.6/rpart.plot/slowtests/README.txt
./R/x86_64-pc-linux-gnu-library/3.6/DT/htmlwidgets/lib/datatables/license.txt
./R/x86_64-pc-linux-gnu-library/3.6/DT/examples/DT-scroller/www/large.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/fread_blank.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/536_fread_fill_3_extreme.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/utf16be.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/issue_1330_fread.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/issue_1573_fill.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/issue_1164_json.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/issue_773_fread.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/536_fread_fill_1.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/gb18030.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/utf16le.txt
```

```
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/536_fread_fill_4.txt
./R/x86_64-pc-linux-gnu-library/3.6/data.table/tests/fread_blank2.txt
./R/x86_64-pc-linux-gnu-library/3.6/RcppEigen/include/unsupported/Eigen/src/LevenbergMarquardt/CopyrightMINPACK.txt
./R/x86_64-pc-linux-gnu-library/3.6/crosstalk/lib/jquery/jquery-AUTHORS.txt
./R/x86_64-pc-linux-gnu-library/3.6/htmlwidgets/templates/widget_js.txt
./R/x86_64-pc-linux-gnu-library/3.6/htmlwidgets/templates/widget_r.txt
./R/x86_64-pc-linux-gnu-library/3.6/visNetwork/htmlwidgets/lib/vis/add_css.txt
./R/x86_64-pc-linux-gnu-library/3.6/visNetwork/htmlwidgets/lib/fontawesome_5.13.0/LICENSE.txt
./R/x86_64-pc-linux-gnu-library/3.6/cli/logo.txt
./R/x86_64-pc-linux-gnu-library/3.6/rmarkdown/rmd/h/jqueryui-AUTHORS.txt
./R/x86_64-pc-linux-gnu-library/3.6/bit64/doc/ANNOUNCEMENT-0.9-Details.txt
./R/x86_64-pc-linux-gnu-library/3.6/bit64/doc/README_devel.txt
./R/x86_64-pc-linux-gnu-library/3.6/bit64/doc/ANNOUNCEMENT-0.9.txt
./R/x86_64-pc-linux-gnu-library/3.6/bit64/doc/ANNOUNCEMENT-0.8.txt
./R/x86_64-pc-linux-gnu-library/3.6/jquerylib/lib/AUTHORS.txt
./R/x86_64-pc-linux-gnu-library/3.6/jquerylib/lib/LICENSE.txt
./R/x86_64-pc-linux-gnu-library/3.6/readr/extdata/epa78.txt
./R/x86_64-pc-linux-gnu-library/3.6/readr/extdata/fwf-sample.txt
./R/x86_64-pc-linux-gnu-library/3.6/readr/extdata/whitespace-sample.txt
./R/x86_64-pc-linux-gnu-library/3.6/readr/extdata/massey-rating.txt
./R/x86_64-pc-linux-gnu-library/3.6/vroom/extdata/fwf-sample.txt
./R/x86_64-pc-linux-gnu-library/3.6/vroom/words/animals.txt
./R/x86_64-pc-linux-gnu-library/3.6/vroom/words/adjectives.txt
./R/x86_64-pc-linux-gnu-library/3.6/Rcpp/announce/ANNOUNCE-0.7.0.txt
./R/x86_64-pc-linux-gnu-library/3.6/Rcpp/announce/ANNOUNCE-0.6.0.txt
./R/x86_64-pc-linux-gnu-library/3.6/Rcpp/announce/ANNOUNCE-0.11.0.txt
./R/x86_64-pc-linux-gnu-library/3.6/Rcpp/announce/ANNOUNCE-0.9.0.txt
./R/x86_64-pc-linux-gnu-library/3.6/Rcpp/announce/ANNOUNCE-0.10.0.txt
./R/x86_64-pc-linux-gnu-library/3.6/Rcpp/announce/ANNOUNCE-0.8.0.txt
./exfile2.txt
./exfile3.txt
./file.txt
./.mozilla/firefox/0fiq9s4h.default-release/AlternateServices.txt
./.mozilla/firefox/0fiq9s4h.default-release/pkcs11.txt
./.mozilla/firefox/0fiq9s4h.default-release/serviceworker.txt
./.mozilla/firefox/0fiq9s4h.default-release/SiteSecurityServiceState.txt
./.mozilla/firefox/0fiq9s4h.default-release/cert_override.txt
./.pki/nssdb/pkcs11.txt
ex2@ilab-HP-Desktop-Pro-G2:~$
```

20.chmod


```
ex2@ilab-HP-Desktop-Pro-G2:~$ chmod go-w exfile2.txt
ex2@ilab-HP-Desktop-Pro-G2:~$
```

21.exit
Just ends the terminal

2.clear
clear all the things

23.ctrl – z
24. man


```
PRINTF(3)                          Linux Programmer's Manual                          PRINTF(3)

NAME
       printf, fprintf, dprintf, sprintf, snprintf, vprintf, vfprintf, vdprintf, vsprintf, vsnprintf - formatted output conversion

