Hyunjae Kim, Tue(2:00pm ~3:50pm), lab 1, 03/31/2020

B.

flip1 ~ 453$ ls

albs assignments lab-1 labs labs1 mail perl5 public\_html Windows.Documents

flip1 ~ 454$ ls -a

. albs .bash\_history .bashrc .config lab-1 labs1 .login mail perl5 .viminfo .Xauthority

.. assignments .bash\_profile .cache .cshrc labs .local .logout .mailrc public\_html Windows.Documents

flip1 ~ 455$ ls -l

total 288

drwxrwx---. 2 kimh6 upg14064 0 Mar 31 14:09 albs

drwxrwx---. 4 kimh6 upg14064 47 Mar 31 17:19 assignments

drwxrwx---. 2 kimh6 upg14064 0 Mar 31 15:26 lab-1

drwxrwx---. 4 kimh6 upg14064 57 Mar 31 15:54 labs

drwxrwx---. 3 kimh6 upg14064 24 Mar 31 16:58 labs1

drwx------. 2 kimh6 upg14064 0 Mar 31 01:05 mail

drwxr-xr-x. 2 kimh6 upg14064 0 Mar 31 12:24 perl5

drwxr-xr-x. 2 kimh6 upg14064 0 Mar 31 01:05 public\_html

drwx------. 10 kimh6 upg14064 216 Mar 31 01:05 Windows.Documents

flip1 ~ 456$ ls -al

total 3056

drwx--x--x. 14 kimh6 upg14064 541 Mar 31 19:26 .

drwxr-xr-x. 10323 root root 259786 Mar 31 19:08 ..

drwxrwx---. 2 kimh6 upg14064 0 Mar 31 14:09 albs

drwxrwx---. 4 kimh6 upg14064 47 Mar 31 17:19 assignments

-rw-------. 1 kimh6 upg14064 5139 Mar 31 19:13 .bash\_history

-rw-r--r--. 1 kimh6 upg14064 243 Mar 31 01:05 .bash\_profile

-rw-r--r--. 1 kimh6 upg14064 1601 Mar 31 01:05 .bashrc

drwxr-xr-x. 3 kimh6 upg14064 22 Mar 31 12:24 .cache

drwxr-xr-x. 3 kimh6 upg14064 22 Mar 31 12:24 .config

-rw-r--r--. 1 kimh6 upg14064 2818 Mar 31 01:05 .cshrc

drwxrwx---. 2 kimh6 upg14064 0 Mar 31 15:26 lab-1

drwxrwx---. 4 kimh6 upg14064 57 Mar 31 15:54 labs

drwxrwx---. 3 kimh6 upg14064 24 Mar 31 16:58 labs1

drwxr-xr-x. 3 kimh6 upg14064 23 Mar 31 12:24 .local

-rw-r--r--. 1 kimh6 upg14064 238 Mar 31 01:05 .login

-rw-r--r--. 1 kimh6 upg14064 205 Mar 31 01:05 .logout

drwx------. 2 kimh6 upg14064 0 Mar 31 01:05 mail

-rw-r--r--. 1 kimh6 upg14064 154 Mar 31 01:05 .mailrc

drwxr-xr-x. 2 kimh6 upg14064 0 Mar 31 12:24 perl5

drwxr-xr-x. 2 kimh6 upg14064 0 Mar 31 01:05 public\_html

-rw-------. 1 kimh6 upg14064 5632 Mar 31 19:10 .viminfo

drwx------. 10 kimh6 upg14064 216 Mar 31 01:05 Windows.Documents

-rw-------. 1 kimh6 upg14064 1152 Mar 31 19:26 .Xauthority

flip1 ~ 458$ man ls

LS(1) User Commands LS(1)

NAME

ls - list directory contents

SYNOPSIS

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

DESCRIPTION

List information about the FILEs (the current directory by default). Sort entries alphabetically if none of -cftuvSUX nor --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 ..

