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Objective : Practice basic bash, I/O 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 environmental, even if it contains
Symlinks

-P, -- Physical
avoid all Symlinks.

2.) ls - Listing Command

Name

ls - Listing directory contents

SYNOPSIS

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

Description

List information about the Files (-ve Current directory by default)
Sort entries alphabetically if name of - option 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.....

4. man Command

Name

man - an interface to the system reference manuals

SYNOPSIS

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

man -k [apropos options] regexp ...

man -f [what is options] page ...

man -l [man options] files ...

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.

SYNOPSIS

mkdir [OPTION] ... DIRECTORY

Description

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.

6.) cd - change working directory

Name

cd - change working directory

SYNOPSIS

cd ? dir Name?

Description

Change the Current working directory to dir Name, or to the home directory [as specified in the HOME environment variable] if dir Name is not given. Returns an empty string. Note that the Current Working directory is a per-process resource; the

DATE.....

EXP. No.....

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

7.) rmdir - remove directory Command

NAME

rmdir - remove empty directories

SYNOPSIS

rmdir [OPTIONS] ... DIRECTORY ...

Description

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

* -a, --archive

Same as -dr --preserve=all

- 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 a/c

8) CP - Copy Command

NAME

CP - Copy files and directories

SYNOPSIS

CP [OPTION] -- [-T] SOURCE DEST

CP [OPTION] .. SOURCE

Description

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

-a, --archive

Same as -cR --preserve=all

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9/9/22