



## UNIVERSIDAD AUTÓNOMA “TOMÁS FRÍAS” INGENIERÍA DE SISTEMAS

<b>Estudiante:</b>	Univ.Cristian Sixto Sunagua Gira		
<b>Docente:</b>	M.Sc.Ing.J. Alexander Durán.M	<b>Materia:</b>	SIS-737
<b>Auxiliar:</b>	Univ. Aldrin Roger Perez Miranda	<b>Fecha:</b>	05/04/2025
<b>Enlace:</b>		<b>C.I:</b>	8600448

### PARTE 1

#### PASO 1

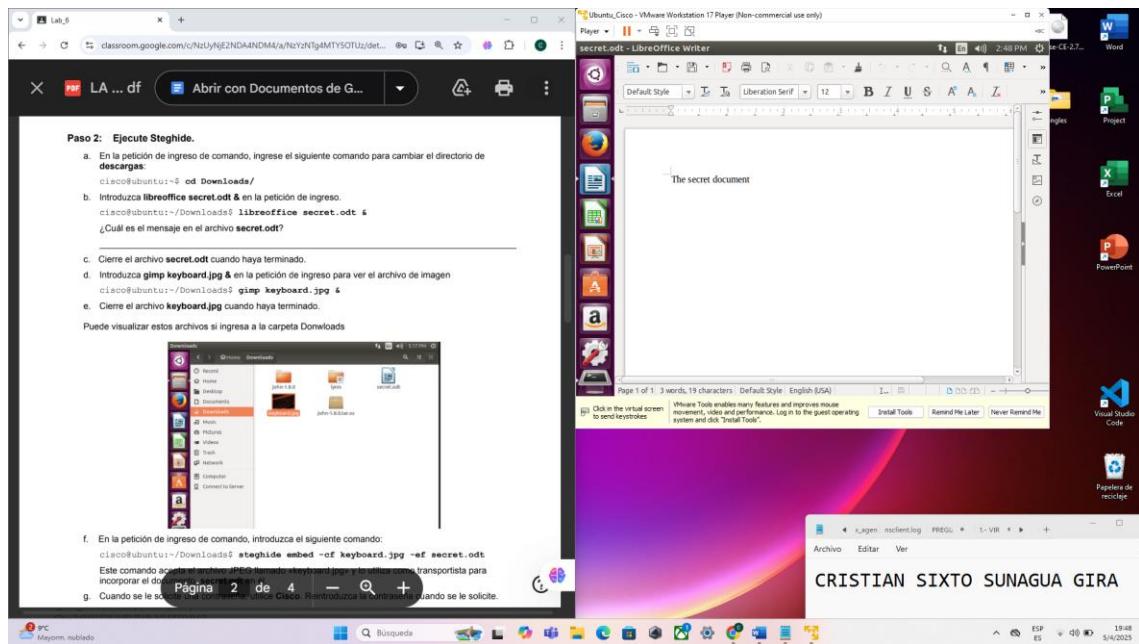
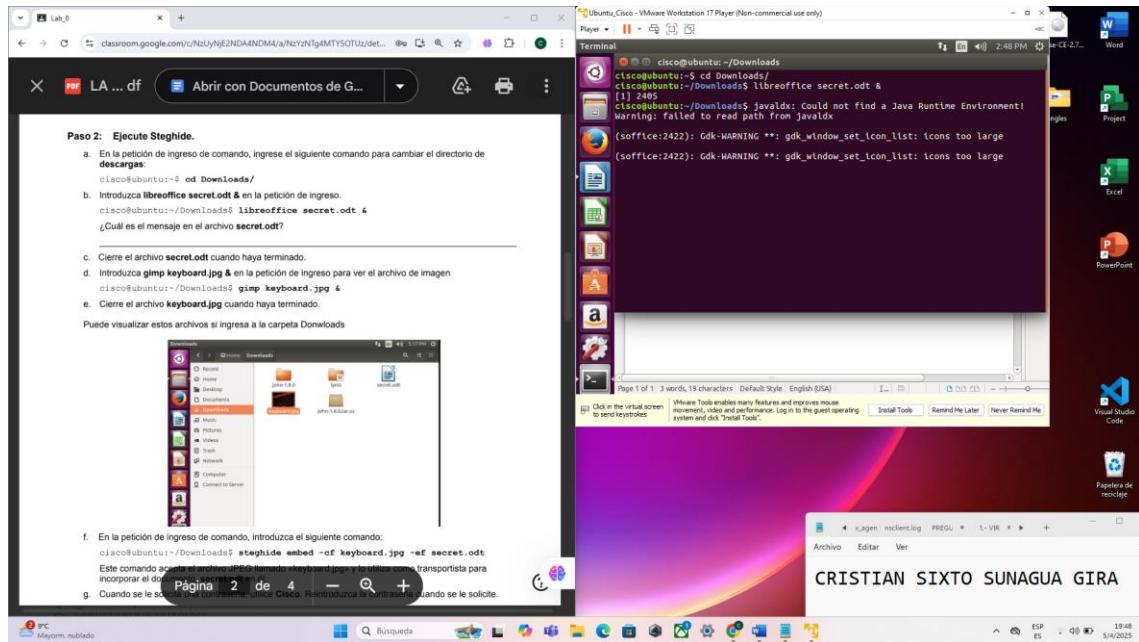
**Paso 1:** Abra una ventana del terminal en Ubuntu.

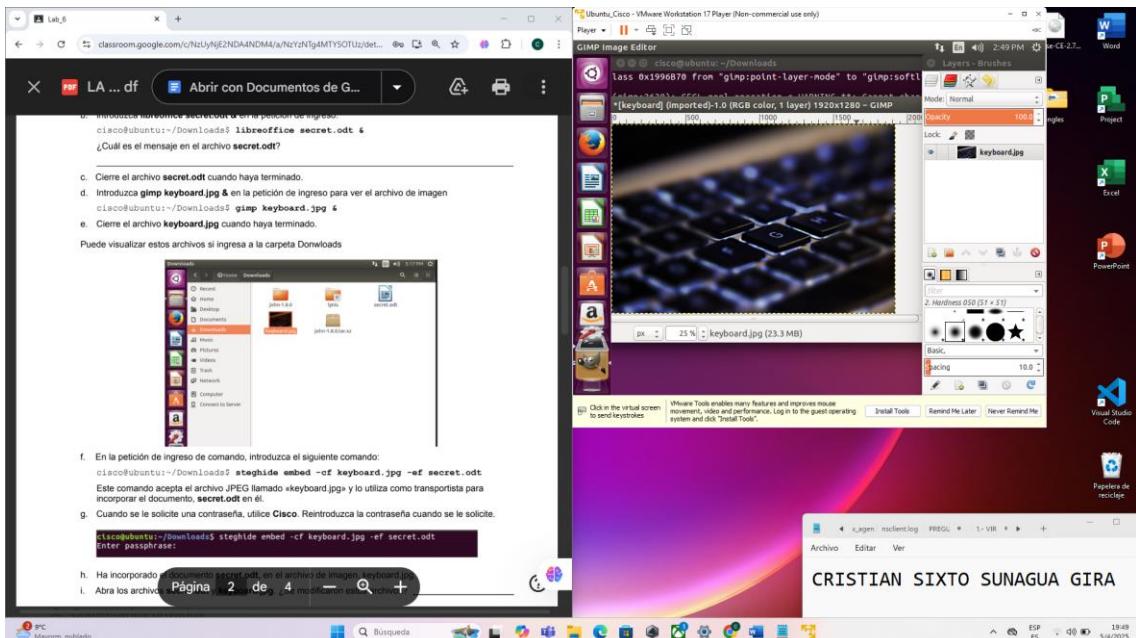
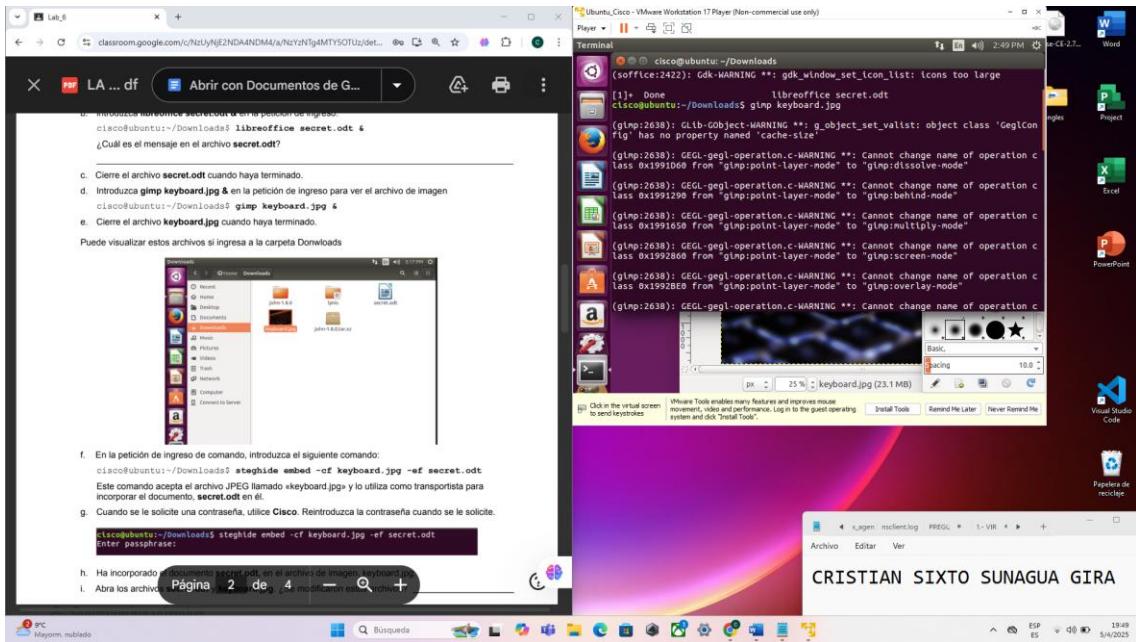
- Inicie sesión en Ubuntu con las siguientes credenciales:  
Usuario: cisco  
Contraseña: password
- Haga clic en el icono de terminal para abrir un terminal.

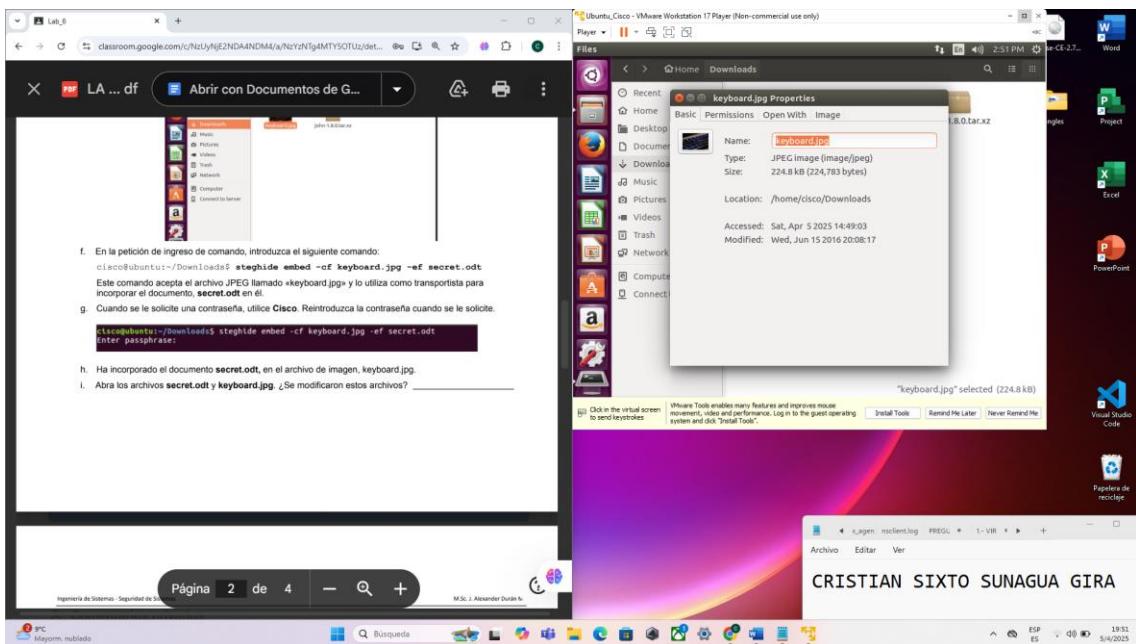
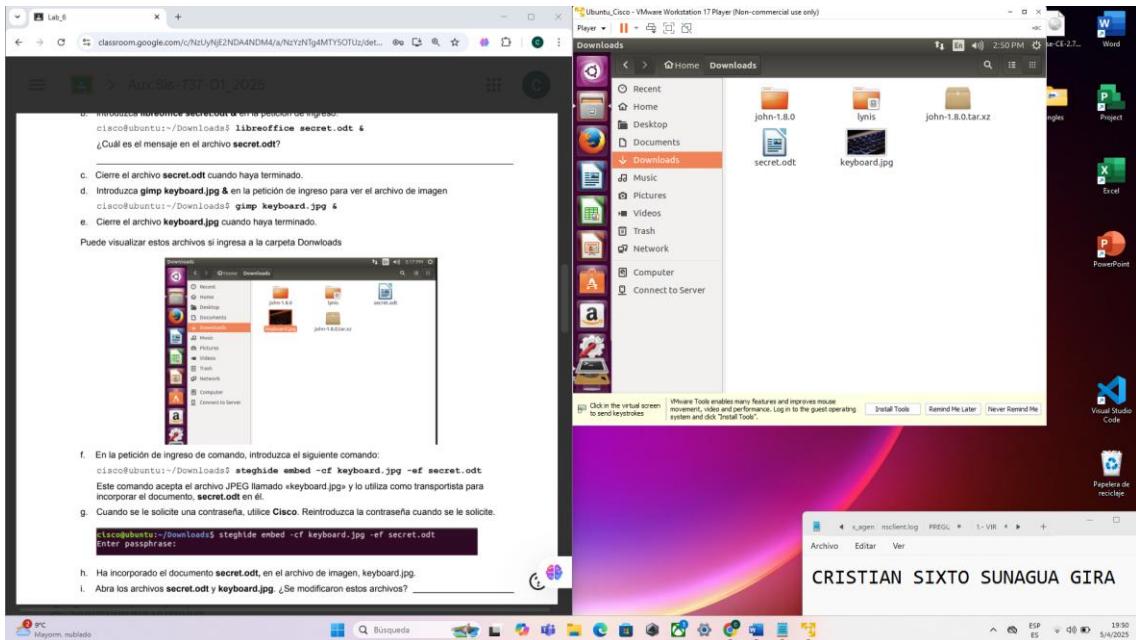
**Paso 2:** Ejecute Steghide.