--author

with -l, print the author of each file

-b, --escape

print C-style escapes for nongraphic characters

--block-size=SIZE

scale sizes by SIZE before printing them; e.g., '--block-size=M' prints sizes in units of 1,048,576 bytes; see SIZE format below

-B, --ignore-backups

do not list implied entries ending with ~

-c with -lt: sort by, and show, ctime (time of last modification of file status information); with -l: show ctime and sort by name; otherwise: sort by ctime, newest first

-C list entries by columns

--color[=WHEN]

colorize the output; WHEN can be 'never', 'auto', or 'always' (the default); more info below

-d, --directory

list directories themselves, not their contents

-D, --dired

generate output designed for Emacs' dired mode

-f do not sort, enable -aU, disable -ls --color

-F, --classify

append indicator (one of \*/=>@|) to entries

--file-type

likewise, except do not append '\*'

--format=WORD

across -x, commas -m, horizontal -x, long -l, single-column -1, verbose -l, vertical -C

--full-time

flip1 ~ 458$ ls --help

Usage: ls [OPTION]... [FILE]...

List information about the FILEs (the current directory by default).

Sort entries alphabetically if none of -cftuvSUX nor --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 ..

--author with -l, print the author of each file

-b, --escape print C-style escapes for nongraphic characters

--block-size=SIZE scale sizes by SIZE before printing them; e.g.,

'--block-size=M' prints sizes in units of

1,048,576 bytes; see SIZE format below

-B, --ignore-backups do not list implied entries ending with ~

-c with -lt: sort by, and show, ctime (time of last

modification of file status information);

with -l: show ctime and sort by name;

otherwise: sort by ctime, newest first

-C list entries by columns

--color[=WHEN] colorize the output; WHEN can be 'never', 'auto',

or 'always' (the default); more info below

-d, --directory list directories themselves, not their contents

-D, --dired generate output designed for Emacs' dired mode

-f do not sort, enable -aU, disable -ls --color

-F, --classify append indicator (one of \*/=>@|) to entries

--file-type likewise, except do not append '\*'

--format=WORD across -x, commas -m, horizontal -x, long -l,

single-column -1, verbose -l, vertical -C

--full-time like -l --time-style=full-iso

-g like -l, but do not list owner

--group-directories-first

group directories before files;

can be augmented with a --sort option, but any

use of --sort=none (-U) disables grouping

-G, --no-group in a long listing, don't print group names

-h, --human-readable with -l, print sizes in human readable format

(e.g., 1K 234M 2G)

--si likewise, but use powers of 1000 not 1024

-H, --dereference-command-line

follow symbolic links listed on the command line

--dereference-command-line-symlink-to-dir

follow each command line symbolic link

that points to a directory

--hide=PATTERN do not list implied entries matching shell PATTERN

(overridden by -a or -A)

--indicator-style=WORD append indicator with style WORD to entry names:

none (default), slash (-p),

file-type (--file-type), classify (-F)

-i, --inode print the index number of each file

-I, --ignore=PATTERN do not list implied entries matching shell PATTERN

-k, --kibibytes default to 1024-byte blocks for disk usage

-l use a long listing format

-L, --dereference when showing file information for a symbolic

link, show information for the file the link

references rather than for the link itself

-m fill width with a comma separated list of entries

-n, --numeric-uid-gid like -l, but list numeric user and group IDs

-N, --literal print raw entry names (don't treat e.g. control

characters specially)

-o like -l, but do not list group information

-p, --indicator-style=slash

append / indicator to directories

-q, --hide-control-chars print ? instead of nongraphic characters

--show-control-chars show nongraphic characters as-is (the default,

unless program is 'ls' and output is a terminal)

-Q, --quote-name enclose entry names in double quotes

--quoting-style=WORD use quoting style WORD for entry names:

literal, locale, shell, shell-always, c, escape

-r, --reverse reverse order while sorting

-R, --recursive list subdirectories recursively

-s, --size print the allocated size of each file, in blocks

-S sort by file size

--sort=WORD sort by WORD instead of name: none (-U), size (-S),

time (-t), version (-v), extension (-X)

--time=WORD with -l, show time as WORD instead of default

modification time: atime or access or use (-u)

ctime or status (-c); also use specified time

as sort key if --sort=time

--time-style=STYLE with -l, show times using style STYLE:

full-iso, long-iso, iso, locale, or +FORMAT;

