

	<b>Carátula para entrega de prácticas</b>	
Facultad de Ingeniería	Laboratorio de docencia	

# Laboratorios de computación

## Salas A y B

<i>Profesor:</i>	Alejandro Esteban Pimentel Alarcon
<i>Asignatura:</i>	Fundamentos de Programacion
<i>Grupo:</i>	135 3
<i>No de Práctica(s):</i>	2
<i>Integrante(s):</i>	Godínez Juárez Alondra Itati
<i>No. de Equipo de cómputo empleado:</i>	40
<i>No. de Lista o Brigada:</i>	316146153
<i>Semestre:</i>	2020-1
<i>Fecha de entrega:</i>	Lunes 25 de Agosto del 2019
<i>Observaciones:</i>	Muy bien, en las últimas instrucciones podría aconsejarte que agregaras también ejemplos del contenido de los archivos para que recuerdes el efecto de los comandos

**CALIFICACIÓN:** 10

# GNU/Linux

## 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.

### - Sistemas Operativos

Es el software principal o conjunto de programas de un sistema informático que gestiona los recursos de hardware y provee servicios a los programas de aplicación de software, ejecutándose en modo privilegiado respecto de los restantes.

### - Linux

Se trabajó en clase desde la terminal la cual es un programa informático que simula el funcionamiento de un terminal de computadora en cualquier dispositivo de visualización.

Desde ahí se trabajan comandos con generalmente la estructura: \$ comando –opciones argumentos; donde los espacios importan, ya que si se olvida uno o se omite, puede hacer que no se ejecute correctamente la instrucción o nada pase. El signo de \$ significa que la terminal espera instrucciones.

Comandos sencillos.

1. \$ date : muestra la fecha actual y hora actualizada
2. \$ whoami : muestra el nombre de usuario en sesión
3. \$ pwd : muestra ruta actual

Navegación entre carpetas.

1. \$ cd muestra el directorio actual
2. \$ cd USER cambia de directorio
3. \$ cd.. regresa al directorio raíz o anterior

Operaciones con archivos

1. \$ touch archivo.txt : crea un nuevo o actualiza un archivo de tipo txt
2. \$ rm archivo.txt : elimina el archivo
3. \$ cp archivo.txt archivo1.txt : copia el archivo a otro existente
4. \$ mv archivo1.txt .. : mueve o renombra el archivo a otro
5. \$ mkdir carpeta : crea una carpeta

Lista de archivos

1. \$ ls : listado de todos los archivos (incluyendo directorios) del directorio

Ayuda sobre comandos

1. \$ man {...} : muestra el manual del comando escrito
2. \$ ls --help :muestra un pequeño resumen de ayuda

Examinar archivos (diferentes comandos)

En la práctica aplicamos los comandos siguientes a un libro en formato txt

1. \$ echo Libro.tx : escribe la oracion sin echo adicionales

```
Tanzania49:Downloads alumno$ echo Libro.txt
Libro.txt
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```

## 2. \$ cat Libro.txt

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Release Date: January 24, 2004 [EBook #18022]
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Character set encoding: ISO-Latin-1
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muerte, como si de este dependiese la felicidad nacional. Además, el
placeres dentro de la vida doméstica y una felicidad positiva en sentirse
nuestras desdichas y de nuestras felicidades. No podemos existir sin la
al fin triunfaremos, consiguiendo nuestra felicidad.
mujeres que concentran su felicidad y su porvenir en un hombre,
quiero un poco y me intereso por su felicidad... ¿Por qué no hablar más
aquel papelillo que contenía todo un mundo de felicidad.
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```
Tanzania49:Downloads alumno$ date >> ahora.txt
Tanzania49:Downloads alumno$ more ahora.txt
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Mon Aug 19 18:44:42 CDT 2019
Tanzania49:Downloads alumno$ date >> ahora.txt
Tanzania49:Downloads alumno$ more ahora.txt
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Mon Aug 19 18:44:42 CDT 2019
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