Week 4: Spooky Steganography

STEGHIDE:

1. What's the argument used to hide data?

embed

2. What's the argument used to retrieve data from a file?

extract

3. How would you add a password to the file you're hiding data within?

-p

4. How would you specify you don't want to add a checksum to the file?

-K

CHALLENGES:

1. Task 1 - spookyscaryskeleton.wav

Use `steghide` to extract `secret.txt` - there's no password so leave it blank and hit enter

2. Task 2 - hauntedhouse.png

Hidden in the bottom left corner of the photo, can use a tool such as GIMP to change brightness and make life easier!

3. Task 3 - slimer.jpg

Use the `strings` command to look for printable strings within the file

4. Task 4 - officer_doofy.jpg

In top corner, you can just about make out 'password is Doofy's surname - use OSINT' (could use GIMP as previously to change brightness and see this a bit easier. Once you've found Doofy's surname, use steghide to extract the secret using surname as the password

5. Task 5 - clowny.jpg

The flag is found within the EXIF data of the image - use a tool such as `exiftool` . It's in the "`Owner's Name`" field