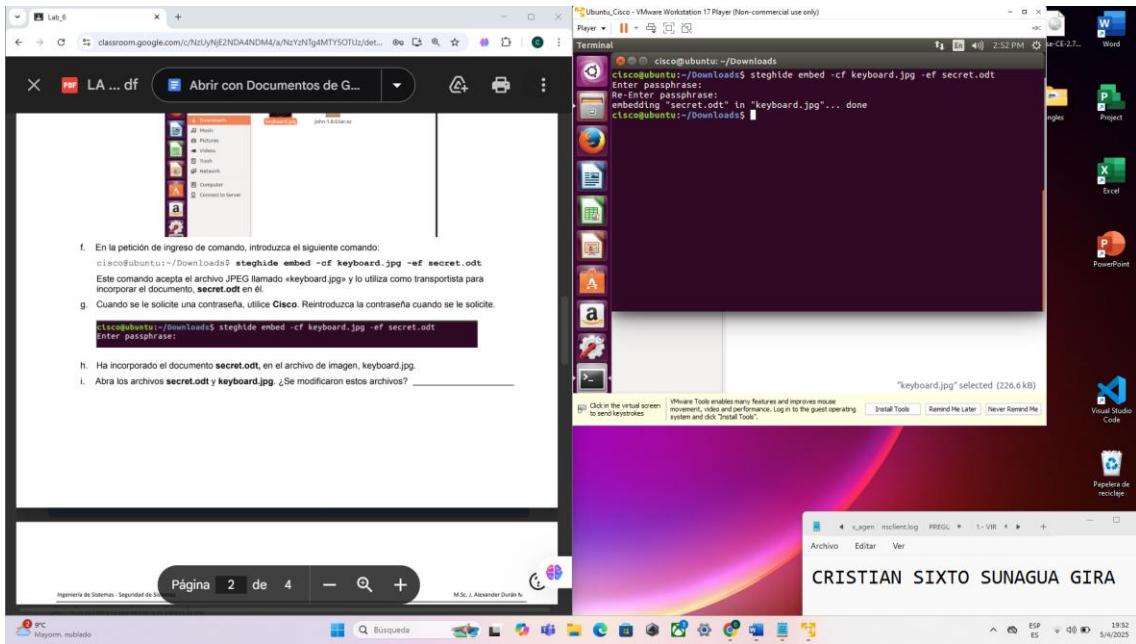
- En la petición de ingreso de comando, ingrese el siguiente comando para cambiar el directorio de descargas:  
cisco@ubuntu:~\$ cd Downloads/
- Introduzca libreoffice secret.odt & en la petición de ingreso.  
cisco@ubuntu:~/Downloads\$ libreoffice secret.odt &  
¿Cuál es el mensaje en el archivo secret.odt?
- Cierre el archivo secret.odt cuando haya terminado.
- Introduzca gimp keyboard.jpg & en la petición de ingreso para ver el archivo de imagen  
cisco@ubuntu:~/Downloads\$ gimp keyboard.jpg &
- Cierre el archivo keyboard.jpg cuando haya terminado.
- En la petición de ingreso de comando, introduzca el siguiente comando:  
cisco@ubuntu:~/Downloads\$ steghide embed -of keyboard.jpg -ef secret.odt  
Este comando insertará el archivo keyboard.jpg dentro de secret.odt y generará un transportista para incorporar el documento secret.odt.
- Cuando se le solicite su contraseña, digite Cisco. Reiniciaría la terminal cuando se lo solicite.

## PASO 2

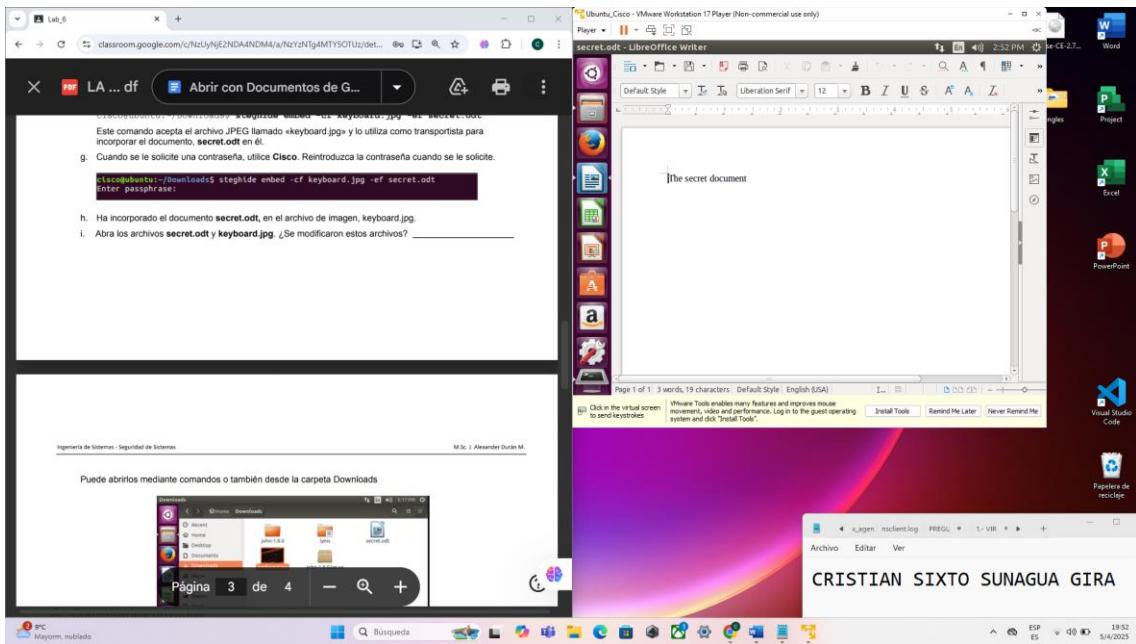




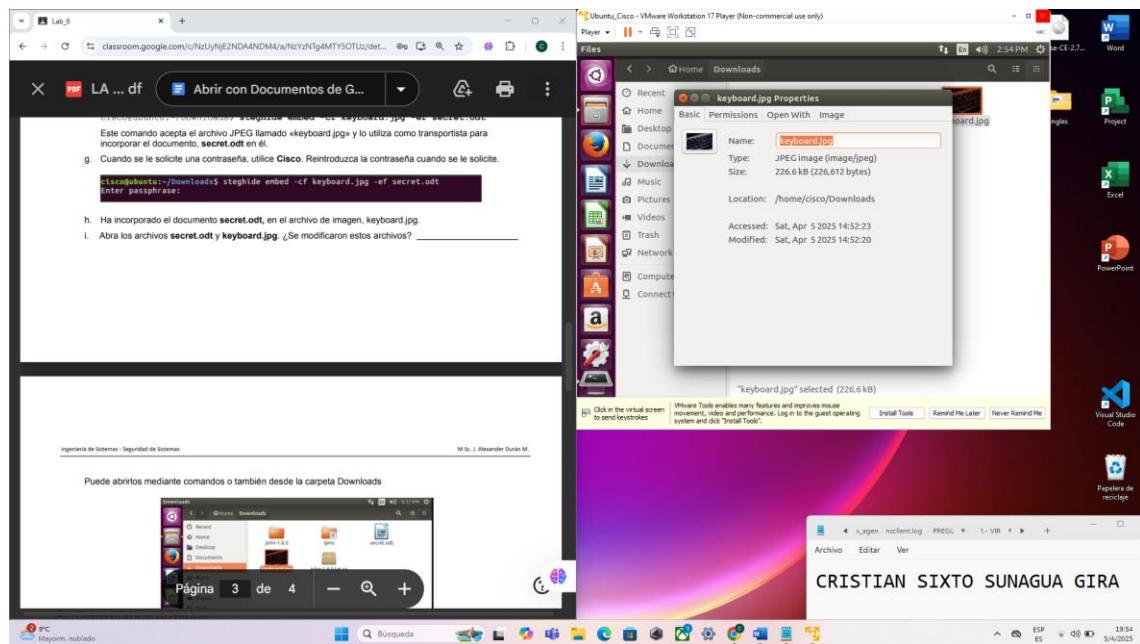
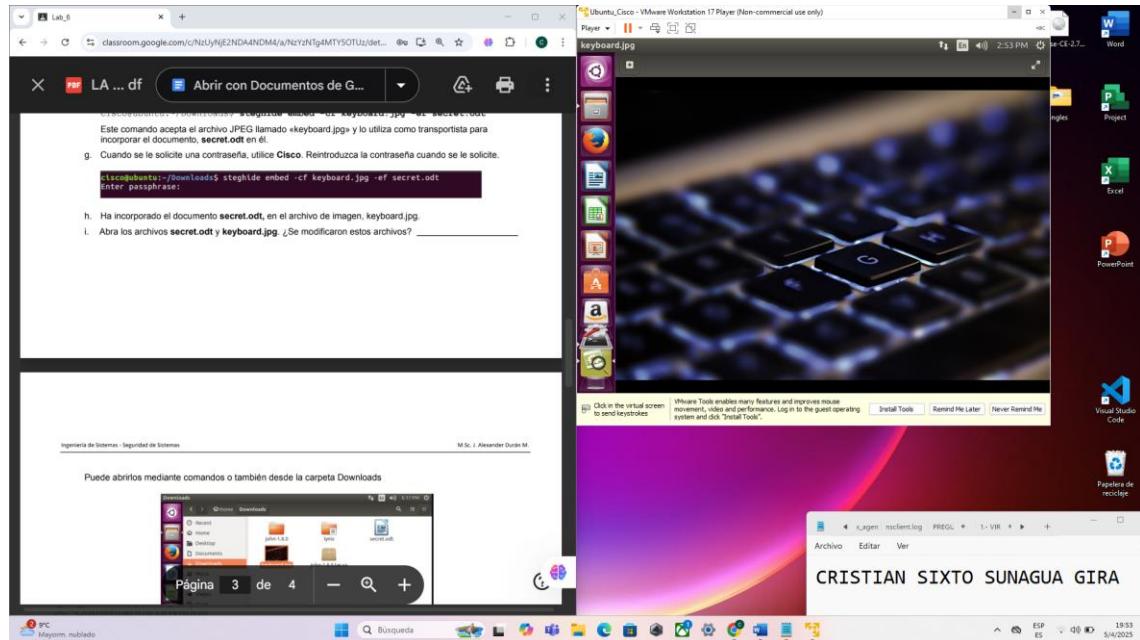




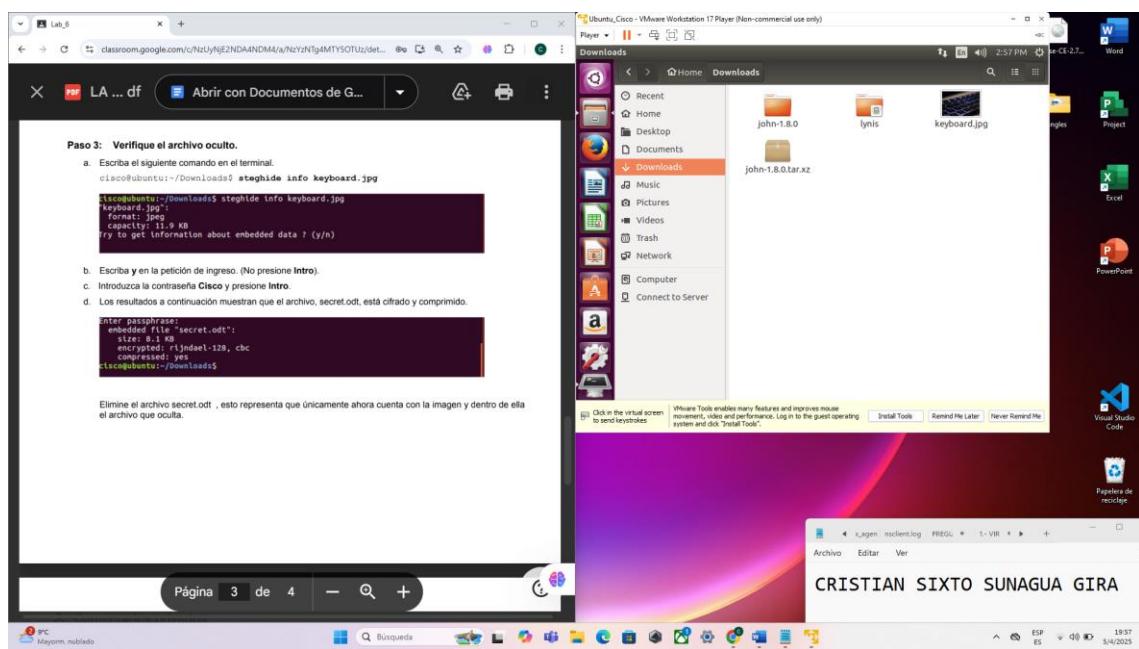
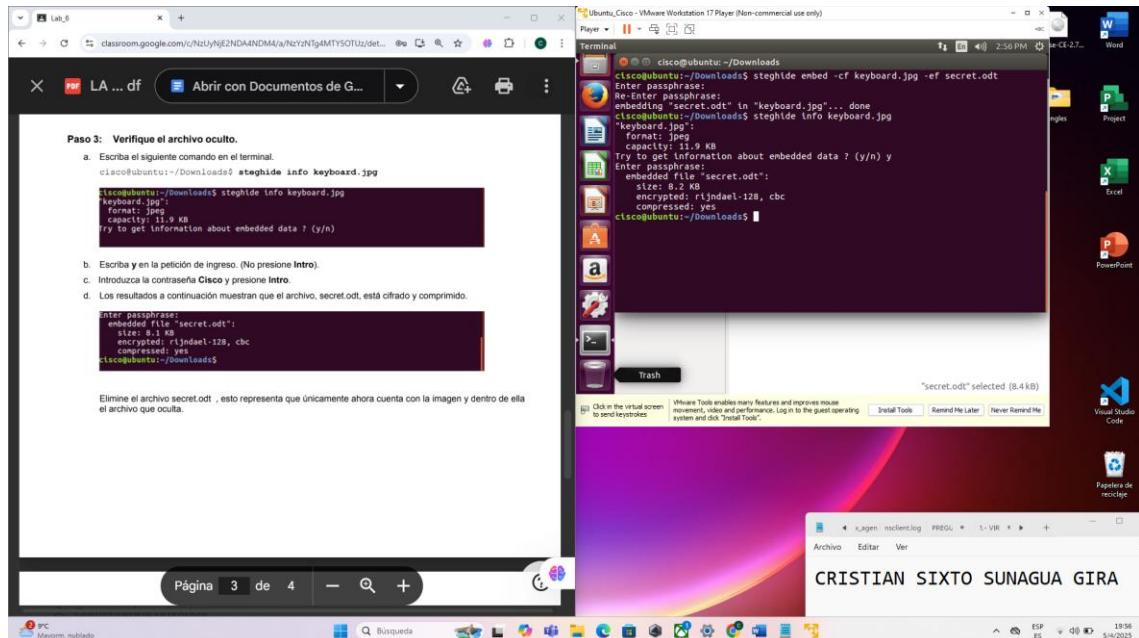
-No se vio modificado el secret.ods



