

Objetivo:

Conocer la importancia del sistema operativo de una computadora, así como sus funciones. Explorar un sistema operativo GNU/Linux con el fin de conocer y utilizar los comandos básicos en GNU/Linux.

Introducción

El Sistema Operativo es el conjunto de programas y datos que administra los recursos tanto de hardware (dispositivos) como de software (programas y datos) de un sistema de cómputo y/o comunicación. Además funciona como interfaz entre la computadora y el usuario o aplicaciones.

En la actualidad existen diversos sistemas operativos; por ejemplo, para equipos de cómputo están Windows, Linux, Mac OS entre otros. Para el caso de dispositivos móviles se encuentran Android, IOS, Windows Phone entre otros. Cada uno de ellos tiene diferentes versiones y distribuciones que se ajustan a los diversos equipos de cómputo y comunicación en los que trabajan.

Los componentes de un sistema operativo, de forma general, son:

- Gestor de memoria,
- Administrador y planificador de procesos,
- Sistema de archivos y
- Administración de E/S.

Comúnmente, estos componentes se encuentran en el kernel o núcleo del sistema operativo.

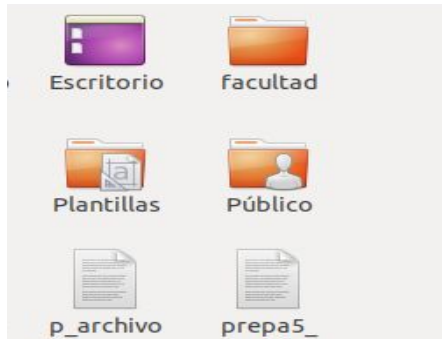
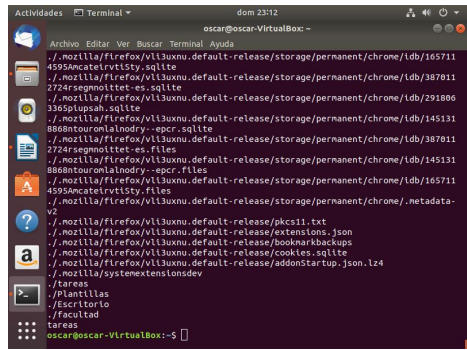
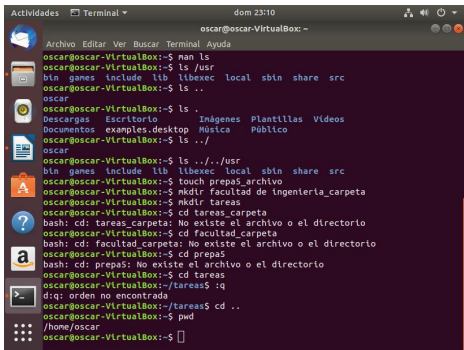
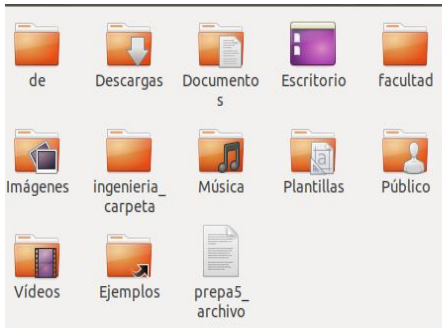
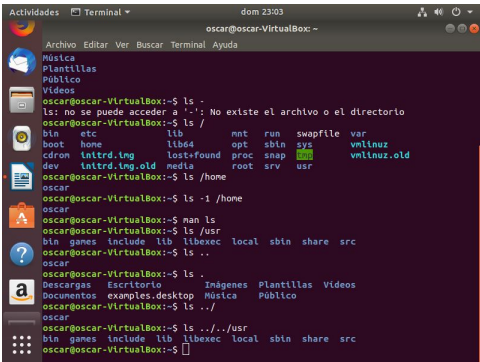
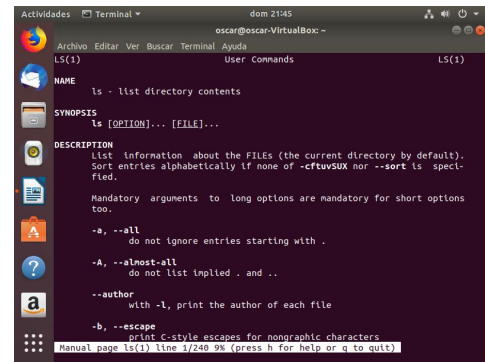
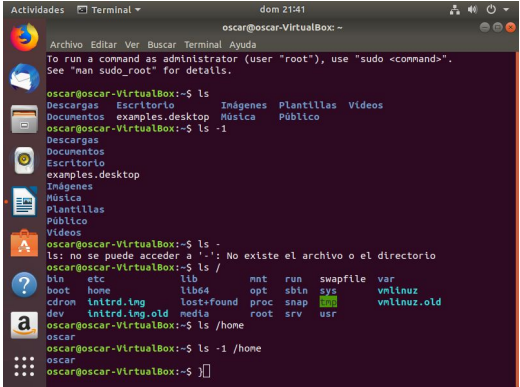
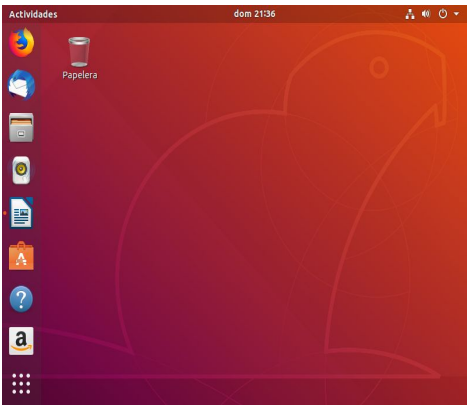
En cuanto a la Interfaz con el usuario, las hay de tipo texto y de tipo gráfico. En la actualidad, es común trabajar con la interfaz gráfica ya que facilita mucho seleccionar la aplicación a utilizar; inclusive esta selección se hace “tocando la pantalla” (técnica touch).