FORMAT is interpreted like in 'date'; if FORMAT

is FORMAT1<newline>FORMAT2, then FORMAT1 applies

to non-recent files and FORMAT2 to recent files;

if STYLE is prefixed with 'posix-', STYLE

takes effect only outside the POSIX locale

-t sort by modification time, newest first

-T, --tabsize=COLS assume tab stops at each COLS instead of 8

-u with -lt: sort by, and show, access time;

with -l: show access time and sort by name;

otherwise: sort by access time

-U do not sort; list entries in directory order

-v natural sort of (version) numbers within text

-w, --width=COLS assume screen width instead of current value

-x list entries by lines instead of by columns

-X sort alphabetically by entry extension

-1 list one file per line

SELinux options:

--lcontext Display security context. Enable -l. Lines

will probably be too wide for most displays.

-Z, --context Display security context so it fits on most

displays. Displays only mode, user, group,

security context and file name.

--scontext Display only security context and file name.

--help display this help and exit

--version output version information and exit

SIZE is an integer and optional unit (example: 10M is 10\*1024\*1024). Units

are K, M, G, T, P, E, Z, Y (powers of 1024) or KB, MB, ... (powers of 1000).

Using color to distinguish file types is disabled both by default and

with --color=never. With --color=auto, ls emits color codes only when

standard output is connected to a terminal. The LS\_COLORS environment

variable can change the settings. Use the dircolors command to set it.

Exit status:

0 if OK,

1 if minor problems (e.g., cannot access subdirectory),

2 if serious trouble (e.g., cannot access command-line argument).

GNU coreutils online help: <http://www.gnu.org/software/coreutils/>

For complete documentation, run: info coreutils 'ls invocation'

flip1 ~ 459$ apropos edit

nedit (1x) - Text Editor

audacity (1) - Graphical cross-platform audio editor

avr-elfedit (1) - Update the ELF header of ELF files.

bluefish (1) - editor for experienced web designers and programmers

cinnamon-menu-editor (1) - Editor for the panel menu

cross-elfedit (1) - Update the ELF header of ELF files.

csh (1) - C shell with file name completion and command line editing

desktop-file-edit (1) - Installation and edition of desktop files

desktop-file-install (1) - Installation and edition of desktop files

dotty (1) - A Customizable Graph Editor

ed (1) - line-oriented text editor

ed (1p) - edit text

editdiff (1) - fix offsets and counts of a hand-edited diff

editline (3) - line editor, history and tokenization functions

editmap (8) - query and edit single records in database maps for sendmail

editmap.sendmail (8) - query and edit single records in database maps for sendmail

editrc (5) - configuration file for editline library

edquota (8) - edit user quotas

el\_deletestr (3) - line editor, history and tokenization functions

el\_end (3) - line editor, history and tokenization functions

el\_get (3) - line editor, history and tokenization functions

el\_getc (3) - line editor, history and tokenization functions

el\_gets (3) - line editor, history and tokenization functions

el\_history (3) - line editor, history and tokenization functions

el\_history\_end (3) - line editor, history and tokenization functions

el\_history\_init (3) - line editor, history and tokenization functions

el\_init (3) - line editor, history and tokenization functions

el\_insertstr (3) - line editor, history and tokenization functions

el\_line (3) - line editor, history and tokenization functions

el\_parse (3) - line editor, history and tokenization functions

el\_push (3) - line editor, history and tokenization functions

el\_reset (3) - line editor, history and tokenization functions

el\_resize (3) - line editor, history and tokenization functions

el\_set (3) - line editor, history and tokenization functions

el\_source (3) - line editor, history and tokenization functions

el\_tok\_end (3) - line editor, history and tokenization functions

el\_tok\_init (3) - line editor, history and tokenization functions

el\_tok\_line (3) - line editor, history and tokenization functions

el\_tok\_reset (3) - line editor, history and tokenization functions

el\_tok\_str (3) - line editor, history and tokenization functions

elfedit (1) - Update the ELF header of ELF files.

epstool (1) - Edit preview images and fix bounding boxes in EPS files.

evim (1) - easy Vim, edit a file with Vim and setup for modeless editing

ex (1) - Vi IMproved, a programmers text editor

ex (1p) - text editor

gdal\_edit (1) - gdal\_edit.py Edit in place various information of an existing GDAL dataset

gdal\_utilities (1) - GDAL Utilities The following utility programs are distributed with GDAL.