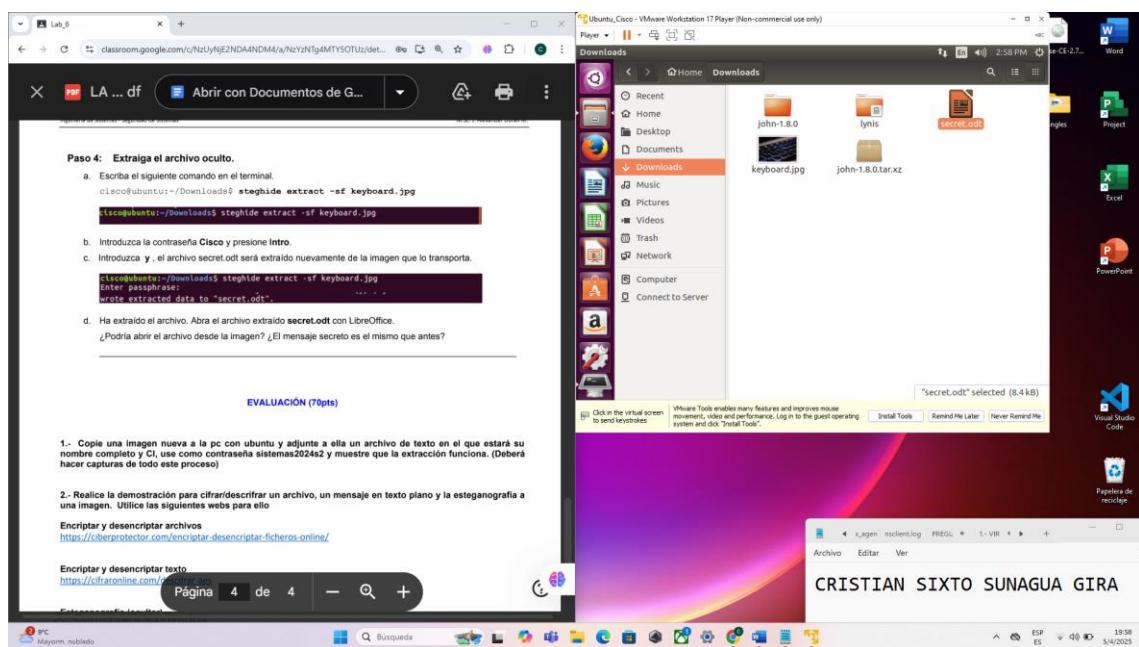
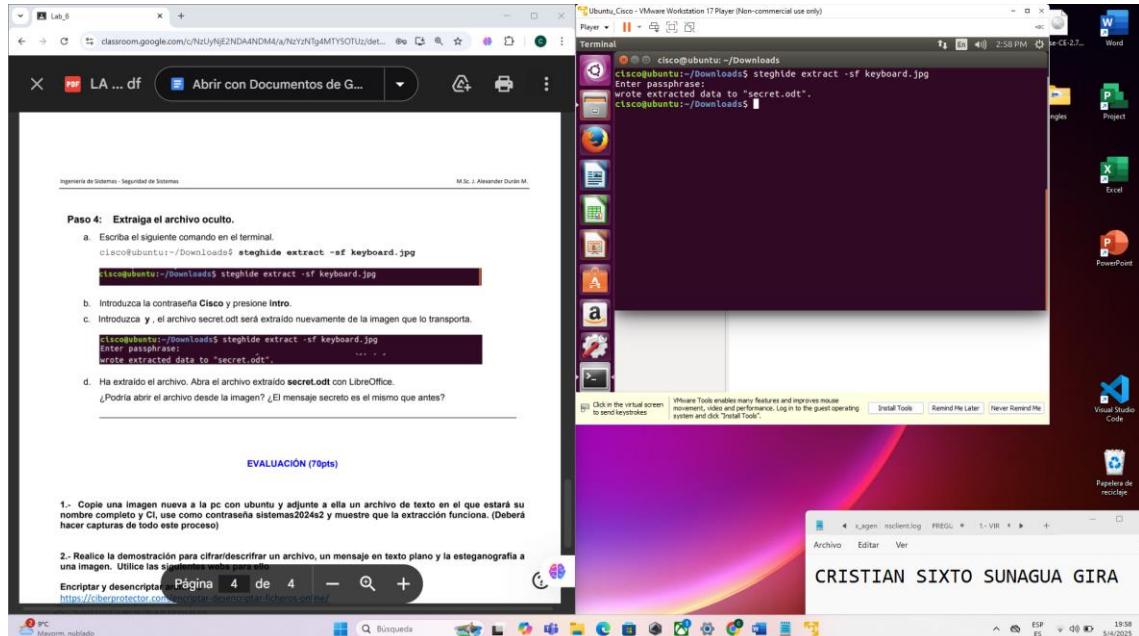
No se vio modificado el keyboard.jpg al ingresar pero si se vio modificada en su peso que se le aumento aproximadamente 2kb



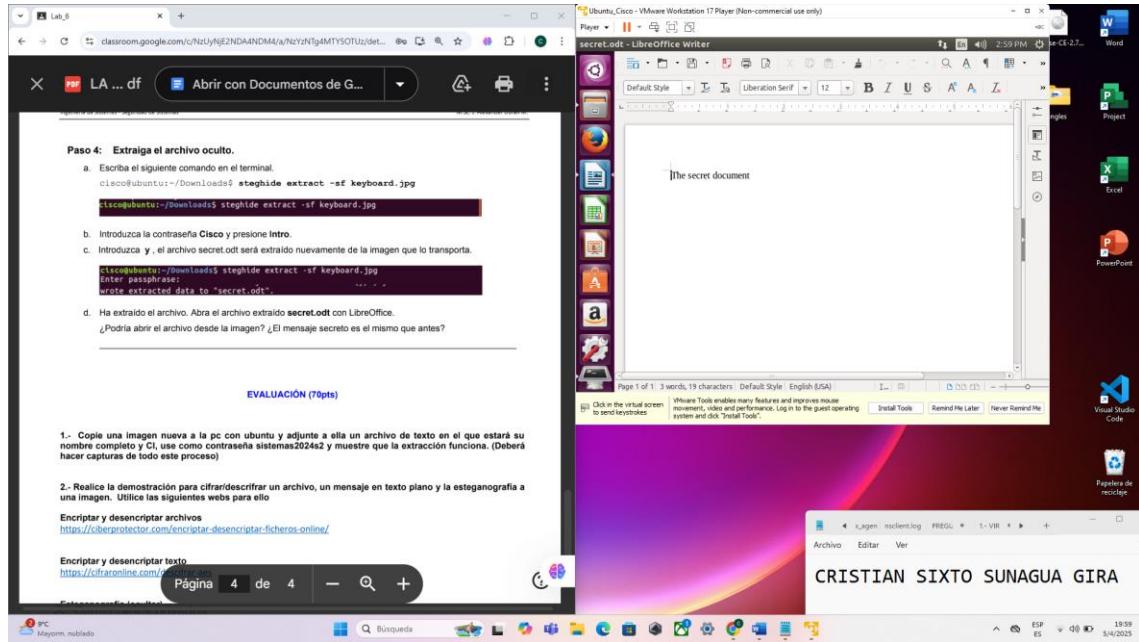
## PASO 3



## PASO 4

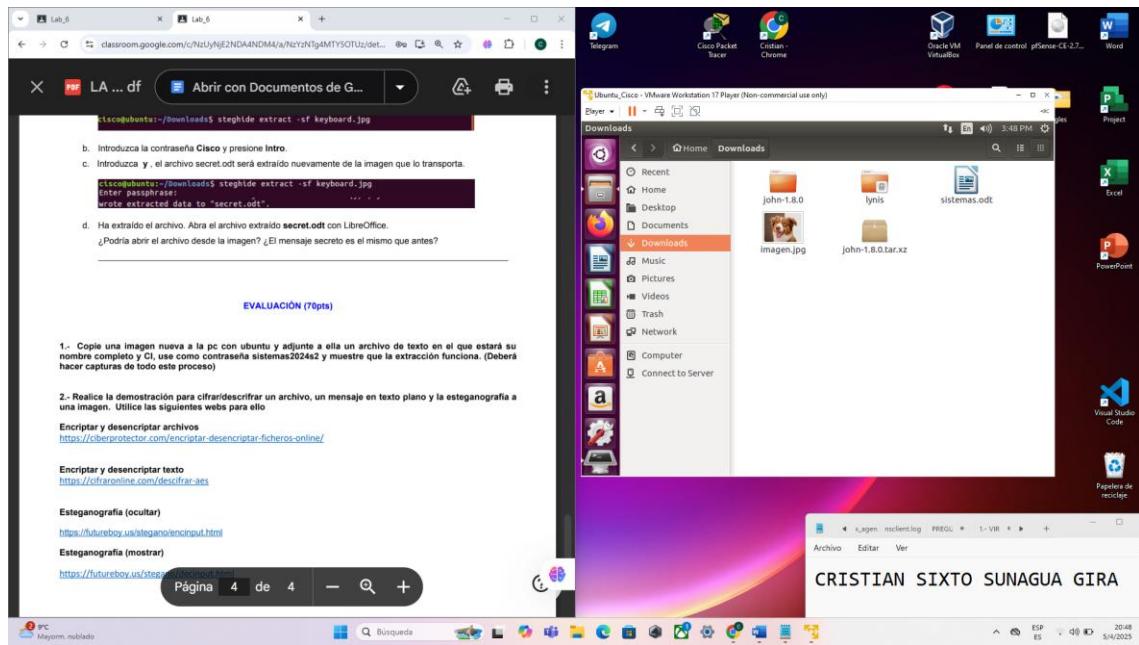


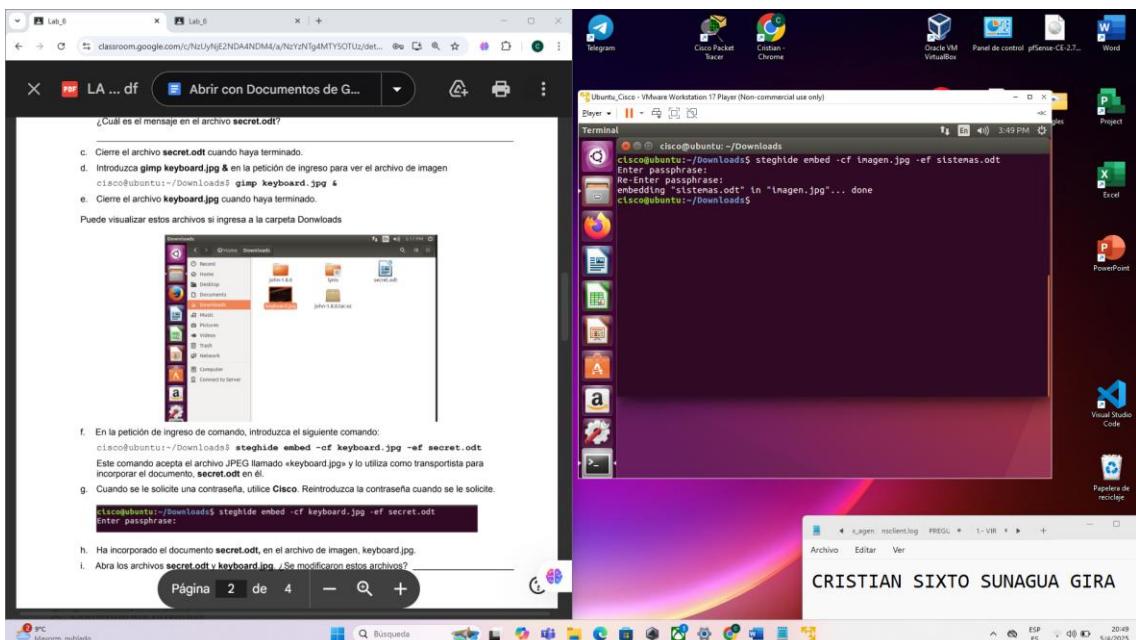
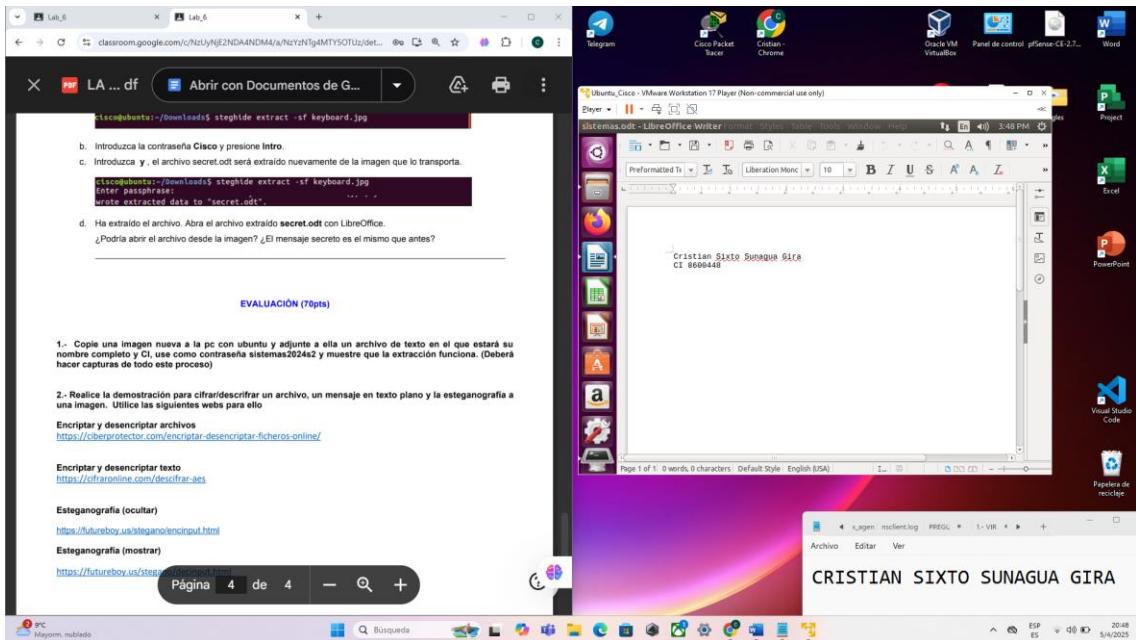
Si se pudo extraer el texto desde la imagen