Sin embargo, cuando se desarrollan proyectos donde se elaborarán documentos y programas es necesario el uso de dispositivos de entrada y salida (hardware) y aplicaciones en modo texto (software).

Desarrollo

A lo largo de la practica fuimos llevando el orden que se nos incorporo, primero vimos lo que es general los sistemas, el kernel de cada ellos y lo mas basico de cada sistema, posteriormente supimos lo que es la TERMINAL , la gran importancia que ocurre en este sitio, aprendimos algunos de los muchos comandos que nos ayudan a la fluidez de nuestros trabajos y tambien a sintetizar el trabajo realizado, mediante esta terminal pudimos ir leyendo lo que significaba cada comando y sus derivados para irlos implementando primeramente en el sistema de OS en el laboratorio y posteriormente en casa después de haber descargado GNU Linux en nustras computadoras para realizar los pasos ordenados que nos presentaron.

Resultados:



```
Last login: Fri Aug 23 15:31:30 on console
[Canada23:~ alumno$ ls
-bash: ls: command not found
[Canada23:~ alumno$ ls
-bash: ls: command not found
[Canada23:~ alumno$ ls
-bash: ls: command not found
[Canada23:~ alumno$ ls
Desktop      Documents   Downloads   Library     Pictures
```

Last login: Fri Aug 23 15:31:30 on console

```
[Canada23:~ alumno$ is
-bash: is: command not found
[Canada23:~ alumno$ ls
-bash: ls: command not found
[Canada23:~ alumno$ Is
-bash: Is: command not found
[Canada23:~ alumno$ ls
```

```
-----
[Canada23:~ alumno$ ls ../
Shared      administrador  alumno      curso
Canada23:~ alumno$
```

```
Desktop      Documents      Downloads      Library      Pictures
Canada23:~ alumno$ █
```

```
./Library/Caches/com.apple.parsecd/silhouette_topic_mapping
./Library/Caches/com.apple.parsecd/lookup_hints_weekly_url
./Library/Caches/com.apple.parsecd/CustomFeedback
./Library/Caches/com.apple.parsecd/CustomFeedback/SpotlightResultFeatures
./Library/Caches/com.apple.parsecd/CustomFeedback/SafariAutoFill
./Library/Caches/com.apple.parsecd/CustomFeedback/ProactiveEventTracker
./Library/Caches/com.apple.parsecd/CustomFeedback/Trystero
./Library/Caches/com.apple.parsecd/CustomFeedback/DuetExpert
./Library/Caches/com.apple.parsecd/CustomFeedback/EngagedCompletions
./Library/Caches/com.apple.parsecd/CustomFeedback/PhiDES
./Library/Caches/com.apple.parsecd/CustomFeedback/SafariAutoPlay
./Library/Caches/com.apple.parsecd/EngagedCompletions
./Library/Caches/com.apple.parsecd/EngagedCompletions/Cache.db
./Library/Caches/com.apple.parsecd/crowdsourcing_blacklist_url
./Library/Caches/com.apple.parsecd/crowdsourcing_whitelist_url
./Library/Caches/com.apple.parsecd/installed_app_whitelist_url
./Library/Caches/com.apple.parsecd/spotlight_stopword.map
./Library/Caches/com.apple.parsecd/silhouette_whitelisted_topics
./Library/Caches/com.apple.parsecd/silhouette_config
./Library/Caches/com.apple.parsecd/correction_dict_url
./Library/Caches/com.apple.parsecd/autofill_tld_whitelist_url
./Library/Caches/com.apple.parsecd/lookup_hints_monthly_url
./Library/Caches/com.apple.nsservicescache.plist
./Library/Caches/com.apple.cache_delete
./Library/Caches/com.apple.cache_delete/CacheDeleteRecentInfo_v2
./Library/Caches/com.apple.cache_delete/CacheDeleteAnalytics.plist
./Library/Caches/com.apple.ap.adprivacyd
./Library/Caches/com.apple.ap.adprivacyd/Cache.db-shm
./Library/Caches/com.apple.ap.adprivacyd/Cache.db-wal
./Library/Caches/com.apple.ap.adprivacyd/Cache.db
