

DATE... 9/9/22

EXP. No... 01

Objective → Practice basic bash, IO redirection, pipe, file and directory operations, searching files, process management and vi / editor commands.

1. pwd - present working directory
2. ls - listing.
3. ls - a - listing all.
4. man
5. mkdir - make directory
6. cd → change directory
7. rmdir - remove directory
8. cp - copy

1. pwd - present working directory command.

NAME

pwd - Print name of current / working directory

SYNOPSIS

pwd [OPTION]....

DESCRIPTION

- Print the full filename of the current working directory.
- L, --logical
use PWD from environment, even if it contains symlinks
 - P, --physical
avoid all symlinks.

DATE 9/9/22EXP. No. 01

- help display this help and exit.
- version.
output version information and exit.

2. ls - listing command

NAME

ls - listing directory contents.

SYNOPSIS

ls [OPTION]... [FILE]...

DESCRIPTION

list information about the files (the current directory by default).
Sort entries alphabetically if none of -after, -S, -n, or --sort is specified.
Mandatory arguments to long options are mandatory for short options too.

- a, --all.
do not ignore entries starting with .
- A, --almost-all
do not list implied and

3. ls -a - listing all command

Linux hidden files start with . (dot) symbol and hidden files are not visible in the regular directory.
The (ls -a) command will show the whole list of the current directory including the hidden files.

DATE 9/9/22

4. man command

NAME
man - an interface to the system reference manuals.

SYNOPSIS

man [man options] [[section] page...]...

man -k [apropos options] regexp...

man -k [man options] [section] term... [401790]

man -f [what's options] page....

man -l [man options] files...

man -w/-W [man options] page....

DESCRIPTION

man is the system's manual pager. Each page argument given to man is normally the name of a program, utility or function. The manual page associated with each of these arguments is then found and displayed.

5. mkdir - make directory command.NAME

mkdir - make directories.

DATE... 9/9/22

EXP. No... 01

SYNOPSIS

mkdir [OPTION]... DIRECTORY...

DESCRIPTION

Create the DIRECTORY (ies), if they donot 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.

6 cd - change directory command.

NAME

cd - change working directory

SYNOPSIS

cd ? dir Name ?

DESCRIPTION

change the current working directory to dirname, or to the home directory [as specified in the HOME environment variable] if dirname is not given. Returns an empty string. Note that the current working directory is a per-process resource; the cd command

DATE 09/09/22

changes the working directory for all interpreters (in a threaded environment) all threads.

EXAMPLES

Change to the home directory of the user fred:

7. rmdir - remove directory command.

NAME

rmdir - remove empty directories

SYNOPSIS

rmdir [OPTION]... DIRECTORY...

DESCRIPTION

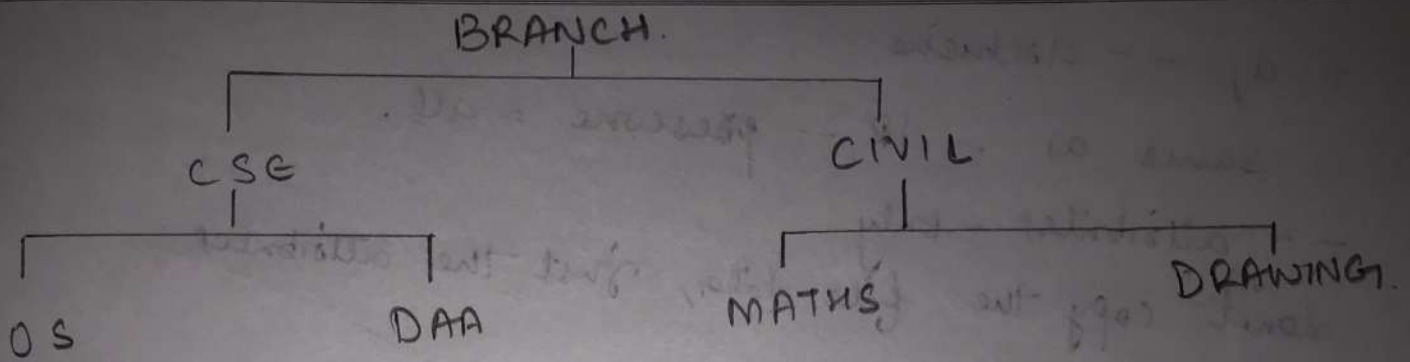
Remove the ~~directories~~ DIRECTORY(ies), if they are empty.
 - ignore - fail - on - non - empty.
 ignore each failure that is solely because a directory is non-empty.

P: - parents.

remove DIRECTORY and its ancestors eg.,
 'rmdir -p a/b/c' is similar to 'rmdir a/b/c a/ba'.

DATE 9/9/22

EXP. No. 01



~ mkdir branch

~ cd CSE

~ mkdir OS

~ mkdir DAA

~ cd ..

~ cd ..

~ cd CIVIL

~ mkdir MATHS

~ mkdir DRAWING

8. cp - copy command

NAME

cp - copy files and directories

SYNOPSIS

cp [OPTION]... [-T] SOURCE DEST

cp [OPTION]... SOURCE... DIRECTORY

cp [OPTION]... -t DIRECTORY SOURCE.

DESCRIPTION

Copy SOURCE To DEST, or multiple SOURCE (s) to DIRECTORY
 Mandatory arguments to long options are mandatory for short options too.

DATE 9/9/22

- q, -- archive.
- Same as -dR -- preserve = all.
- attributes - only.
- don't copy the file data, just the attributes
- backup [= CONTROL]
- make a backup of each existing destination file.

Copy to
9/9/22