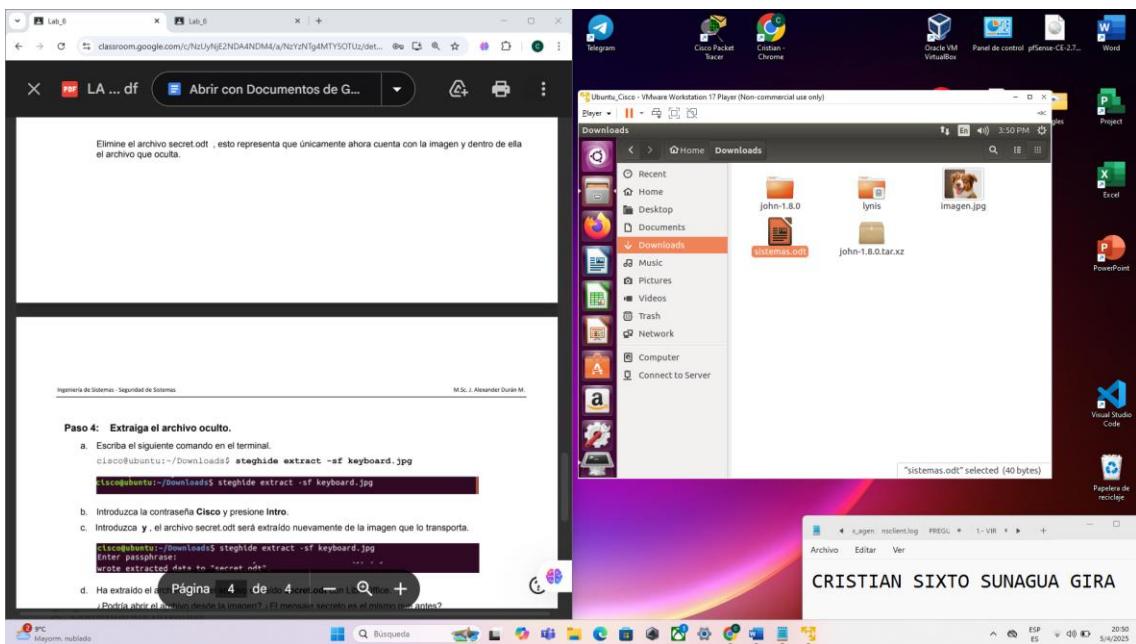
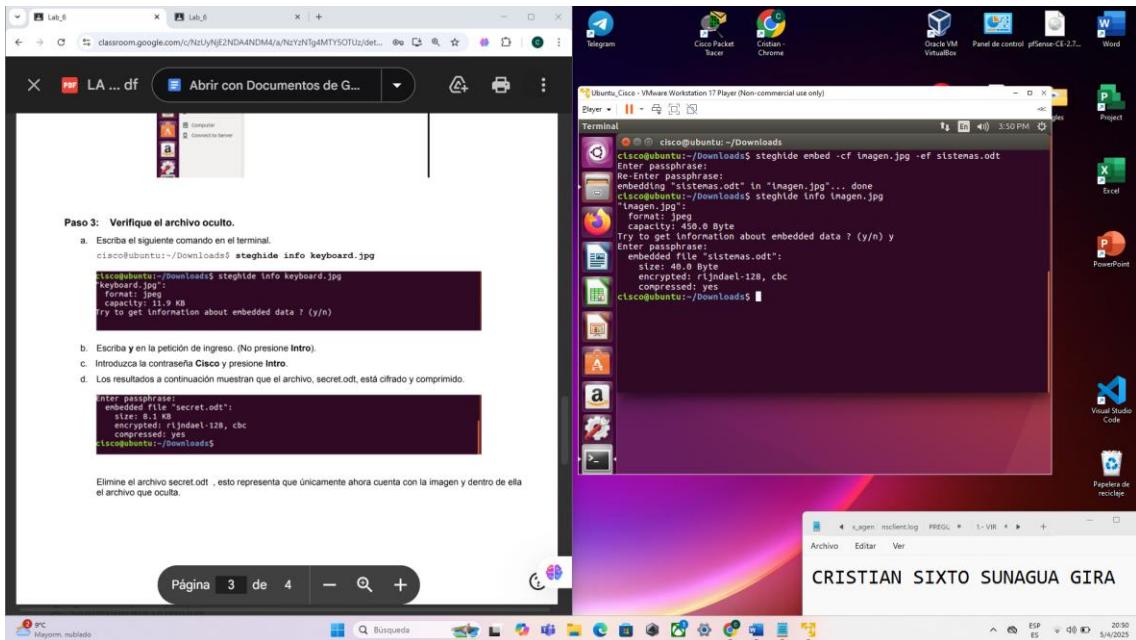


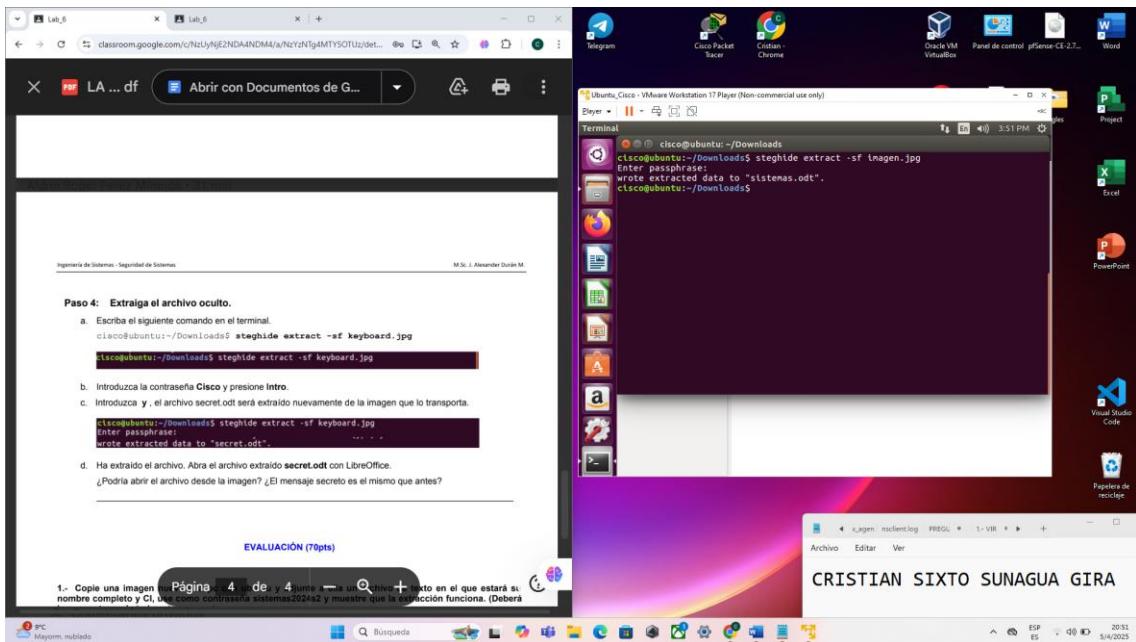
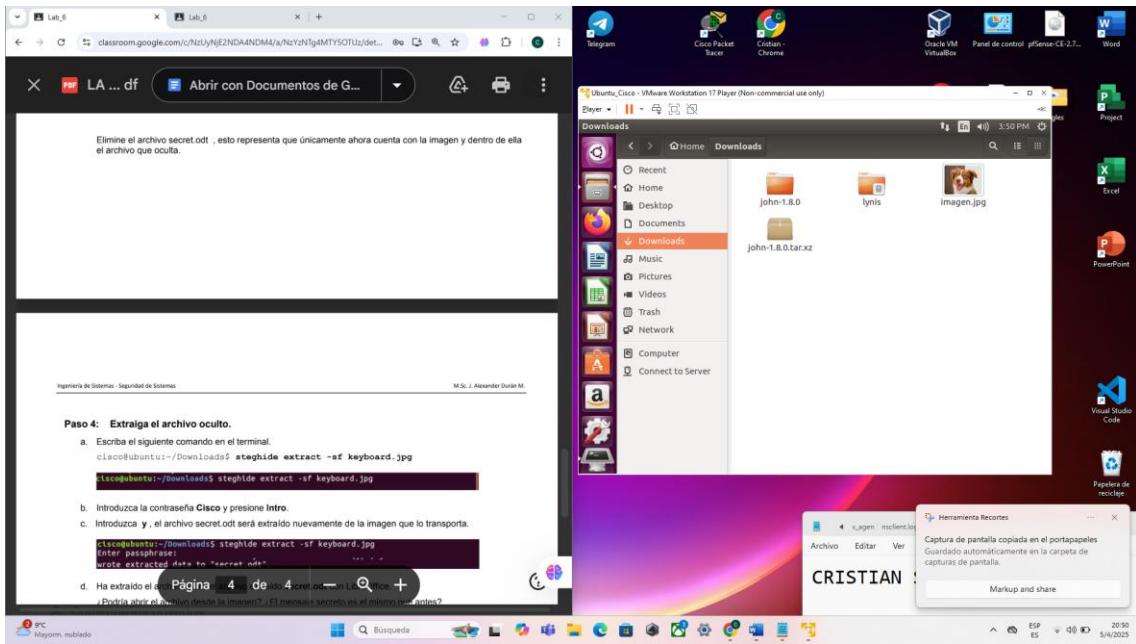
## EVALUACION

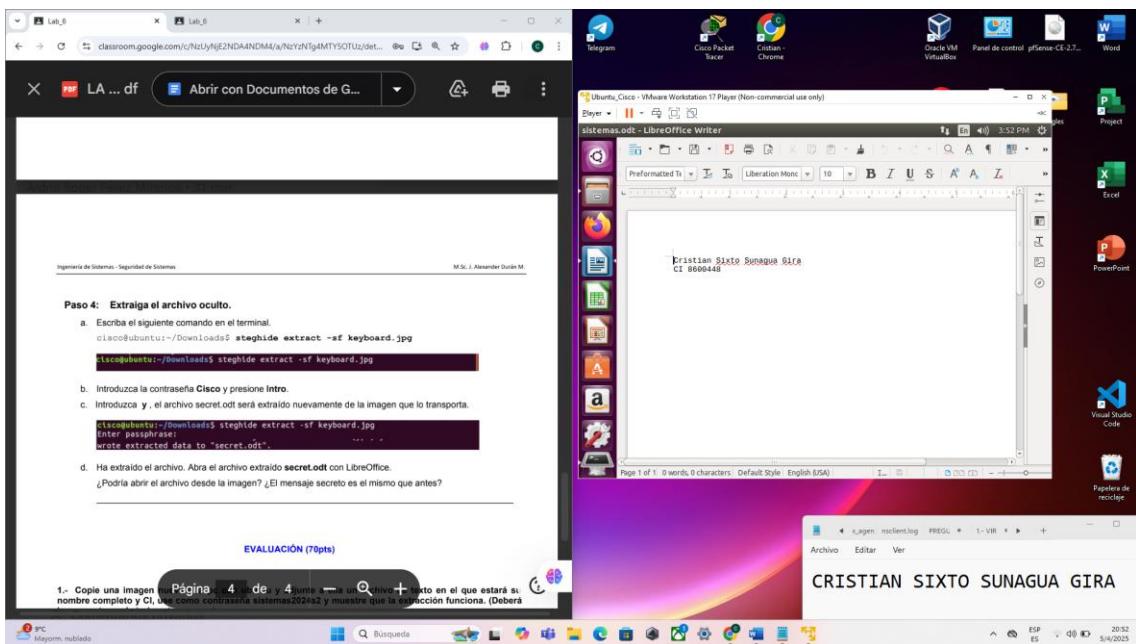
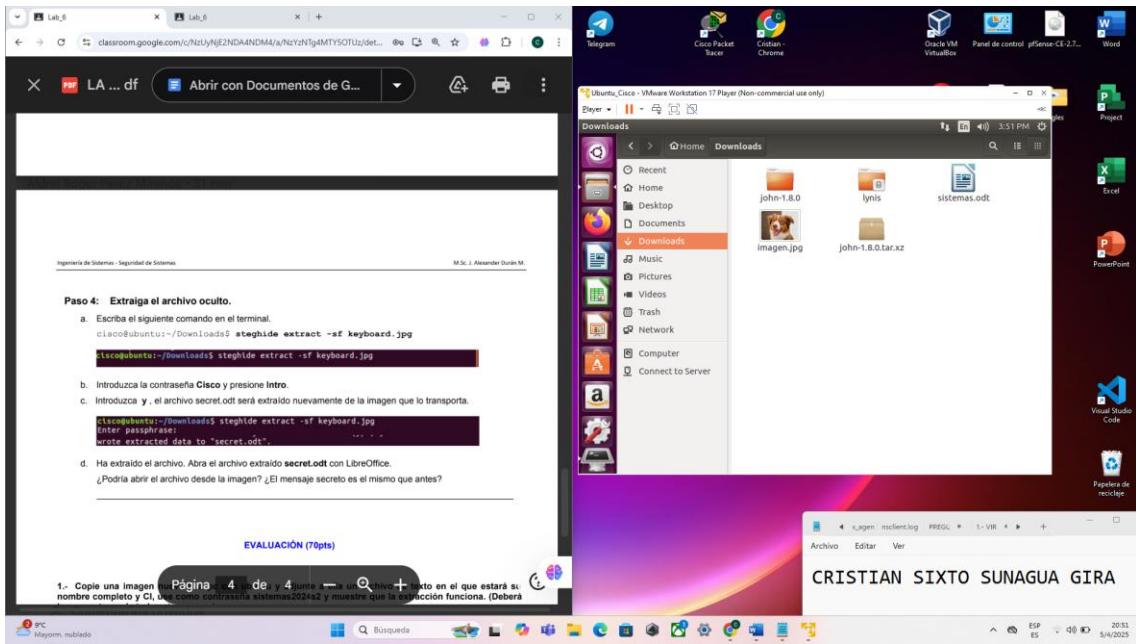
### 1.