gedit (1) - text editor for the GNOME Desktop

gex (1) - Vi IMproved, a programmers text editor

Git::SVN::Editor (3pm) - commit driver for "git svn set-tree" and dcommit

gm (1) - command-line utility to create, edit, compare, convert, or display images

grub2-editenv (1) - Manage the GRUB environment block.

gview (1) - Vi IMproved, a programmers text editor

gvim (1) - Vi IMproved, a programmers text editor

gvimdiff (1) - edit two, three or four versions of a file with Vim and show differences

ibcacheedit (8) - edit an ibnetdiscover cache

inkscape (1) - an SVG (Scalable Vector Graphics) editing program.

lefty (1) - A Programmable Graphics Editor

lneato (1) - A Customizable Graph Editor

lyxclient (1) - send commands to a running LyX editor

mips64-linux-gnu-elfedit (1) - Update the ELF header of ELF files.

msgfilter (1) - edit translations of message catalog

nano (1) - Nano's ANOther editor, an enhanced free Pico clone

nedit-client (1x) - Client program for NEdit text editor

nfs4\_editfacl (1) - manipulate NFSv4 file/directory access control lists

nm-connection-editor (1) - network connection editor for NetworkManager

npm-edit (1) - Edit an installed package

ospam (1) - An SGML/XML markup stream editor

pdbedit (8) - manage the SAM database (Database of Samba Users)

tc-pedit (8) - generic packet editor action

pico (1) - simple text editor in the style of the Alpine Composer

pmlogconf (1) - create/edit a pmlogger configuration file

policyeditor (1) - view and modify security policy settings for javaws and the browser plugin

psed (1) - a stream editor

readline (3) - get a line from a user with editing

red (1) - line-oriented text editor

rediff (1) - fix offsets and counts of a hand-edited diff

rnano (1) - Restricted mode for Nano's ANOther editor, an enhanced free Pico clone

rvi (1) - Vi IMproved, a programmers text editor

rview (1) - Vi IMproved, a programmers text editor

rvim (1) - Vi IMproved, a programmers text editor

s2p (1) - a stream editor

samba-regedit (8) - ncurses based tool to manage the Samba registry

sed (1) - stream editor for filtering and transforming text

sed (1p) - stream editor

singularity-config-global (1) - Edit singularity.conf from command line (root user only)

tc-skbedit (8) - SKB editing action

spam (1) - An SGML/XML markup stream editor

sudoedit (8) - execute a command as another user

tc-skbmod (8) - user-friendly packet editor action

tcsh (1) - C shell with file name completion and command line editing

ttk::entry (n) - Editable text field widget

vi (1) - Vi IMproved, a programmers text editor

vi (1p) - screen-oriented (visual) display editor

view (1) - Vi IMproved, a programmers text editor

vigr (8) - edit the password, group, shadow-password or shadow-group file

vim (1) - Vi IMproved, a programmers text editor

vimdiff (1) - edit two, three or four versions of a file with Vim and show differences

vimdot (1) - Combined text editor and dot viewer

vimrc (5) - Vi IMproved, a programmers text editor

vimx (1) - Vi IMproved, a programmers text editor

vipw (8) - edit the password, group, shadow-password or shadow-group file

virc (5) - Vi IMproved, a programmers text editor

visudo (8) - edit the sudoers file

vorbiscomment (1) - List or edit comments in Ogg Vorbis files

XmDataFieldSetEditable (3) - A DataField function that sets the edit permission

XmListUpdateSelectedList (3) - A List function that updates the XmNselectedItems resource

XmTextFieldGetEditable (3) - A TextField function that accesses the edit permission state