./Library/Caches/com.apple.iCloudHelper
./Library/Caches/com.apple.iCloudHelper/Cache.db-shm
./Library/Caches/com.apple.iCloudHelper/Cache.db-wal
./Library/Caches/com.apple.iCloudHelper/Cache.db
./nombre_carpeta
./bash_sessions
./bash_sessions/82DCDC48-0583-4023-A440-2C306E9B7E57.historynew
./tarear
./Trash
./Trash/.DS_Store
./Trash/Captura de pantalla 2019-08-23 a la(s) 15.45.08.png
```

```
[Canada23:~ alumno$ ls .
Desktop      Documents      Downloads      Library      Pictures
Canada23:~ alumno$ █
```

```
[Canada23:~ alumno$ ls ..
Shared      administrador  alumno      curso
Canada23:~ alumno$
```

```
bash: cp: command not found
[Canada23:~ alumno$ cp archivo_origen archivo_destino
cp: archivo_origen: No such file or directory
[Canada23:~ alumno$ cp_archivo archivo_google
-bash: cp_archivo: command not found
[Canada23:~ alumno$ cp datos.txt datosViejos.txt
cp: datos.txt: No such file or directory
[Canada23:~ alumno$ cp ../archivo_a_copiar .
cp: ../archivo_a_copiar: No such file or directory
Canada23:~ alumno$
```

```
Desktop Documents
[Canada23:~ alumno$ ls -l
Desktop
Documents
Downloads
Library
Pictures
Canada23:~ alumno$
```

```
Last login: Fri Aug 23 15:31:30 on console
Canada23:~ alumno$
```

```
Desktop Documents
[Canada23:~ alumno$ ls -l
Desktop
Documents
Downloads
Library
Pictures
Canada23:~ alumno$
```

```
Canada23:~ alumno$
[Canada23:~ alumno$ ls /home
[Canada23:~ alumno$ ls -l /home
Canada23:~ alumno$

Canada23:~ alumno$ touch nombre_archivo[.ext]
Canada23:~ alumno$ mkdir nombre_carpeta
Canada23:~ alumno$ mkdir tareas
Canada23:~ alumno$
```

```
[Canada23:~ alumno$ ls /home
Canada23:~ alumno$
```

```
./nombre_archivo[.ext]
./Pictures
./Pictures/Fototeca de Fotos.photoslibrary
./Pictures/Fototeca de Fotos.photoslibrary/database
./Pictures/Fototeca de Fotos.photoslibrary/database/photos.db-wal
./Pictures/Fototeca de Fotos.photoslibrary/database/photos.db
./Pictures/Fototeca de Fotos.photoslibrary/database/RKAlbum_name.skindex
./Pictures/Fototeca de Fotos.photoslibrary/database/DataModelVersion.plist
./Pictures/Fototeca de Fotos.photoslibrary/database/RKVersion_searchIndexText.skindex
./Pictures/Fototeca de Fotos.photoslibrary/database/metaSchema.db
./Pictures/Fototeca de Fotos.photoslibrary/database/RKMemory_title.skindex
./Pictures/Fototeca de Fotos.photoslibrary/resources
./Pictures/Fototeca de Fotos.photoslibrary/resources/moments
./Pictures/Fototeca de Fotos.photoslibrary/resources/moments/analysismetadata.plist
./Pictures/Fototeca de Fotos.photoslibrary/resources/moments/historicalmarker.plist
./Pictures/Fototeca de Fotos.photoslibrary/resources/moments/serverinfo.plist
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKKeyword
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKKeyword/0000000000.lij
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKPlace
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKAdminData
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKAdminData/0000000000.lij
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKPerson
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKAlbum
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKAlbum/0000000000.lij
```

```

[Canada23:~ alumno$ mkdir tareas
[Canada23:~ alumno$ cd nombre_carpeta
Canada23:nombre_carpeta alumno$

[Canada23:nombre_carpeta alumno$
[Canada23:nombre_carpeta alumno$ cd tareas
-bash: cd: tareas: No such file or directory
[Canada23:nombre_carpeta alumno$ cd ..
Canada23:~ alumno$