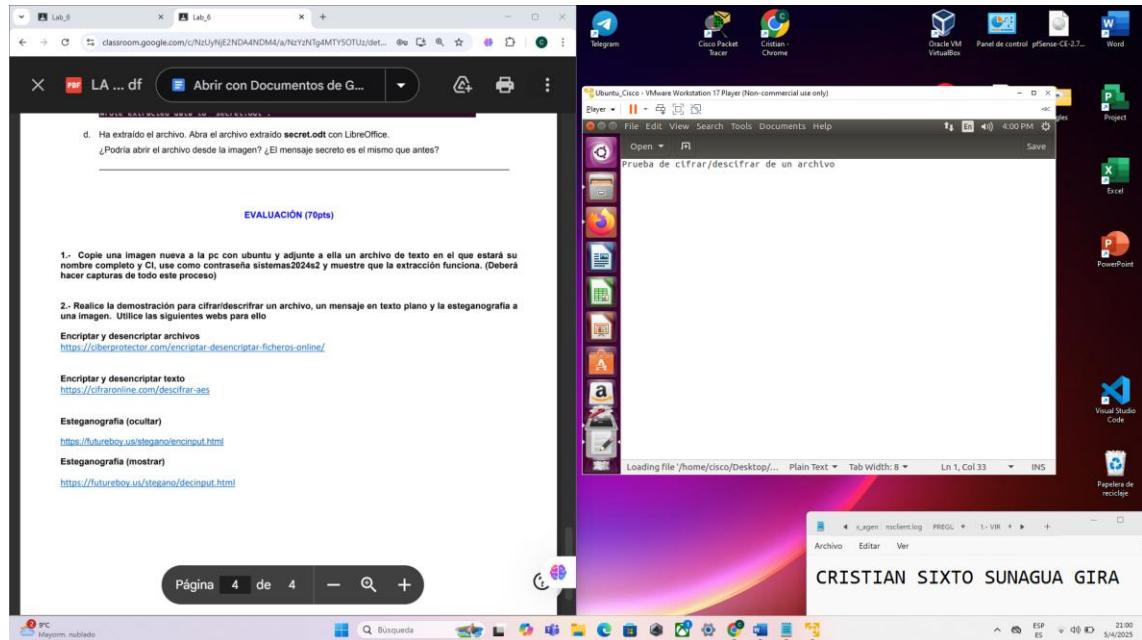
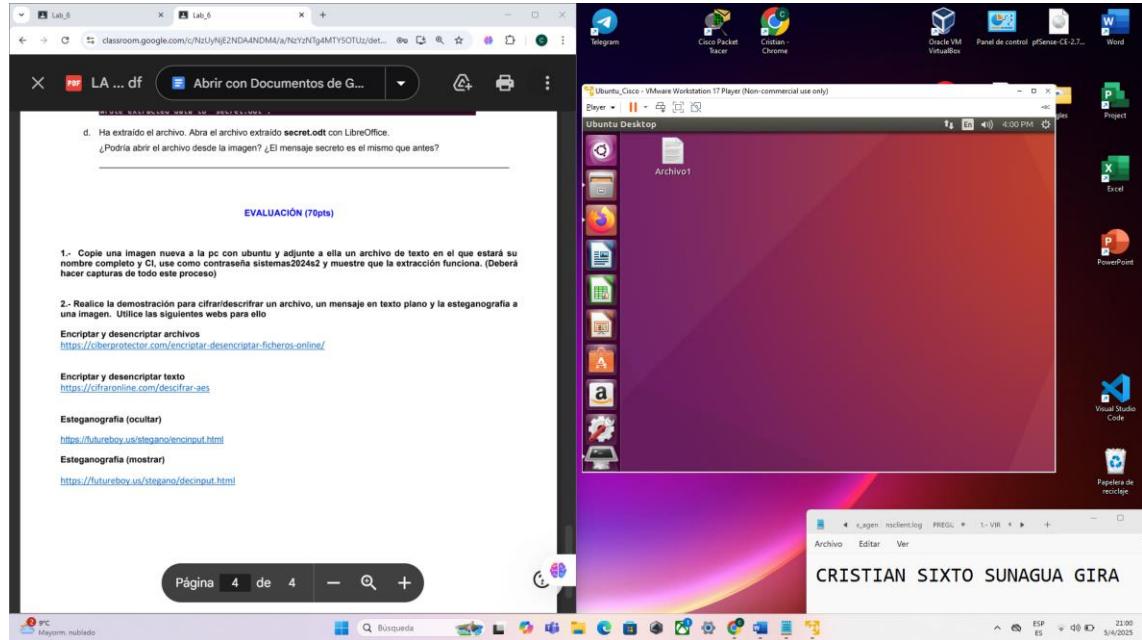


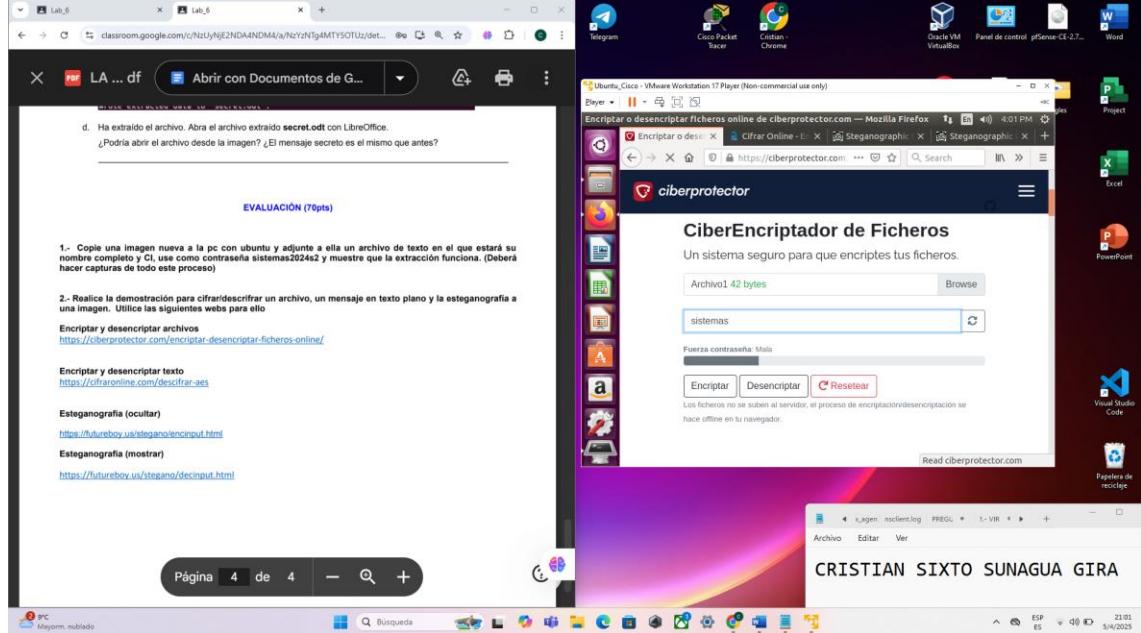
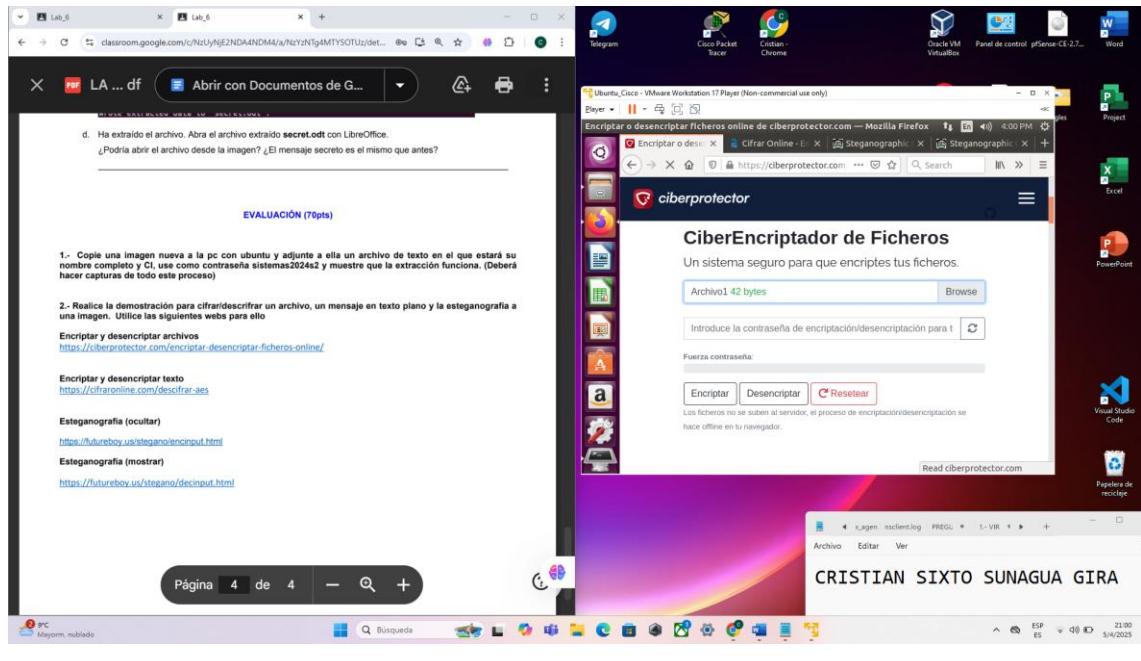


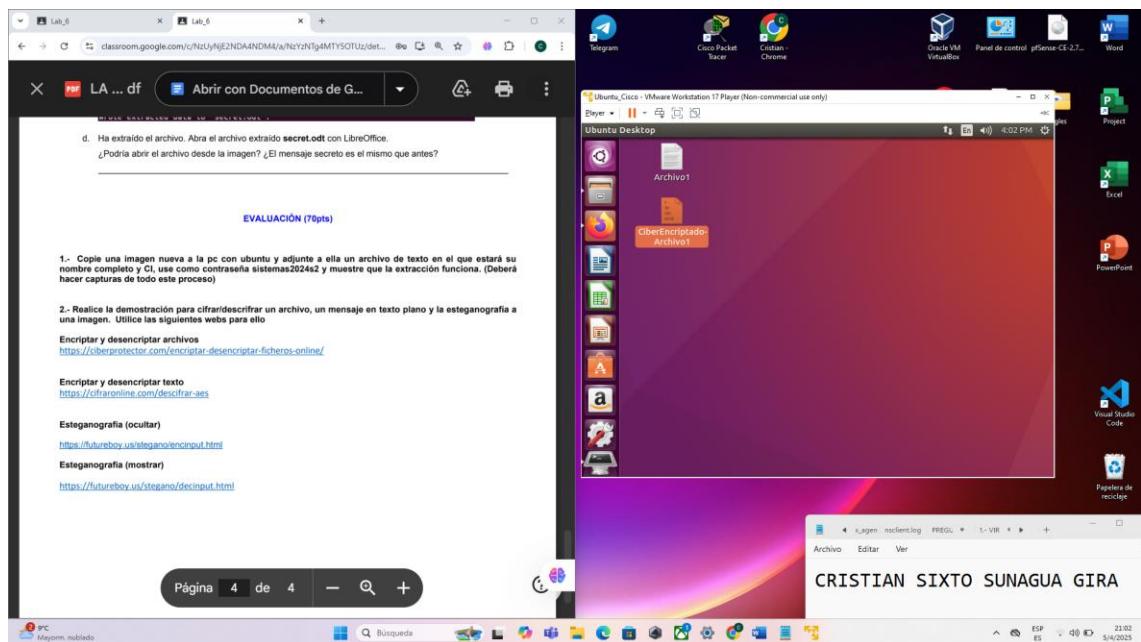
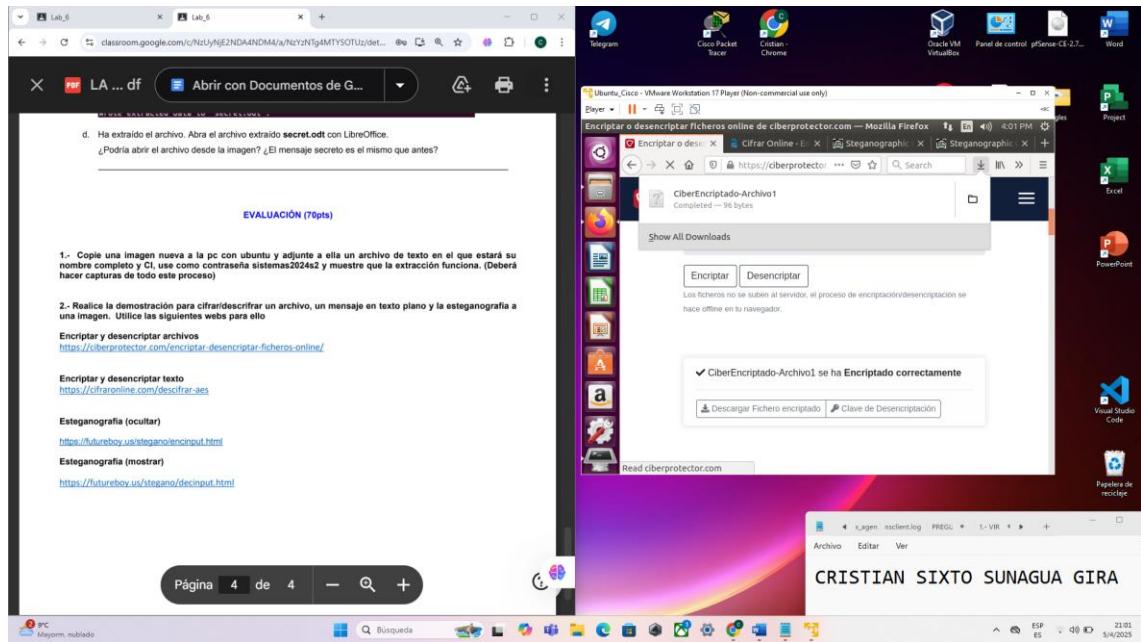