XmTextFieldSetEditable (3) - A TextField function that sets the edit permission

XmTextGetEditable (3) - A Text function that accesses the edit permission state

XmTextSetEditable (3) - A Text function that sets the edit permission

yum-groups-manager (1) - create and edit yum's group metadata

zipnote (1) - write the comments in zipfile to stdout, edit comments and rename files in zipfile

zshzle (1) - zsh command line editor

flip1 ~ 460$ s

bash: s: command not found

flip1 ~ 461$ aropos editor

bash: aropos: command not found

flip1 ~ 462$ aropos editor

bash: aropos: command not found

flip1 ~ 462$ apropos editor

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vimdot (1) - Combined text editor and dot viewer

vimrc (5) - Vi IMproved, a programmers text editor

vimx (1) - Vi IMproved, a programmers text editor

virc (5) - Vi IMproved, a programmers text editor

zshzle (1) - zsh command line editor

flip1 ~ 463$ apropos directory

abrt-action-analyze-backtrace (1) - Analyzes C/C++ backtrace, generates duplication hash, backtrace rating, and identifies crash function in problem directory DIR.

abrt-action-analyze-c (1) - Calculate and save UUID for a problem data directory DIR with coredump.

abrt-action-analyze-oops (1) - Calculate and save UUID and duplicate hash for a problem data directory DIR with kernel oops.

abrt-action-analyze-python (1) - Calculate and save UUID and duplicate hash for a problem data directory DIR with Python crash data.

abrt-action-analyze-xorg (1) - Calculate and save UUID and duplicate hash for a problem data directory DIR with Xorg backtrace.

adcli (8) - Tool for performing actions on an Active Directory domain

alphasort (3) - scan a directory for matching entries

basename (1) - strip directory and suffix from filenames

basename (1p) - return non-directory portion of a pathname

bindtextdomain (3) - set directory containing message catalogs

cacertdir\_rehash (8) - simple script to create or update hash links to certificate files in a directory

cargo-init (1) - Create a new Cargo package in an existing directory

cd (1p) - change the working directory

cd (n) - Change working directory

chacl (1) - change the access control list of a file or directory

chdir (2) - change working directory

chdir (3p) - change working directory

chroot (1) - run command or interactive shell with special root directory

chroot (2) - change root directory

closedir (3) - close a directory

closedir (3p) - close a directory stream

cups-config (1) - get cups api, compiler, directory, and link information.

cups-files.conf (5) - file and directory configuration file for cups

Cwd (3pm) - get pathname of current working directory

dbus-cleanup-sockets (1) - clean up leftover sockets in a directory

depmod.d (5) - Configuration directory for depmod

dir (1) - list directory contents

dirent.h (0p) - format of directory entries

dirfd (3) - get directory stream file descriptor

DirHandle (3pm) - supply object methods for directory handles

dirname (1p) - return the directory portion of a pathname

dirname (3p) - report the parent directory name of a file pathname

faccessat (2) - check user's permissions of a file relative to a directory file descriptor

FcCacheCreateTagFile (3) - Create CACHEDIR.TAG at cache directory.

FcCacheDir (3) - Return directory of cache

FcCacheSubdir (3) - Return the i'th subdirectory.

FcConfigAppFontAddDir (3) - Add fonts from directory to font database

FcConfigEnableHome (3) - controls use of the home directory.

FcConfigGetSysRoot (3) - Obtain the system root directory

FcConfigHome (3) - return the current home directory.

FcConfigSetSysRoot (3) - Set the system root directory

FcDirCacheClean (3) - Clean up a cache directory

FcDirCacheCreateUUID (3) - Create .uuid file at a directory

FcDirCacheLoad (3) - load a directory cache

FcDirCacheRead (3) - read or construct a directory cache

FcDirCacheRescan (3) - Re-scan a directory cache

FcDirCacheValid (3) - check directory cache

FcDirSave (3) - DEPRECATED: formerly used to save a directory cache

FcDirScan (3) - scan a font directory without caching it

FcFileIsDir (3) - check whether a file is a directory

fchdir (2) - change working directory

fchdir (3p) - change working directory

fchmodat (2) - change permissions of a file relative to a directory file descriptor

fchownat (2) - change ownership of a file relative to a directory file descriptor

FcStrDirname (3) - directory part of filename

fdopendir (3) - open a directory

File::Basename (3pm) - Parse file paths into directory, filename and suffix.

File::Find (3pm) - Traverse a directory tree.