SYNOPSIS
       #include <stdio.h>

       int printf(const char *format, ...);
       int fprintf(FILE *stream, const char *format, ...);
       int dprintf(int fd, const char *format, ...);
       int sprintf(char *str, const char *format, ...);
       int snprintf(char *str, size_t size, const char *format, ...);

       #include <stdarg.h>

       int vprintf(const char *format, va_list ap);
       int vfprintf(FILE *stream, const char *format, va_list ap);
       int vdprintf(int fd, const char *format, va_list ap);
       int vsprintf(char *str, const char *format, va_list ap);
       int vsnprintf(char *str, size_t size, const char *format, va_list ap);

   Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

       snprintf(), vsnprintf():
           _XOPEN_SOURCE >= 500 || _ISOC99_SOURCE ||
               || /* Glibc versions <= 2.19: */ _BSD_SOURCE

       dprintf(), vdprintf():
           Since glibc 2.10:
               _POSIX_C_SOURCE >= 200809L
           Before glibc 2.10:
               _GNU_SOURCE

DESCRIPTION
       The  functions  in the printf() family produce output according to a format as described below.  The functions printf() and vprintf() write output to stdout,
       the standard output stream; fprintf() and vfprintf() write output to the given output stream; sprintf(), snprintf(), vsprintf() and vsnprintf() write to  the
       character string str.
 Manual page printf(3) line 1 (press h for help or q to quit)
```

File   Edit   View   Search   Terminal   Help

PRINTF(3)   Linux Programmer's Manual   PRINTF(3)

NAME
       printf, fprintf, dprintf, sprintf, snprintf, vprintf, vfprintf, vdprintf, vsprintf, vsnprintf - formatted output conversion

SYNOPSIS
       #include <stdio.h>

       int printf(const char *format, ...);
       int fprintf(FILE *stream, const char *format, ...);
       int dprintf(int fd, const char *format, ...);
       int sprintf(char *str, const char *format, ...);
       int snprintf(char *str, size_t size, const char *format, ...);

       #include <stdarg.h>

       int vprintf(const char *format, va_list ap);
       int vfprintf(FILE *stream, const char *format, va_list ap);
       int vdprintf(int fd, const char *format, va_list ap);
       int vsprintf(char *str, const char *format, va_list ap);
       int vsnprintf(char *str, size_t size, const char *format, va_list ap);

   Feature Test Macro Requirements for glibc (see **feature_test_macros**(7)):

       snprintf(), **vsnprintf**():
           _XOPEN_SOURCE >= 500 || _ISOC99_SOURCE ||
               || /* Glibc versions <= 2.19: */ _BSD_SOURCE

       dprintf(), **vdprintf**():
           Since glibc 2.10:
               _POSIX_C_SOURCE >= 200809L
           Before glibc 2.10:
               _GNU_SOURCE

DESCRIPTION
       The functions in the **printf**() family produce output according to a format as described below. The functions **printf**() and **vprintf**() write output to stdout,
       the standard output stream; **fprintf**() and **vfprintf**() write output to the given output stream; **sprintf**(), **snprintf**(), **vsprintf**() and **vsnprintf**() write to the
       character string str.
Manual page printf(3) line 1 (press h for help or q to quit)

25. ctrl – c
26. history

File   Edit   View   Search   Terminal   Help

```
./.mozilla/firefox/0fiq9s4h.default-release/AlternateServices.txt
./.mozilla/firefox/0fiq9s4h.default-release/pkcs11.txt
./.mozilla/firefox/0fiq9s4h.default-release/serviceworker.txt
./.mozilla/firefox/0fiq9s4h.default-release/SiteSecurityServiceState.txt
./.mozilla/firefox/0fiq9s4h.default-release/cert_override.txt
./.pki/nssdb/pkcs11.txt
ex2@ilab-HP-Desktop-Pro-G2:~$ man ls
ex2@ilab-HP-Desktop-Pro-G2:~$ man 3 printf
ex2@ilab-HP-Desktop-Pro-G2:~$ history
    1  sudo add-apt-repository ppa:apandada1/brightness-controller
    2  cd Desktop
    3  gcc program1.c
    4  ./a.out
    5  vim sahana.c
    6  sahana.c
    7  priority.c
    8  gcc priority.c
    9  vim priority.c
   10  gcc priority
   11  g++ priority.c
   12  gcc priority.c
   13  desktop
   14  desktop g++ priority.c
   15  gedit.priority.c
   16  gedit priority.c
   17  gcc priority.c
   18  gedit priority.c
   19  gcc priority.c
   20  gedit 21bps1129.c
   21  gcc 21bps1129.c
   22  gedit 21bps1129_1.c
   23  gcc 21bps1129.c
   24  gcc 21bps1129_1.c
   25  gcc 21bps1129.c
   26  gcc 21bps1129_1.c
   27  gsettings reset-recursively org.mate.panel
   28  chrome
   29  google chrome
   30  FIREFOX
```

27. more FILE

```
ex2@ilab-HP-Desktop-Pro-G2:~$ more file.txt
text
hello
```

28. less FILE

File   Edit   View   Search   Terminal   Help

```
text
hello

~
~
~
~
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~
(END)
```