```

LS(1) BSD General Commands Manual

LS(1)

NAME

ls — list directory contents

SYNOPSIS

ls [-ABCFGHLOPRSTUW@abdefghiklnoprstuwXl] [file ...]

DESCRIPTION

For each operand that names a file of a type other than directory, **ls** displays its name as well as any requested, associated information. For each operand that names a file of type directory, **ls** displays the names of files contained within that directory, as well as any requested, associated information.

If no operands are given, the contents of the current directory are displayed. If more than one operand is given, non-directory operands are displayed first; directory and non-directory operands are sorted separately and in lexicographical order.

The following options are available:

- Q Display extended attribute keys and sizes in long (-l) output.
- 1 (The numeric digit 'one'.) Force output to be one entry per line. This is the default when output is not to a terminal.
- A List all entries except for **.** and **..**. Always set for the super-user.
- a Include directory entries whose names begin with a dot (**.**).
- B Force printing of non-printable characters (as defined by ctype(3) and current locale settings) in file names as **\xxx**, where **xxx** is the numeric value of the character in octal.
- b As **-B**, but use C escape codes whenever possible.
- C Force multi-column output; this is the default when output is to a terminal.
- c Use time when file status was last changed for sorting (-t) or long printing (-l).
- d Directories are listed as plain files (not searched recursively).
- e Print the Access Control List (ACL) associated with the file, if present, in long (-l) output.
- F Display a slash ('/') immediately after each pathname that is a directory, an asterisk ('*') after each that is executable, an at sign '@' after each symbolic link, an equals sign '=' after each socket, a percent sign '%' after each whiteout, and a vertical bar '|' after each that is a FIFO.
- f Output is not sorted. This option turns on the **-a** option.
- G Enable colorized output. This option is equivalent to defining CLICOLOR in the environment. (See below.)
- g This option is only available for compatibility with POSIX; it is used to display the group name in the long (-l) format output (the owner name is suppressed).
- H Symbolic links on the command line are followed. This option is assumed if none of the **-F**, **-d**, or **-l** options are specified.
- h When used with the **-l** option, use unit suffixes: Byte, Kilobyte, Megabyte, Gigabyte, Terabyte and Petabyte in order to reduce the number of digits to three or less using base 2 for sizes.
- i For each file, print the file's file serial number (inode number).
- k If the **-a** option is specified, print the file size allocation in kilobytes, not blocks. This option overrides the environment variable BLOCKSIZE.
- L Follow all symbolic links to final target and list the file or directory the link references rather than the link itself. This option cancels the **-P** option.
- l (The lowercase letter 'ell'.) List in long format. (See below.) If the output is to a terminal, a total sum for all the file sizes is output on a line before the long listing.
- m Stream output format: list files across the page, separated by commas.
- n Display user and group IDs numerically, rather than converting to a user or group name in a long (-l) output. This option turns on the **-l** option.
- O Include the file flags in a long (-l) output.
- o List in long format, but omit the group id.
- P If argument is a symbolic link, list the link itself rather than the object the link references. This option cancels the **-H** and **-L** options.
- p Write a slash ('/') after each filename if that file is a directory.
- q Force printing of non-graphic characters in file names as the character '?'; this is the default when output is to a terminal.
- R Recursively list subdirectories encountered.

```

*
./nombre_archivo[.ext]
./Pictures
./Pictures/Fototeca de Fotos.photoslibrary
./Pictures/Fototeca de Fotos.photoslibrary/database
./Pictures/Fototeca de Fotos.photoslibrary/database/photos.db-wal
./Pictures/Fototeca de Fotos.photoslibrary/database/photos.db
./Pictures/Fototeca de Fotos.photoslibrary/database/RKAlbum_name.skindex
./Pictures/Fototeca de Fotos.photoslibrary/database/DataModelVersion.plist
./Pictures/Fototeca de Fotos.photoslibrary/database/RKVersion_searchIndexText.skindex
./Pictures/Fototeca de Fotos.photoslibrary/database/metaSchema.db
./Pictures/Fototeca de Fotos.photoslibrary/database/RKMemory_title.skindex
./Pictures/Fototeca de Fotos.photoslibrary/resources
./Pictures/Fototeca de Fotos.photoslibrary/resources/moments
./Pictures/Fototeca de Fotos.photoslibrary/resources/moments/analysismetadata.plist
./Pictures/Fototeca de Fotos.photoslibrary/resources/moments/historicalmarker.plist
./Pictures/Fototeca de Fotos.photoslibrary/resources/moments/serverinfo.plist
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKKeyword
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKKeyword/0000000000.lij
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKPlace
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKAdminData
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKAdminData/0000000000.lij
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKPerson
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKAlbum
./Pictures/Fototeca de Fotos.photoslibrary/resources/recovery/RKAlbum/0000000000.lij

```

```
Canada23:~ alumno$
Canada23:~ alumno$ touch nombre_archivo[.ext]
Canada23:~ alumno$ mkdir nombre_carpeta
Canada23:~ alumno$ mkdir tareas
Canada23:~ alumno$
```

LS(1) BSD General Commands Manual LS(1)

NAME

ls — list directory contents

SYNOPSIS

ls [-ABCFGHLOPRSTUW@abcdfghiklnopqrstuwkx1] [file ...]

DESCRIPTION

For each operand that names a file of a type other than directory, ls displays its name as well as any requested, associated information. For each operand that names a file of type directory, ls displays the names of files contained within that directory, as well as any requested, associated information.

If no operands are given, the contents of the current directory are displayed. If more than one operand is given, non-directory operands are displayed first; directory and non-directory operands are sorted separately and in lexicographical order.

The following options are available:

- @ Display extended attribute keys and sizes in long (-l) output.
- 1 (The numeric digit 'one'.) Force output to be one entry per line. This is the default when output is not to a terminal.
- A List all entries except for . and .. Always set for the super-user.
- a Include directory entries whose names begin with a dot (.).
- B Force printing of non-printable characters (as defined by ctype(3) and current locale settings) in file names as \xxx, where xxx is the numeric value of the character in octal.
- b As -B, but use C escape codes whenever possible.
- C Force multi-column output; this is the default when output is to a terminal.
- c Use time when file status was last changed for sorting (-t) or long printing (-l).
- d Directories are listed as plain files (not searched recursively).
- e Print the Access Control List (ACL) associated with the file, if present, in long (-l) output.
- F Display a slash (/) immediately after each pathname that is a directory, an asterisk (*) after each that is executable, an at sign (@) after each symbolic link, an equals sign (=) after each socket, a percent sign (%) after each whiteout, and a vertical bar (|) after each that is a FIFO.
- f Output is not sorted. This option turns on the -a option.
- G Enable colorized output. This option is equivalent to defining CLICOLOR in the environment. (See below.)
- g This option is only available for compatibility with POSIX; it is used to display the group name in the long (-l) format output (the owner name is suppressed).
- H Symbolic links on the command line are followed. This option is assumed if none of the -F, -d, or -l options are specified.
- h When used with the -l option, use unit suffixes: Byte, Kilobyte, Megabyte, Gigabyte, Terabyte and Petabyte in order to reduce the number of digits to three or less using base 2 for sizes.
- i For each file, print the file's file serial number (inode number).
- k If the -s option is specified, print the file size allocation in kilobytes, not blocks. This option overrides the environment variable BLOCKSIZE.
- L Follow all symbolic links to final target and list the file or directory the link references rather than the link itself. This option cancels the -P option.
- l (The lowercase letter 'ell'.) List in long format. (See below.) If the output is to a terminal, a total sum for all the file sizes is output on a line before the long listing.
- m Stream output format: list files across the page, separated by commas.
- n Display user and group IDs numerically, rather than converting to a user or group name in a long (-l) output. This option turns on the -l option.
- O Include the file flags in a long (-l) output.
- o List in long format, but omit the group id.
- P If argument is a symbolic link, list the link itself rather than the object the link references. This option cancels the -H and -L options.
- p Write a slash (/) after each filename if that file is a directory.
- q Force printing of non-graphic characters in file names as the character '?'; this is the default when output is to a terminal.
- R Recursively list subdirectories encountered.

```
Canada23:~ alumno$ ls /home
Canada23:~ alumno$ ls -l /home
Canada23:~ alumno$
Canada23:~ alumno$ mkdir tareas
Canada23:~ alumno$ cd nombre_carpeta
Canada23:nombre_carpeta alumno$
```

```
Canada23:nombre_carpeta alumno$
Canada23:nombre_carpeta alumno$ cd tareas
-bash: cd: tareas: No such file or directory
Canada23:nombre_carpeta alumno$ cd ..
Canada23:~ alumno$
```

```
Last login: Fri Aug 23 15:31:30 on console
Canada23:~ alumno$
```

```

[Canada23:~ alumno$ ls .
Desktop      Documents    Downloads    Library      Pictures
[Canada23:~ alumno$ █

```

Last login: Fri Aug 23 15:31:30 on console

```

[Canada23:~ alumno$ is
-bash: is: command not found
[Canada23:~ alumno$ ls
-bash: ls: command not found
[Canada23:~ alumno$ Is
-bash: Is: command not found
[Canada23:~ alumno$ ls
Desktop      Documents    Downloads    Library      Pictures
[Canada23:~ alumno$ █

```

```

[Canada23:~ alumno$ ls ..
Shared      administrador  alumno      curso
[Canada23:~ alumno$ █

```

```

[Canada23:~ alumno$ mv ubicación_origen/archivo ubicación_destino
mv: rename ubicación_origen/archivo to ubicación_destino: No such file or directory
[Canada23:~ alumno$ mv ../archivo_a_reubicar .
mv: rename ../archivo_a_reubicar to ./archivo_a_reubicar: No such file or directory
[Canada23:~ alumno$ mv nombre_actual_archivo nombre_nuevo_archivo
mv: rename nombre_actual_archivo to nombre_nuevo_archivo: No such file or directory
[Canada23:~ alumno$ rm nombre_archivorm nombre_carpeta█

```

```

[Canada23:~ alumno$ ls -l
Desktop      Documents
Downloads
Library
Pictures
[Canada23:~ alumno$ ls ../
Shared      administrador  alumno      curso
[Canada23:~ alumno$ █

```

```

[Canada23:~ alumno$ cp archivo_origen archivo_destino
cp: archivo_origen: No such file or directory
[Canada23:~ alumno$ cp_archivo archivo_google
-bash: cp_archivo: command not found
[Canada23:~ alumno$ cp datos.txt datosViejos.txt
cp: datos.txt: No such file or directory
[Canada23:~ alumno$ cp ../archivo_a_copiar .
cp: ../archivo_a_copiar: No such file or directory
[Canada23:~ alumno$ █