File::Listing (3pm) - parse directory listing

File::Path (3pm) - Create or remove directory trees

find (1) - search for files in a directory hierarchy

find-jar (1) - find extension JAR or directory

FindBin (3pm) - Locate directory of original perl script

flatpak-build (1) - Build in a directory

flatpak-build-export (1) - Create a repository from a build directory

flatpak-build-finish (1) - Finalize a build directory

flatpak-build-init (1) - Initialize a build directory

flatpak-build-update-repo (1) - Create a repository from a build directory

fstatat (2) - get file status relative to a directory file descriptor

fstatat64 (2) - get file status relative to a directory file descriptor

function::task\_cwd\_path (3stap) - get the path struct pointer for a task's current working directory

futimesat (2) - change timestamps of a file relative to a directory file descriptor

get\_current\_dir\_name (3) - get current working directory

getcwd (2) - get current working directory

getcwd (3) - get current working directory

getcwd (3p) - get the pathname of the current working directory

getdents (2) - get directory entries

getdents64 (2) - get directory entries

getdirentries (3) - get directory entries in a file system-independent format

getwd (3) - get current working directory

getwd (3p) - get the current working directory pathname (LEGACY)

git-clone (1) - Clone a repository into a new directory

git-mv (1) - Move or rename a file, a directory, or a symlink

git-stash (1) - Stash the changes in a dirty working directory away

grub2-mknetdir (1) - Prepare a GRUB netboot directory.

IO::Dir (3pm) - supply object methods for directory handles

ldap (3) - OpenLDAP Lightweight Directory Access Protocol API

linkat (2) - create a file link relative to directory file descriptors

lndir (1) - create a shadow directory of symbolic links to another directory tree

lookup\_dcookie (2) - return a directory entry's path

ls (1) - list directory contents

ls (1p) - list directory contents

mkdir (2) - create a directory

mkdir (3p) - make a directory

mkdirat (2) - create a directory relative to a directory file descriptor

mkdirhier (1) - makes a directory hierarchy

mkdtemp (3) - create a unique temporary directory

mkfifoat (3) - make a FIFO (named pipe) relative to a directory file descriptor

mkfontdir (1) - create an index of X font files in a directory

mklost+found (8) - create a lost+found directory on a mounted Linux second extended file system

mknod (3p) - make a directory, a special file, or a regular file

mknodat (2) - create a special or ordinary file relative to a directory file descriptor

mktemp (1) - create a temporary file or directory

modprobe.conf (5) - Configuration directory for modprobe

modprobe.d (5) - Configuration directory for modprobe

mountpoint (1) - see if a directory is a mountpoint

Net::LDAP (3pm) - Lightweight Directory Access Protocol

Net::LDAP::Extra::eDirectory (3pm) - - extensions for Novell eDirectory

nfs4\_editfacl (1) - manipulate NFSv4 file/directory access control lists

nfs4\_getfacl (1) - get NFSv4 file/directory access control lists

nfs4\_setfacl (1) - manipulate NFSv4 file/directory access control lists

ntfsls (8) - list directory contents on an NTFS filesystem

oldfind (1) - search for files in a directory hierarchy

openat (2) - open a file relative to a directory file descriptor

opendir (3) - open a directory

opendir (3p) - open a directory

pam\_mkhomedir (8) - PAM module to create users home directory

pam\_oddjob\_mkhomedir (8) - PAM module to create users home directory via oddjob

pmdads389 (1) - 389 Directory Server PMDA

pmdads389log (1) - 389 Directory Server Log PMDA

Pod::Find (3pm) - find POD documents in directory trees

Pod::Simple::Search (3pm) - find POD documents in directory trees

probe::nfsd.unlink (3stap) - NFS server removing a file or a directory for client

pwd (1) - print name of current/working directory

pwd (1p) - return working directory name

pwd (n) - Return the absolute path of the current working directory

pwdx (1) - report current working directory of a process

readdir (2) - read directory entry

readdir (3) - read a directory

readdir (3p) - read a directory

readdir\_r (3) - read a directory

readdir\_r (3p) - read a directory

readlinkat (2) - read value of a symbolic link relative to a directory file descriptor

remove (3) - remove a file or directory

renameat (2) - rename a file relative to directory file descriptors

repomanage (1) - list the newest or oldest RPM packages in a directory

reporter-mailx (1) - Sends contents of a problem directory via email.

reporter-upload (1) - Uploads compressed tarball of problem directory.

