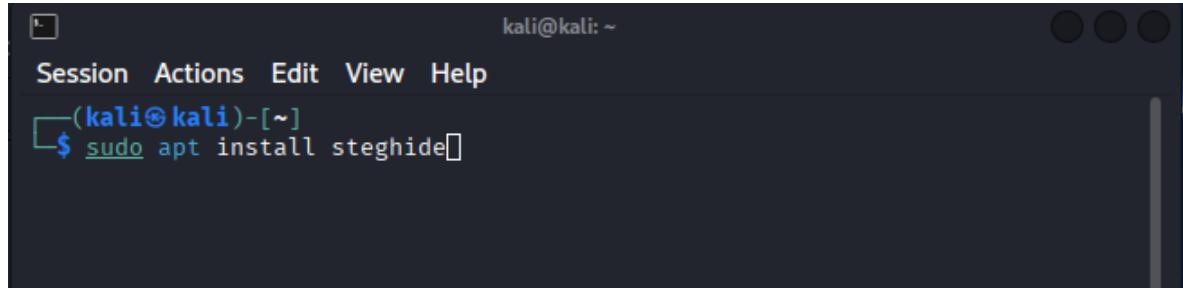


Practica de esteganografía

paso 1: Instalar el programa que usaremos

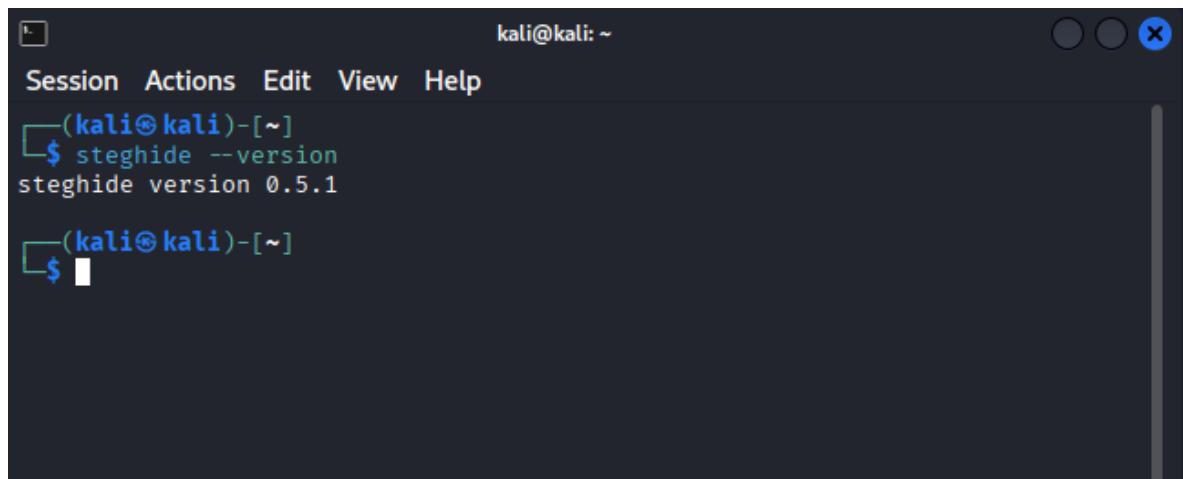
```
sudo apt install steghide
```



A screenshot of a terminal window titled "Session Actions Edit View Help". The window shows a single line of text: "\$ sudo apt install steghide". The terminal has a dark background with light-colored text and standard window controls at the top.

paso 2: verificar la versión del programa

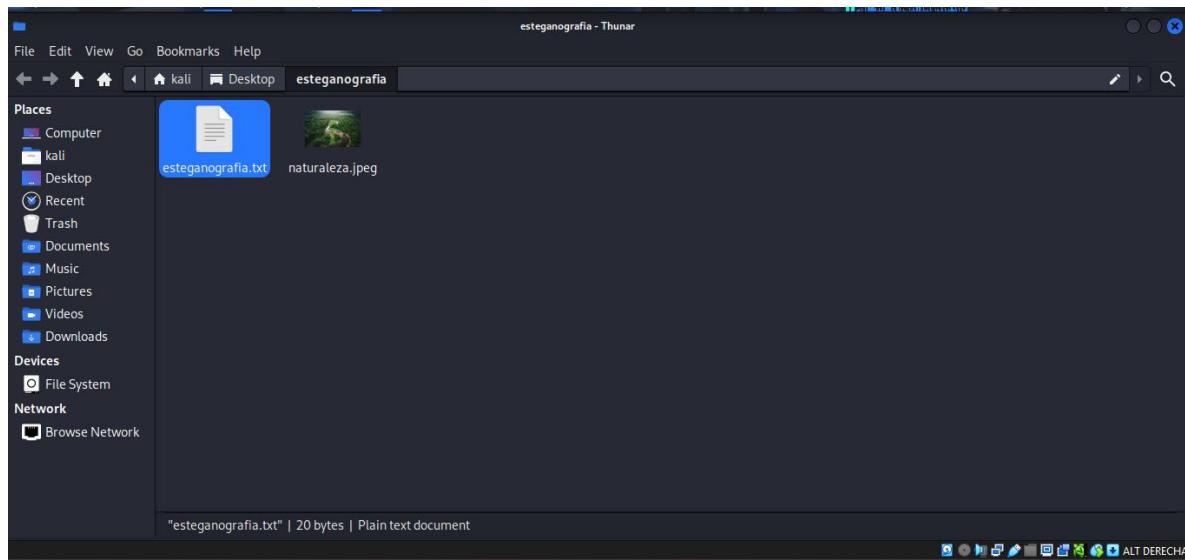
```
steghide --version
```



A screenshot of a terminal window titled "Session Actions Edit View Help". The window shows two lines of text: "\$ steghide --version" followed by "steghide version 0.5.1". The terminal has a dark background with light-colored text and standard window controls at the top.