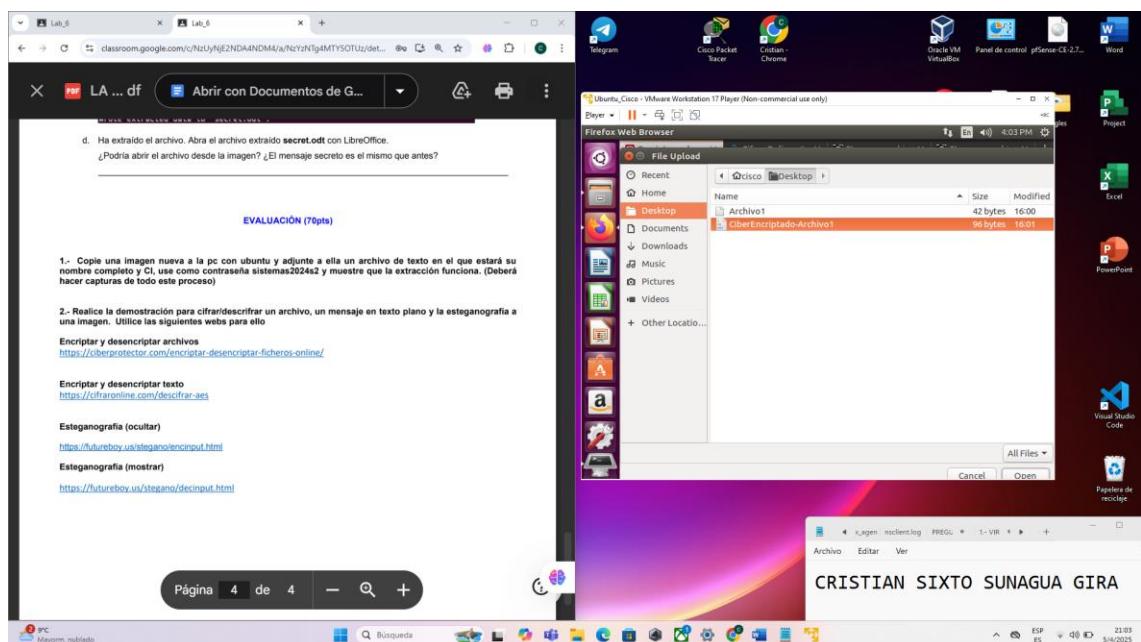
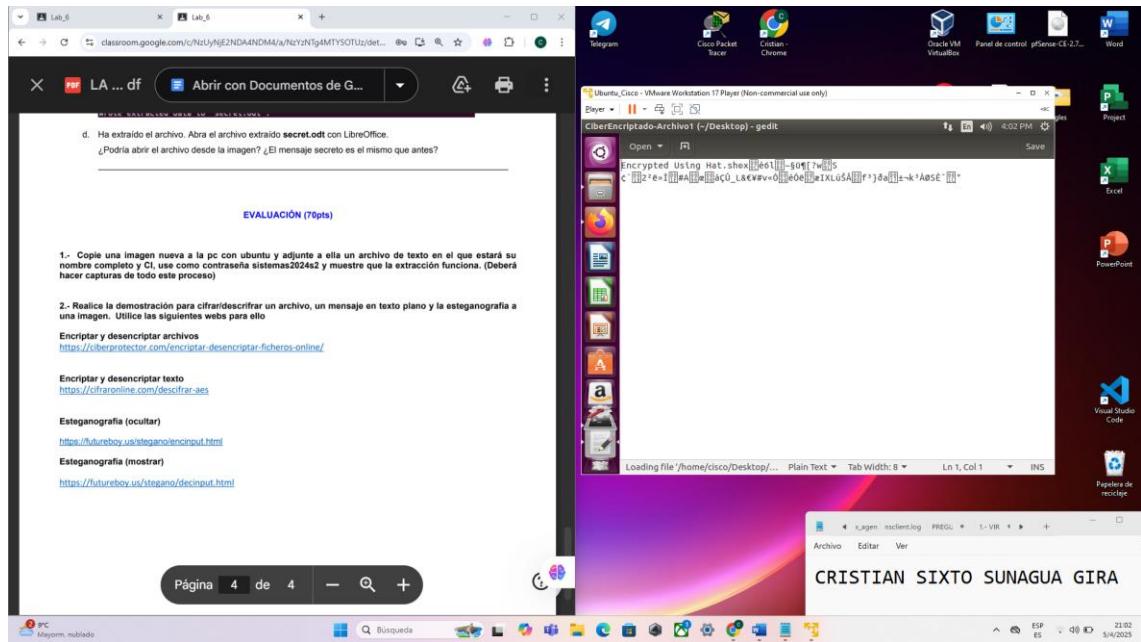


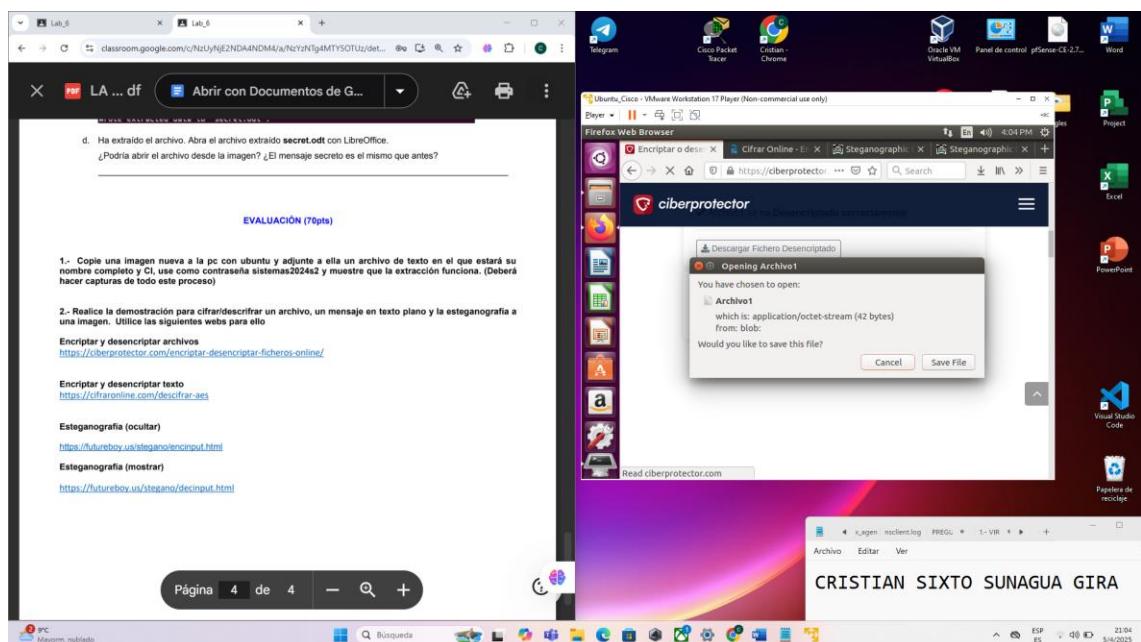
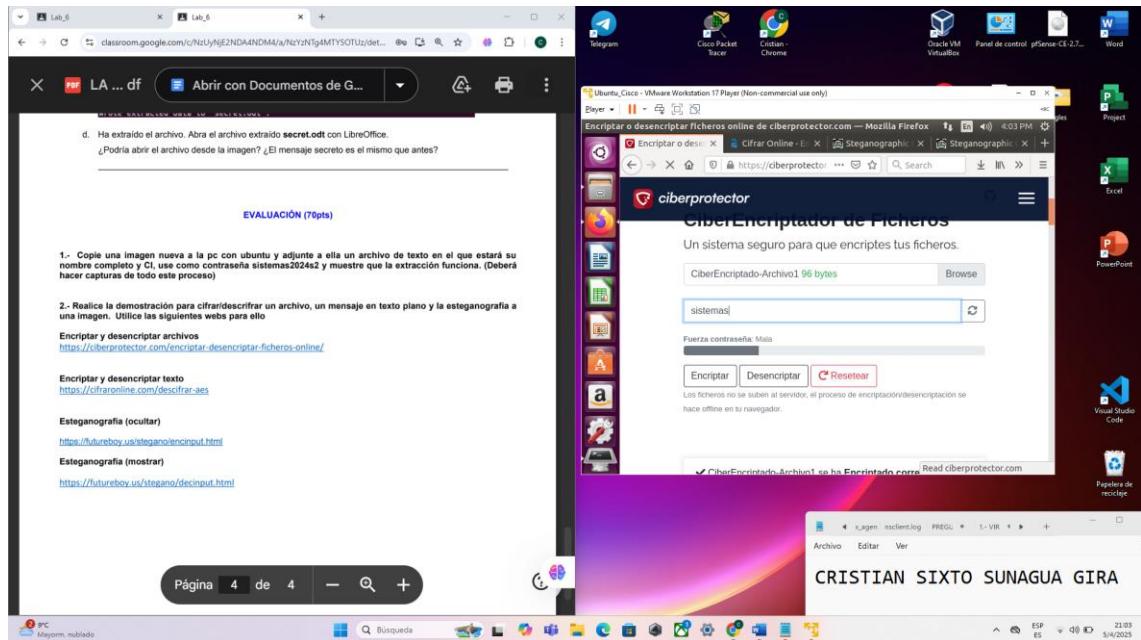
## 2. Link 1

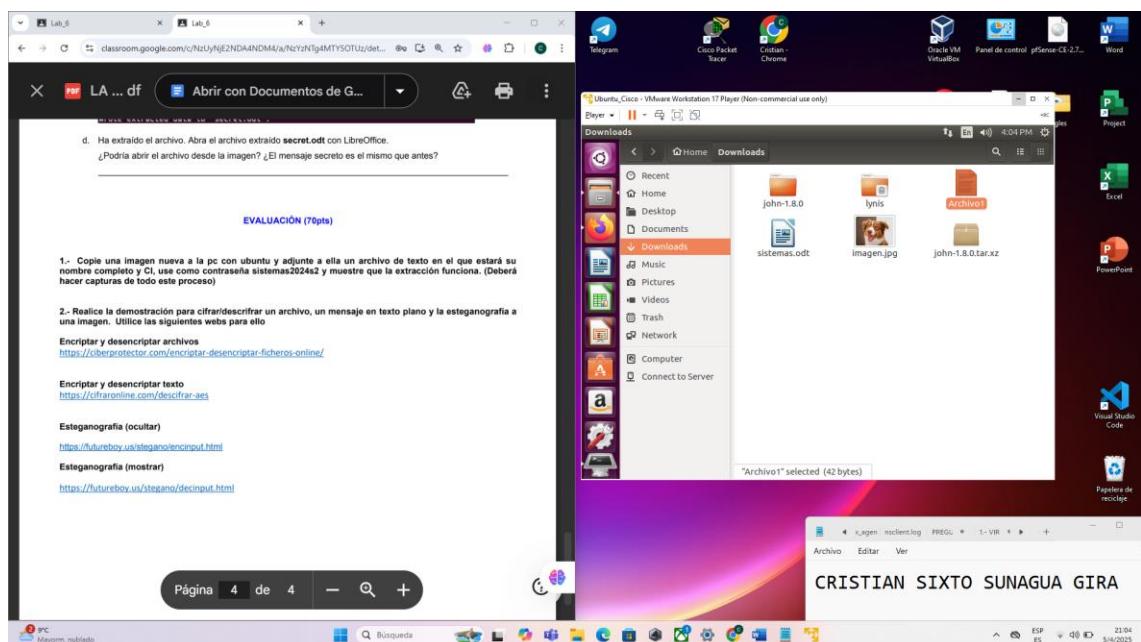
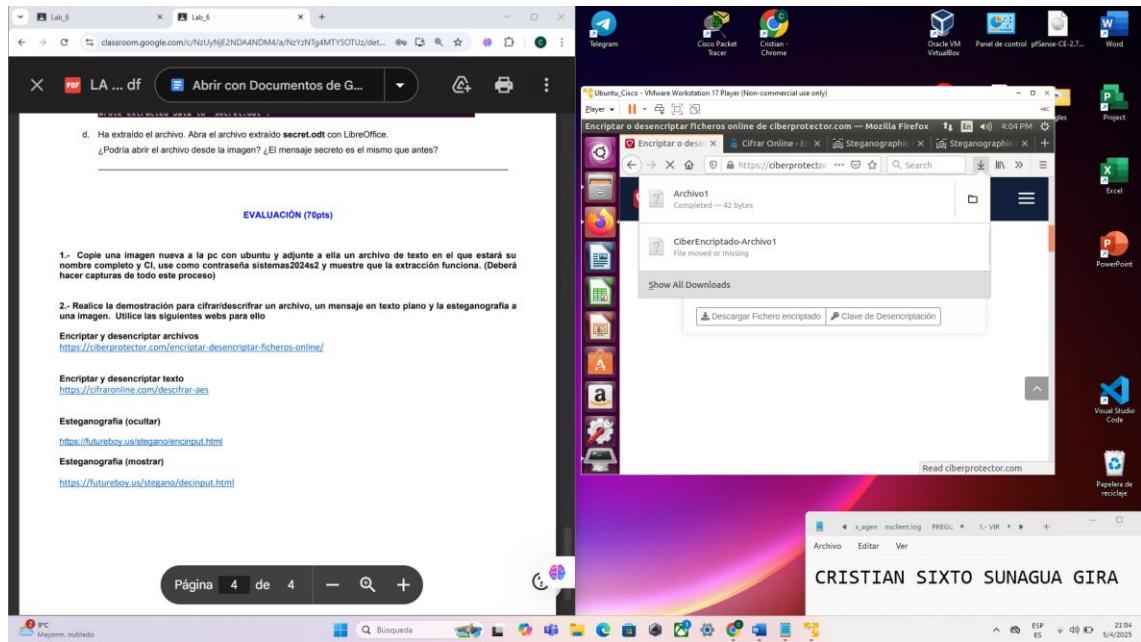