reposync (1) - synchronize yum repositories to a local directory

revpath (1) - generate a relative path that can be used to undo a change-directory

rewinddir (3) - reset directory stream

rewinddir (3p) - reset the position of a directory stream to the beginning of a directory

rm (1p) - remove directory entries

rmdir (2) - delete a directory

rmdir (3p) - remove a directory

sa2 (8) - Write a daily report in the /var/log/sa directory.

scandir (3) - scan a directory for matching entries

scandirat (3) - scan a directory relative to a directory file descriptor

sd\_journal\_open\_directory (3) - Open the system journal for reading

seekdir (3) - set the position of the next readdir() call in the directory stream.

seekdir (3p) - set the position of a directory stream

singularity-oci-create (1) - Create a container from a bundle directory (root user only)

singularity-oci-run (1) - Create/start/attach/delete a container from a bundle directory (root user only)

smbcacls (1) - Set or get ACLs on an NT file or directory names

sssd-ad (5) - SSSD Active Directory provider

symlinkat (2) - create a symbolic link relative to a directory file descriptor

Tcl\_Chdir (3) - manipulate the current working directory

Tcl\_FSCopyDirectory (3) - procedures to interact with any filesystem

Tcl\_FSCreateDirectory (3) - procedures to interact with any filesystem

Tcl\_FSMatchInDirectory (3) - procedures to interact with any filesystem

Tcl\_FSRemoveDirectory (3) - procedures to interact with any filesystem

Tcl\_GetCwd (3) - manipulate the current working directory

Tcl\_TranslateFileName (3) - convert file name to native form and replace tilde with home directory

telldir (3) - return current location in directory stream

telldir (3p) - current location of a named directory stream

TIFFWriteDirectory (3tiff) - write the current directory in an open TIFF file

TIFFquery (3tiff) - query routines

TIFFPrintDirectory (3tiff) - print a description of a TIFF directory

TIFFReadDirectory (3tiff) - get the contents of the next directory in an open TIFF file

TIFFSetDirectory (3tiff) - set the current directory for an open TIFF file

tk\_chooseDirectory (n) - pops up a dialog box for the user to select a directory.

unlink (3p) - remove a directory entry

unlinkat (2) - remove a directory entry relative to a directory file descriptor

vdir (1) - list directory contents

versionsort (3) - scan a directory for matching entries

XmFileSelectionDoSearch (3) - A FileSelectionBox function that initiates a directory search

flip1 ~ 465$ apropos directory | less

abrt-action-analyze-backtrace (1) - Analyzes C/C++ backtrace, generates duplication hash, backtrace rating, and identifies crash function in problem directory DIR.

abrt-action-analyze-c (1) - Calculate and save UUID for a problem data directory DIR with coredump.

abrt-action-analyze-oops (1) - Calculate and save UUID and duplicate hash for a problem data directory DIR with kernel oops.

abrt-action-analyze-python (1) - Calculate and save UUID and duplicate hash for a problem data directory DIR with Python crash data.

abrt-action-analyze-xorg (1) - Calculate and save UUID and duplicate hash for a problem data directory DIR with Xorg backtrace.

adcli (8) - Tool for performing actions on an Active Directory domain

alphasort (3) - scan a directory for matching entries

basename (1) - strip directory and suffix from filenames

basename (1p) - return non-directory portion of a pathname

bindtextdomain (3) - set directory containing message catalogs

cacertdir\_rehash (8) - simple script to create or update hash links to certificate files in a directory

cargo-init (1) - Create a new Cargo package in an existing directory

cd (1p) - change the working directory

cd (n) - Change working directory

chacl (1) - change the access control list of a file or directory

chdir (2) - change working directory

chdir (3p) - change working directory

chroot (1) - run command or interactive shell with special root directory

chroot (2) - change root directory

closedir (3) - close a directory

closedir (3p) - close a directory stream

cups-config (1) - get cups api, compiler, directory, and link information.

cups-files.conf (5) - file and directory configuration file for cups

Cwd (3pm) - get pathname of current working directory

dbus-cleanup-sockets (1) - clean up leftover sockets in a directory

depmod.d (5) - Configuration directory for depmod

dir (1) - list directory contents

dirent.h (0p) - format of directory entries

dirfd (3) - get directory stream file descriptor

DirHandle (3pm) - supply object methods for directory handles

dirname (1p) - return the directory portion of a pathname

dirname (3p) - report the parent directory name of a file pathname

faccessat (2) - check user's permissions of a file relative to a directory file descriptor

FcCacheCreateTagFile (3) - Create CACHEDIR.TAG at cache directory.

