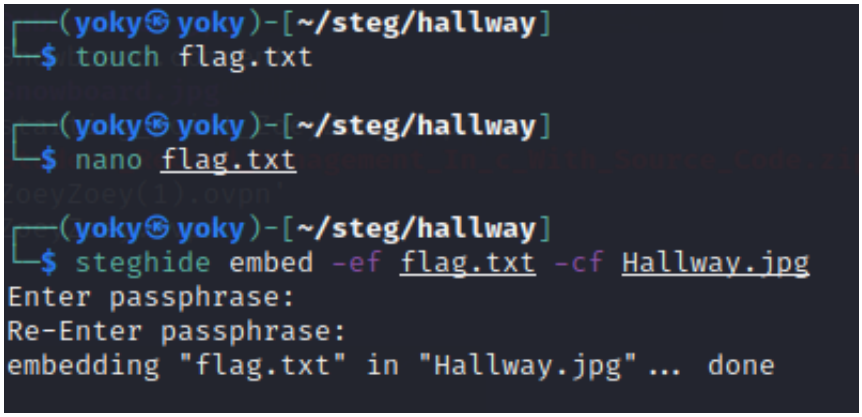
Steganography

Steganography is the method of hiding information within a file. You can hide data in an image, audio, or video, or in a network protocol. There are many tools to practice steganography, like Steghide (an image or audio file) or OpenPuff (an image, audio, or video file).

In this document, we use Steghide to demonstrate how steganography works in an image file.

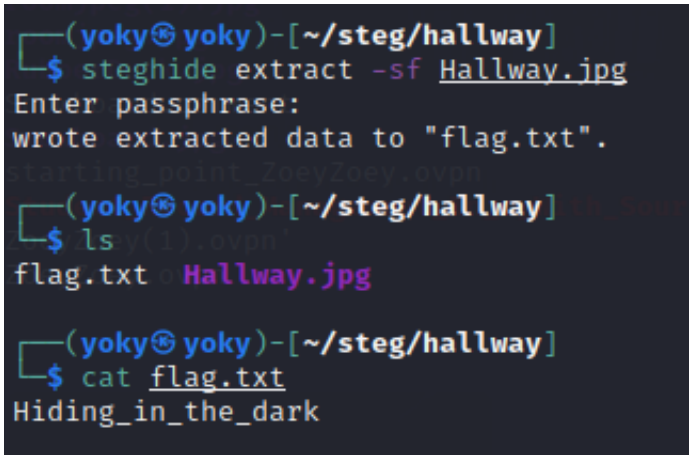
Embed a text file in an image file. Steghide comes with encryption, so you need to enter a password to extract it later, or leave it uncrypted by entering twice.

```
steghide embed -ef <your_secret_msg_file> -cf <filename_to_be_cover>
```



Extraction of a file

```
steghide extract -sf <filename>
```



I add some comment to the image file so people who will extract it have some clue to the encryption password.