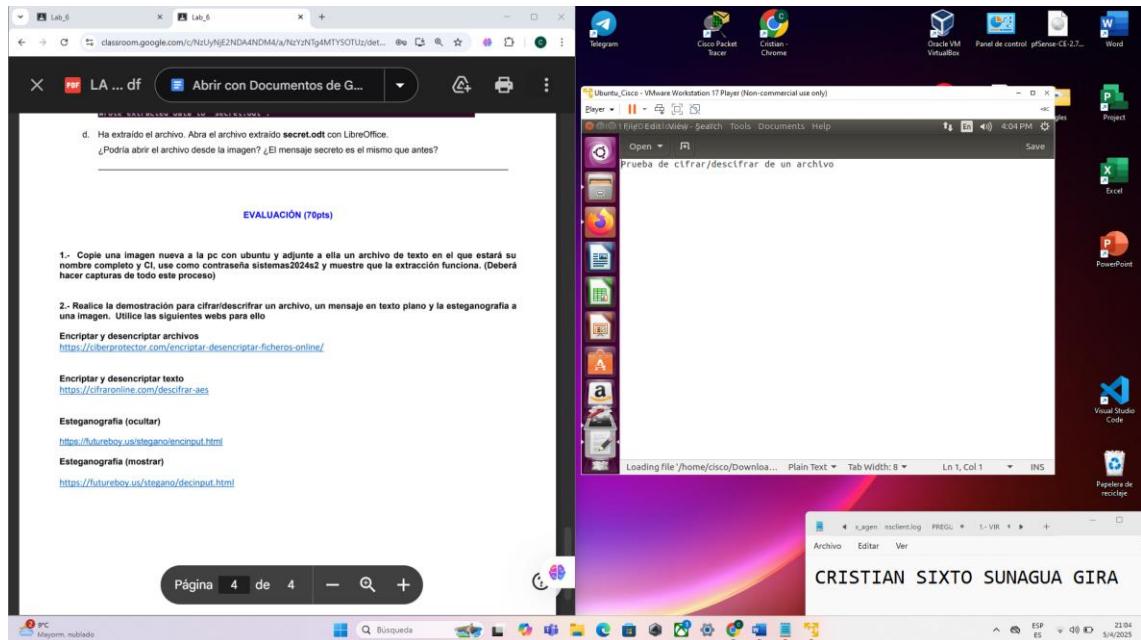




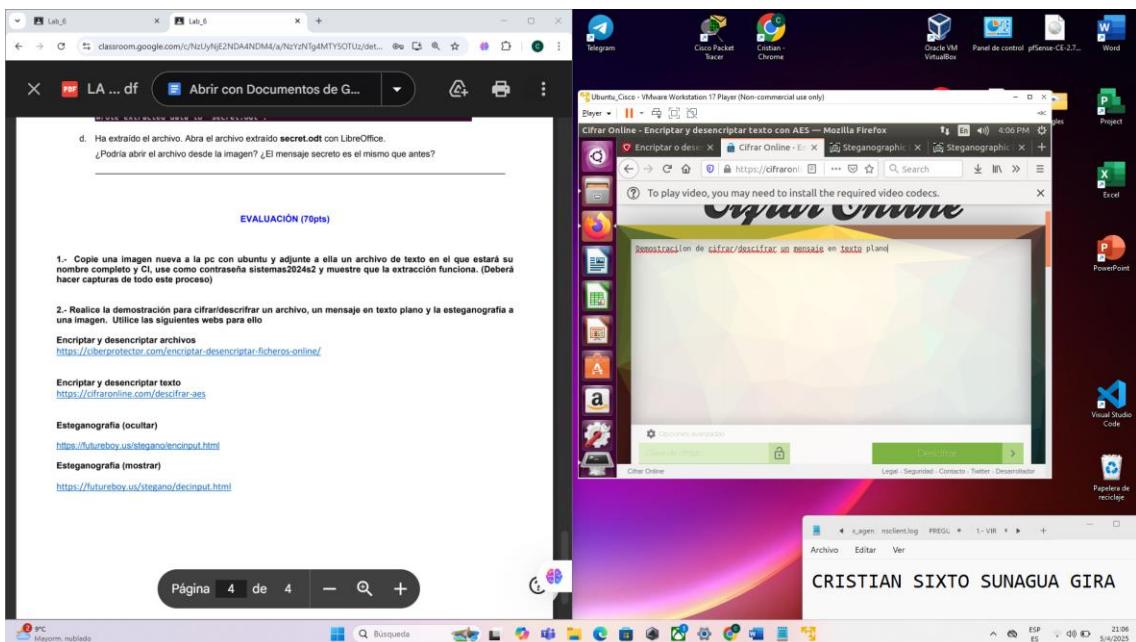


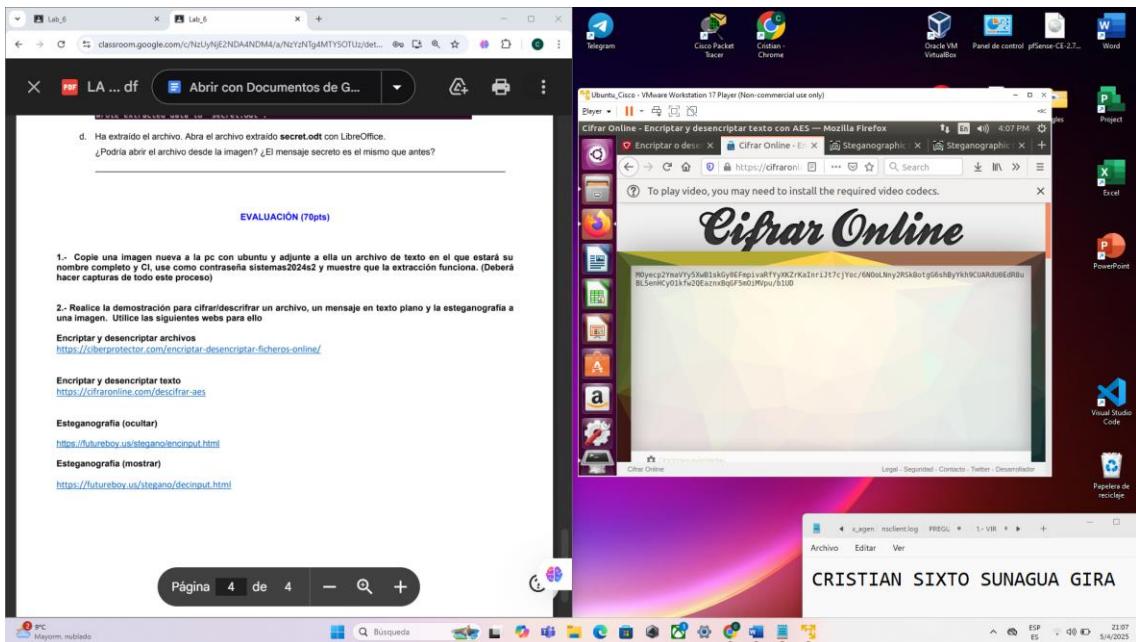
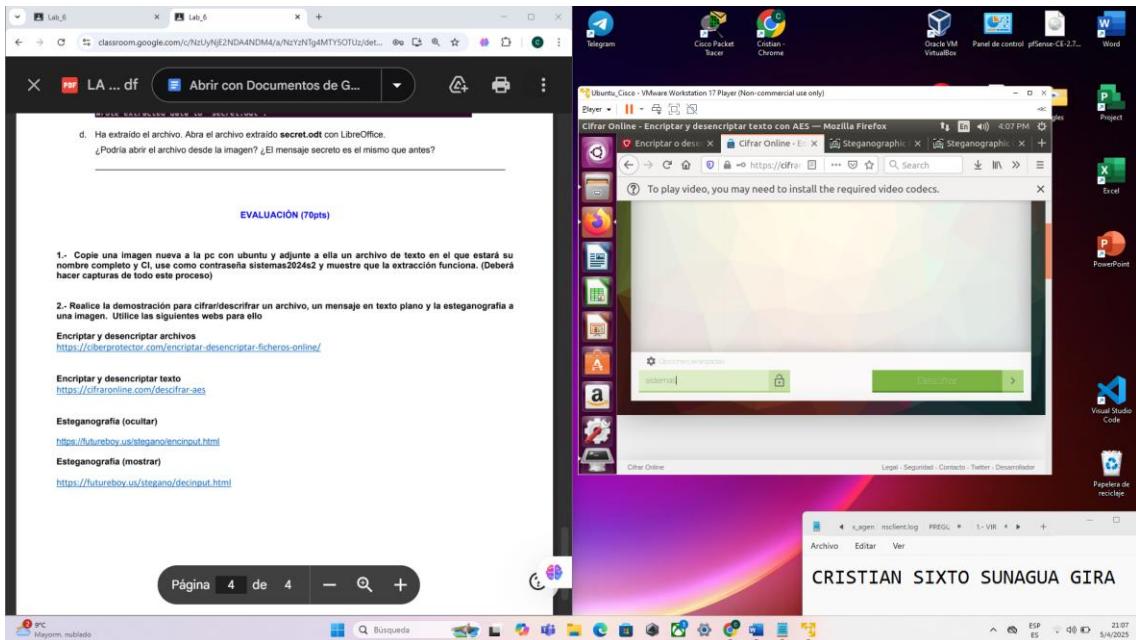


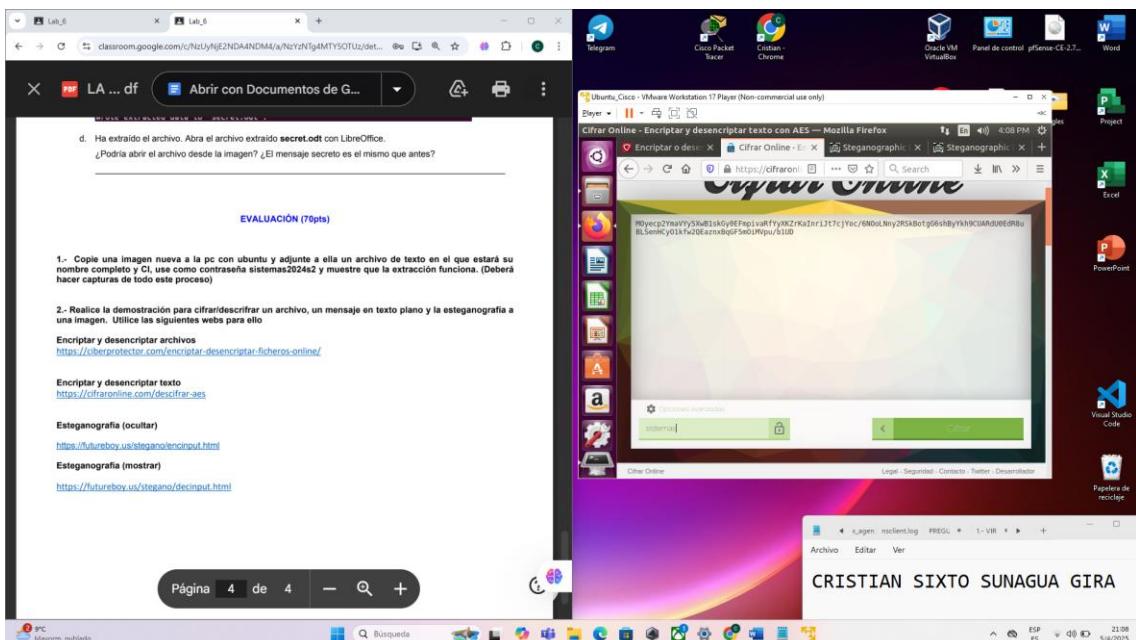
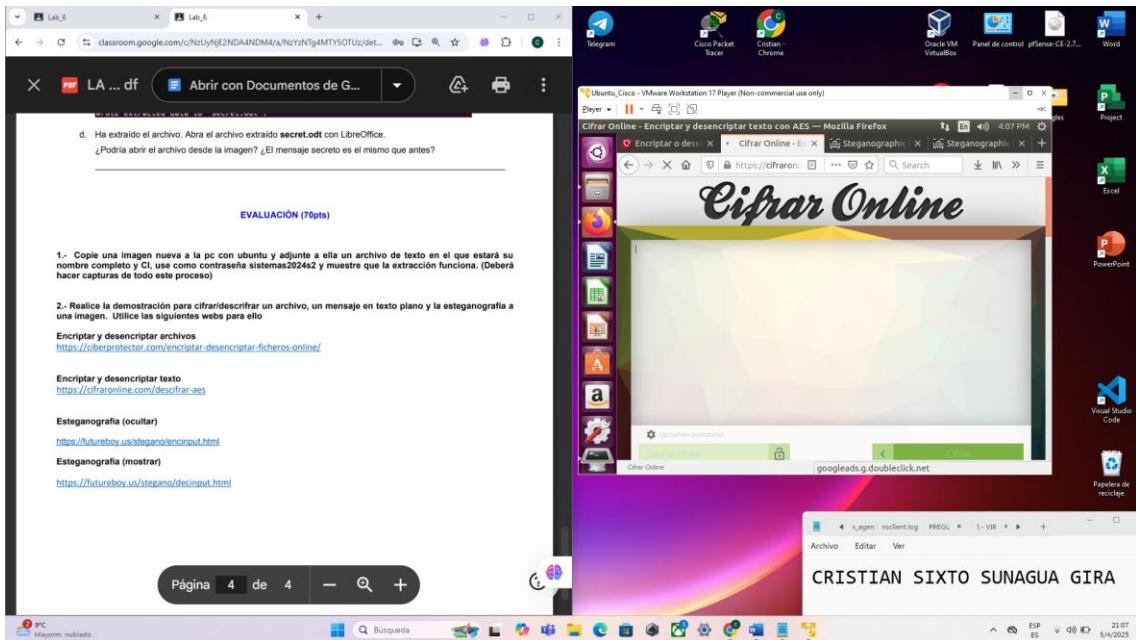