FcCacheDir (3) - Return directory of cache

FcCacheSubdir (3) - Return the i'th subdirectory.

FcConfigAppFontAddDir (3) - Add fonts from directory to font database

FcConfigEnableHome (3) - controls use of the home directory.

FcConfigGetSysRoot (3) - Obtain the system root directory

FcConfigHome (3) - return the current home directory.

FcConfigSetSysRoot (3) - Set the system root directory

FcDirCacheClean (3) - Clean up a cache directory

FcDirCacheCreateUUID (3) - Create .uuid file at a directory

FcDirCacheLoad (3) - load a directory cache

FcDirCacheRead (3) - read or construct a directory cache

FcDirCacheRescan (3) - Re-scan a directory cache

FcDirCacheValid (3) - check directory cache

FcDirSave (3) - DEPRECATED: formerly used to save a directory cache

FcDirScan (3) - scan a font directory without caching it

FcFileIsDir (3) - check whether a file is a directory

fchdir (2) - change working directory

fchdir (3p) - change working directory

fchmodat (2) - change permissions of a file relative to a directory file descriptor

fchownat (2) - change ownership of a file relative to a directory file descriptor

FcStrDirname (3) - directory part of filename

fdopendir (3) - open a directory

File::Basename (3pm) - Parse file paths into directory, filename and suffix.

File::Find (3pm) - Traverse a directory tree.

flip1 ~ 466$ cd labs2

flip1 ~/labs2 467$ mkdir lab\_1

flip1 ~/labs2 468$ cd lab\_1

flip1 ~/labs2/lab\_1 469$ pwd

/nfs/stak/users/kimh6/labs2/lab\_1

flip1 ~/labs2/lab\_1 470$ cd ..

flip1 ~/labs2 471$ pwd

/nfs/stak/users/kimh6/labs2

flip1 ~/labs2 472$ cd ~

flip1 ~ 473$ pwd

/nfs/stak/users/kimh6

flip1 ~ 486$ cd labs2/lab\_1

flip1 ~/labs2/lab\_1 487$ pwd

/nfs/stak/users/kimh6/labs2/lab\_1

E. 1. In case of GNU compiler, it informs that where the error is, and the reason of error. In case of Clang compiler, it shows the whole line where the error is, and the reason of error.

2. In case of GNU compiler, it showed that ‘cout’ and ‘endl’ were not declared in the scope.

In case of Clang compiler, it showed that both ‘cout’ and ‘endl’ were not declared in the scope, and there were warning which was informing that using directives refers to implicitly-defined namespace ‘std’.

3. There were no error messages when I do both GNU compiler and Clang compiler.

4. In case of Clang compiler, there were 2 warnings and 1 error. Both warnings were about missing ‘ ” ’ character, and the error message was ‘ expressed expression’.

In case of GNU compiler, there were errors and warning messages about missing ‘ “ ‘ character, and there were also errors in the function ‘int main()’. Error messages were that in the function, ‘in’ was not declared and there was expected ‘;’ before ‘work’.

Challenge 1. #include <iostream>

using namespace std;

int main(){

cout << "Turn"

<<" in work late and ignore deadlines" << endl;

return 0;

}

Output : Turn in work late and ignore deadlines

I would use ‘<<’ to put the first word of my advice on one line and rest of the advice on another line in my program.

Challenge 2

#include <iostream>

using namespace std;

int main(){

cout << "Turn"

<<endl << " in work late and ignore deadlines" << endl;

return 0;

}

Output : Turn

in work late and ignore deadlines

I would put ‘<<endl’ between “Turn” and “in work late and ignore deadlines” in order to put the first word of my advice on one line and rest of the advice on another line in the output to the screen.

F. 1. My program will request 4 inputs from the user.

2. I will decide ‘good fortunes’ and ‘bad fortunes’ as data types to use for each variables.

3. I will predict both good fortunes and bad fortunes.