```



```

Canada23:~ alumno$ ls /usr
X11      X11R6
Canada23:~ alumno$

```

	bin	include	lib	libexec	local	sbin	share	stand.
--	-----	---------	-----	---------	-------	------	-------	--------

```

./Library/Caches/com.apple.parsecd/silhouette_topic_mapping
./Library/Caches/com.apple.parsecd/lookup_hints_weekly_url
./Library/Caches/com.apple.parsecd/CustomFeedback
./Library/Caches/com.apple.parsecd/CustomFeedback/SpotlightResultFeatures
./Library/Caches/com.apple.parsecd/CustomFeedback/SafariAutoFill
./Library/Caches/com.apple.parsecd/CustomFeedback/ProactiveEventTracker
./Library/Caches/com.apple.parsecd/CustomFeedback/Trystero
./Library/Caches/com.apple.parsecd/CustomFeedback/DuetExpert
./Library/Caches/com.apple.parsecd/CustomFeedback/EngagedCompletions
./Library/Caches/com.apple.parsecd/CustomFeedback/PhiDES
./Library/Caches/com.apple.parsecd/CustomFeedback/SafariAutoPlay
./Library/Caches/com.apple.parsecd/EngagedCompletions
./Library/Caches/com.apple.parsecd/EngagedCompletions/Cache.db
./Library/Caches/com.apple.parsecd/crowdsourcing_blacklist_url
./Library/Caches/com.apple.parsecd/crowdsourcing_whitelist_url
./Library/Caches/com.apple.parsecd/installed_app_whitelist_url
./Library/Caches/com.apple.parsecd/spotlight_stopword.map
./Library/Caches/com.apple.parsecd/silhouette_whitelisted_topics
./Library/Caches/com.apple.parsecd/silhouette_config
./Library/Caches/com.apple.parsecd/correction_dict_url
./Library/Caches/com.apple.parsecd/autofill_tld_whitelist_url
./Library/Caches/com.apple.parsecd/lookup_hints_monthly_url
./Library/Caches/com.apple.nsservicescache.plist
./Library/Caches/com.apple.cache_delete
./Library/Caches/com.apple.cache_delete/CacheDeleteRecentInfo_v2
./Library/Caches/com.apple.cache_delete/CacheDeleteAnalytics.plist
./Library/Caches/com.apple.ap.adprivacyd
./Library/Caches/com.apple.ap.adprivacyd/Cache.db-shm
./Library/Caches/com.apple.ap.adprivacyd/Cache.db-wal
./Library/Caches/com.apple.ap.adprivacyd/Cache.db
./Library/Caches/com.apple.iCloudHelper
./Library/Caches/com.apple.iCloudHelper/Cache.db-shm
./Library/Caches/com.apple.iCloudHelper/Cache.db-wal
./Library/Caches/com.apple.iCloudHelper/Cache.db
./nombre_carpeta
./.bash_sessions
./.bash_sessions/82DCDC48-0583-4023-A440-2C306E9B7E57.historynew
./tarear
./Trash
./Trash/.DS_Store
./Trash/Captura de pantalla 2019-08-23 a la(s) 15.45.08.png

```

```

Canada23:~ alumno$ mv ubicación_origen/archivo ubicación_destino
mv: rename ubicación_origen/archivo to ubicación_destino: No such file or directory
Canada23:~ alumno$ mv ../archivo_a_reubicar .
mv: rename ../archivo_a_reubicar to ./archivo_a_reubicar: No such file or directory
Canada23:~ alumno$ mv nombre_actual_archivo nombre_nuevo_archivo
mv: rename nombre_actual_archivo to nombre_nuevo_archivo: No such file or directory
Canada23:~ alumno$ rm nombre_archivorm nombre_carpeta

```


Conclusión

Aprendimos cómo se utiliza en general la terminal y mediante la elaboración en el Laboratorio y en casa, podemos decir que si, en la gran mayoría de los comandos presentados, tienen como resultado el mismo en ambas pero sin embargo había comandos que solo eran específicamente de GNU Linux, por lo tanto, vemos como los dos sistemas tienen las mismas bases pero al final de cuentas uno siempre tendrá más que el otro dependiendo desde el punto de vista.

Finalmente en la práctica aprendimos algunos de los muchos comandos que existen, le dimos la suficiente importancia y poco a poco nos damos cuenta como nos vamos adentrando más en la programación. fue una práctica excelente para sacarle todo lo bueno para nuestra formación como profesionistas, en general estuvo muy bien y me da gusto poder conocer un nuevo sistema tan grande como lo es Linux.