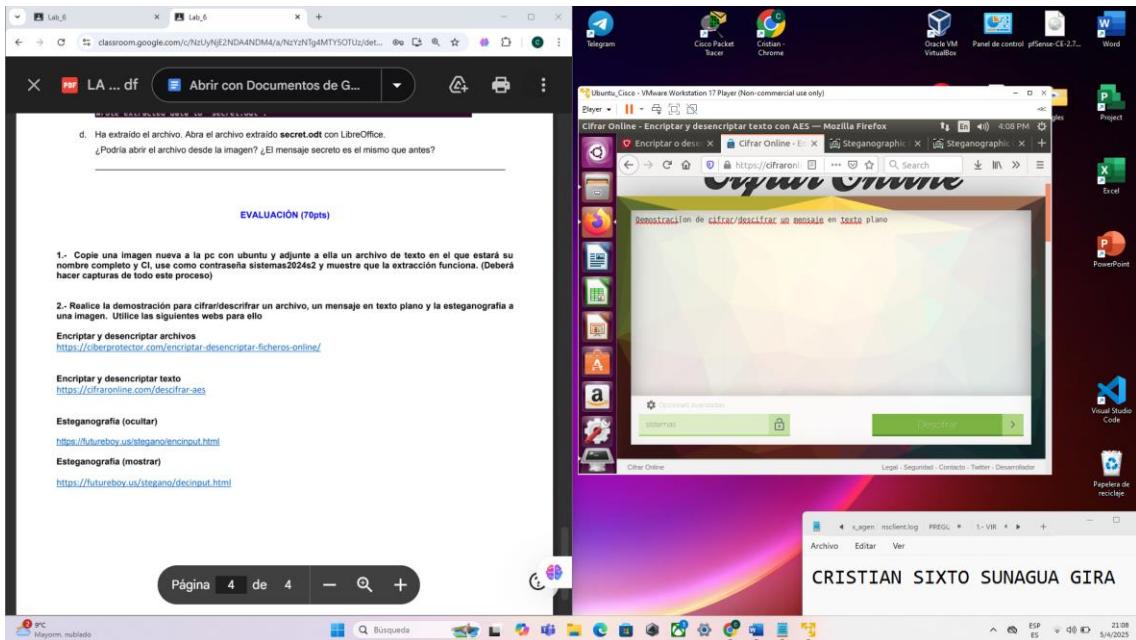


## Link 2

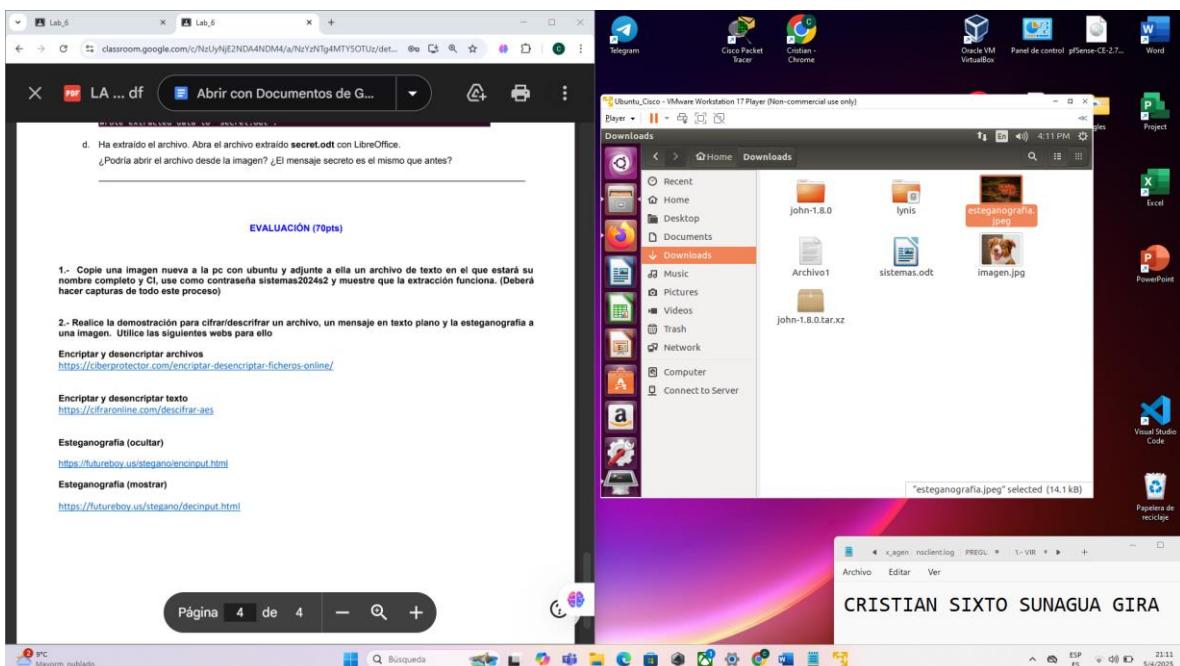


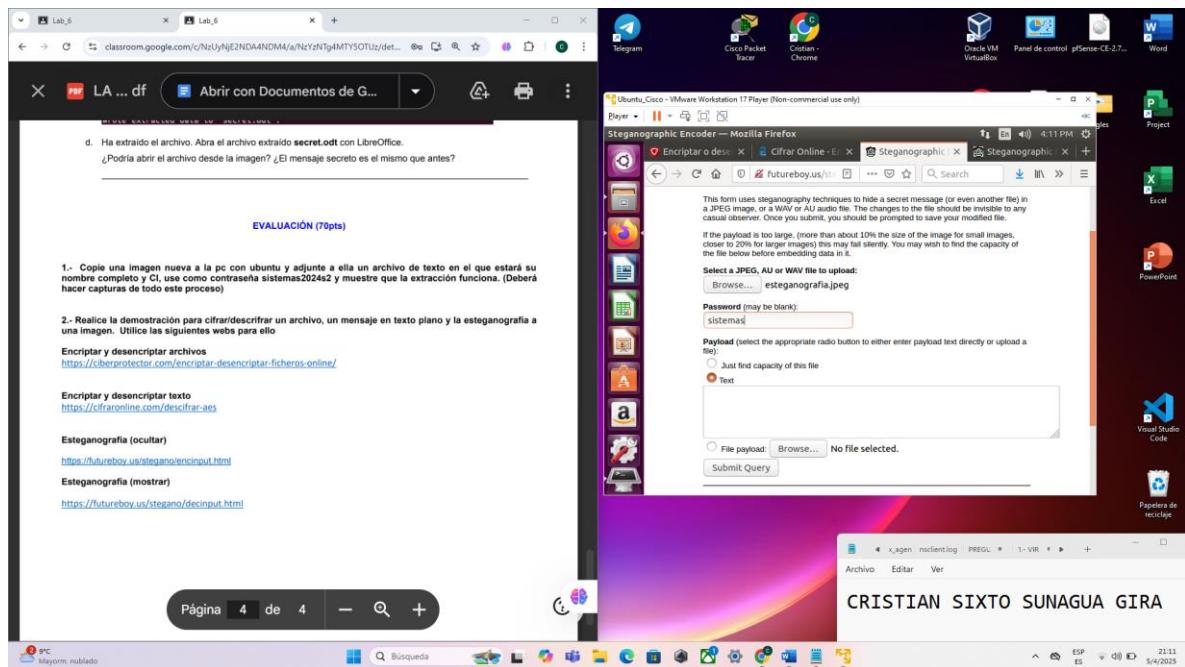
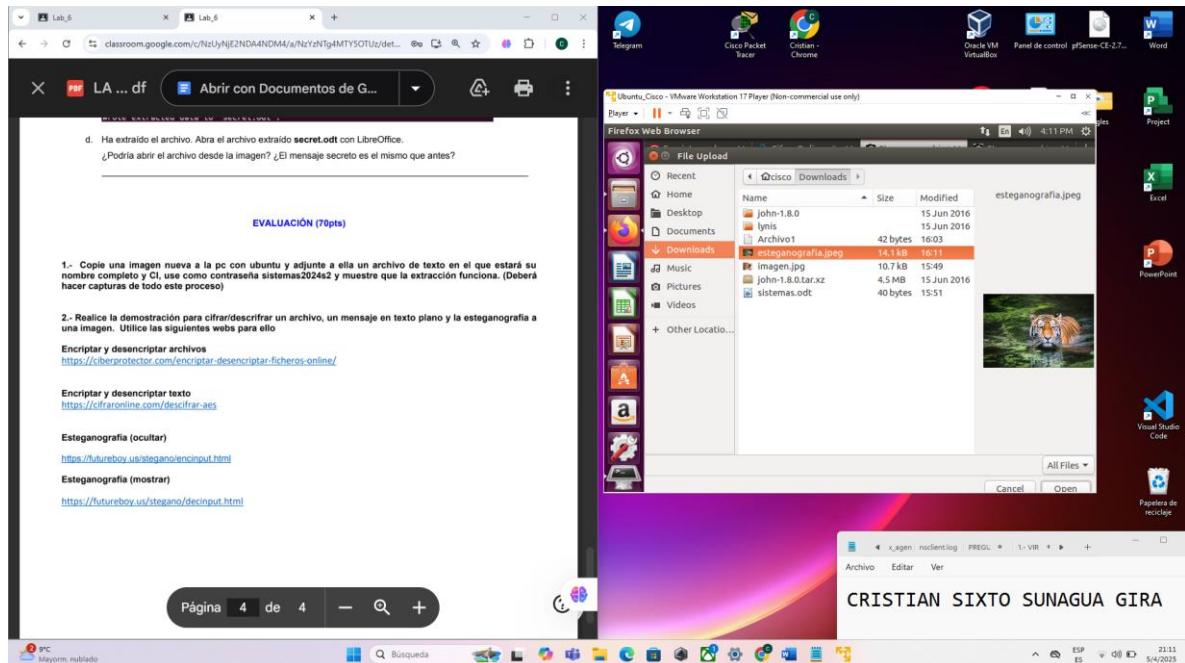


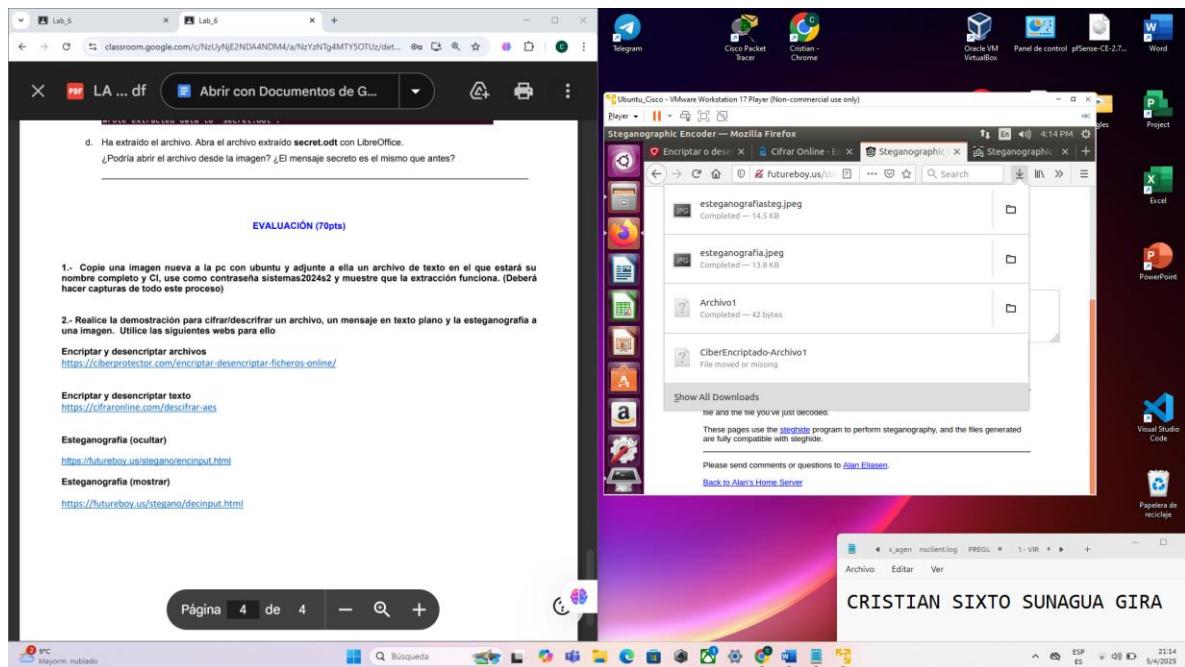
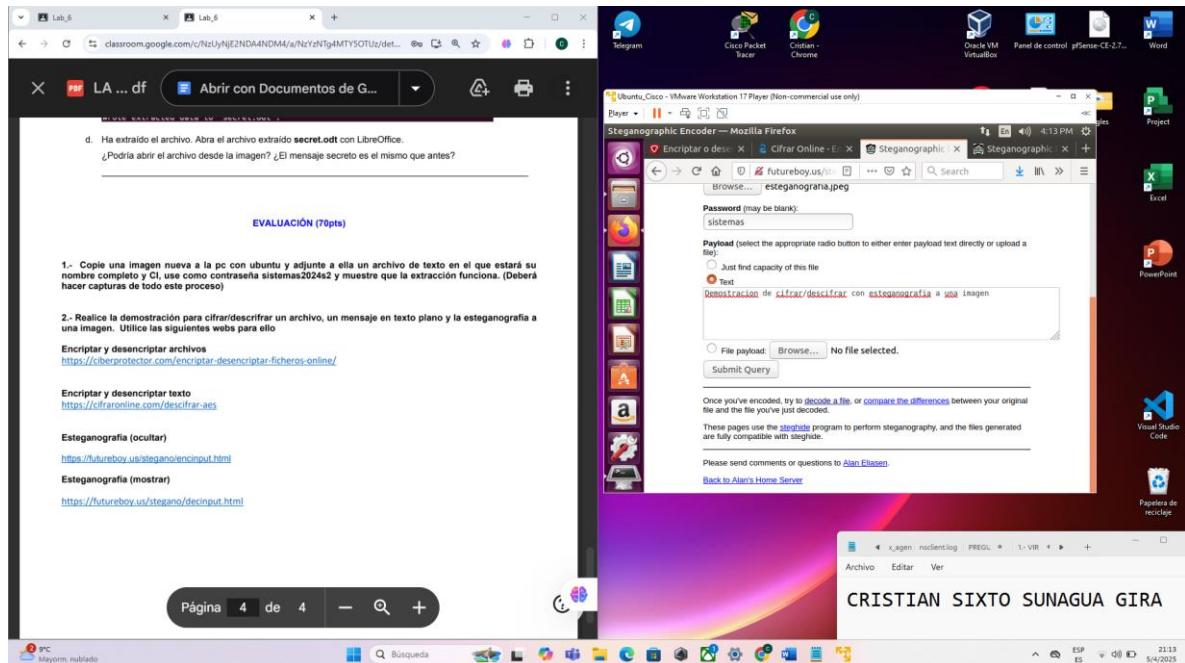


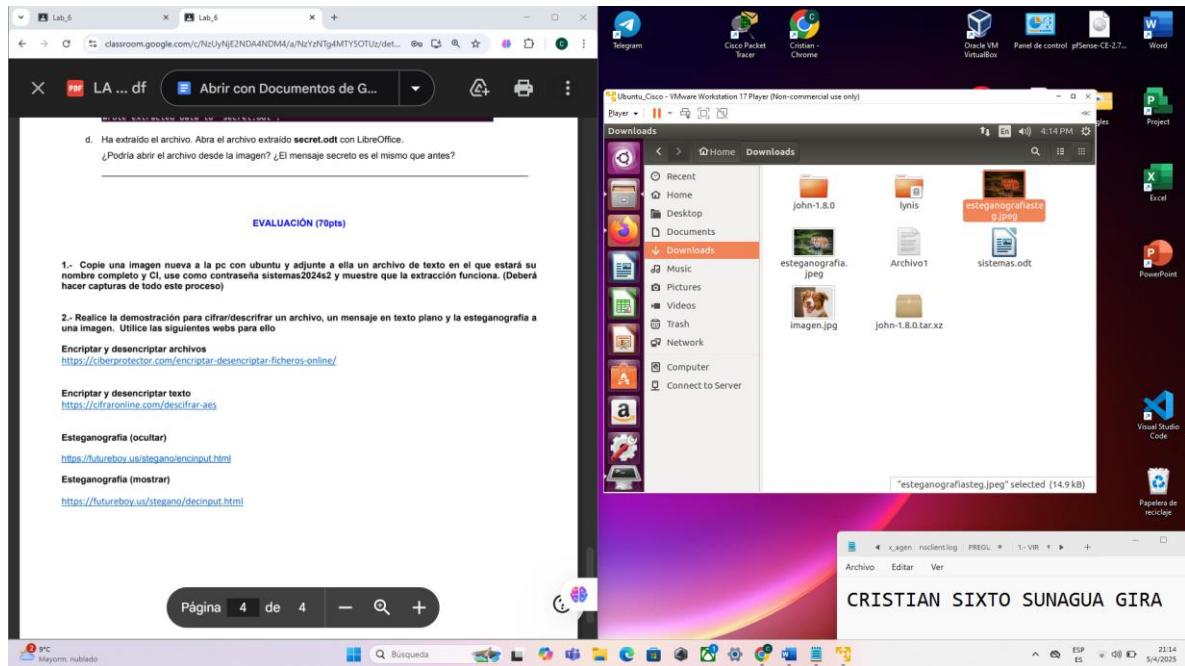


### Link 3









## Link 4