paso 3: Crear un directorio, colocar una imagen y crear un archivo txt





paso 4: ocultar el archivo dentro de la imagen

```
steghide embed -cf (nombre imagen con ext) - ef (nombre archivo con ext)
```

The image displays two terminal windows from the Kali Linux terminal. The top terminal shows the directory structure and the command to run:

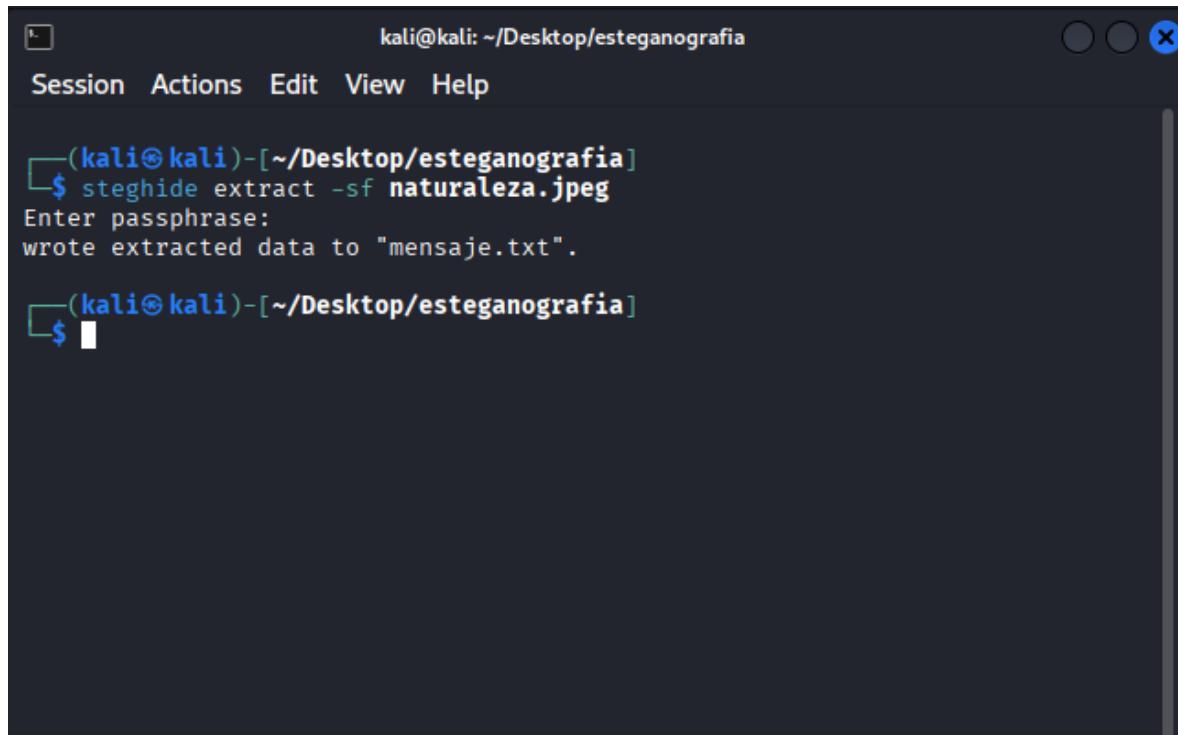
```
kali@kali: ~/Desktop/esteganografia
Session Actions Edit View Help
[(kali㉿kali)-[~]
$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
[(kali㉿kali)-[~]
$ cd Desktop/esteganografia
[(kali㉿kali)-[~/Desktop/esteganografia]
$ ]
```

The bottom terminal shows the execution of the `steghide embed` command:

```
kali@kali: ~/Desktop/esteganografia
Session Actions Edit View Help
[(kali㉿kali)-[~/Desktop/esteganografia]
$ steghide embed -cf naturaleza.jpeg -ef mensaje.txt
Enter passphrase:
Re-Enter passphrase:
embedding "mensaje.txt" in "naturaleza.jpeg" ... done
[(kali㉿kali)-[~/Desktop/esteganografia]
$ ]
```

Paso 5: Extraer el contenido oculto de la imagen

```
steghide extract -sf (nombre del archivo con ext)
```



A terminal window titled "kali@kali: ~/Desktop/esteganografia". The command "steghide extract -sf naturaleza.jpeg" is run, followed by an instruction to enter a passphrase. The message "wrote extracted data to \"mensaje.txt\"." is displayed at the end.

```
(kali㉿kali)-[~/Desktop/esteganografia]
$ steghide extract -sf naturaleza.jpeg
Enter passphrase:
wrote extracted data to "mensaje.txt".
```

