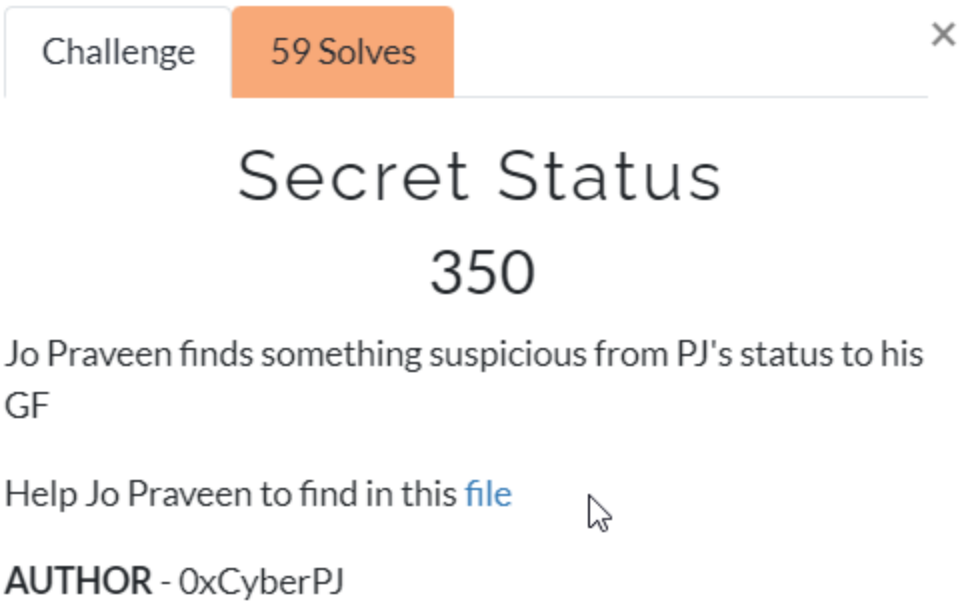
Challenge Name: secret status

CATEGORY : FORENSICS

Level : medium

FLAG: TamilCTF{i_10v3_y0u}

AUTHOR : Paul Jeremiah



Writeup :

⟶ Given : A mp4 video file (38 seconds)

just twisted audio steganography (spectrogram)

Lets start

> - listen to the music
> - at the:20 seconds you can notice some weird sound
> - after that sound good, but wait
> - Again at, the 29th second you can notice the same sound lol

1. For more clarity, im converting mp4 to mp3

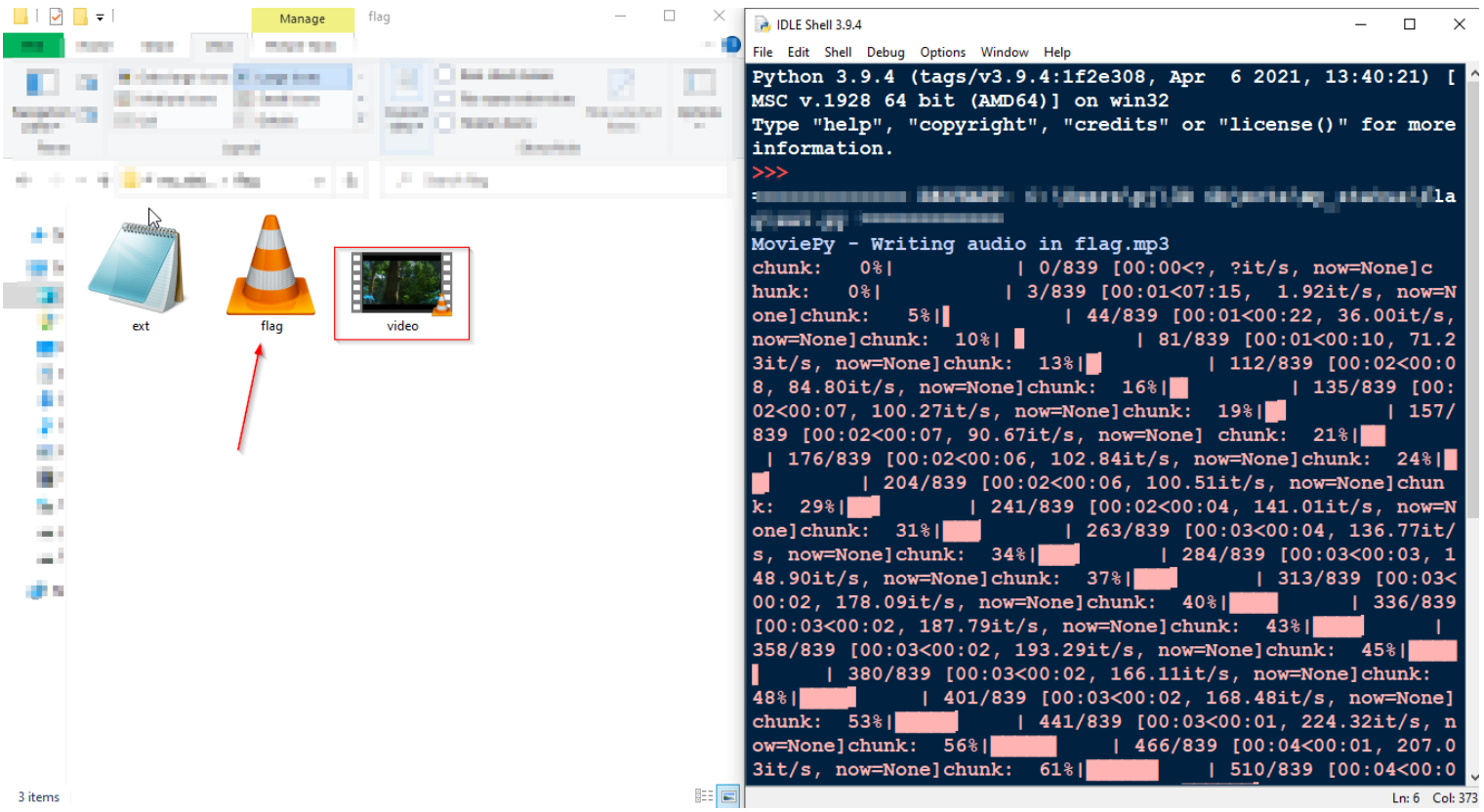
2. raw input makes it hard to read

**- Video is just for tricking players to get into another track

-Lets extract audio from it

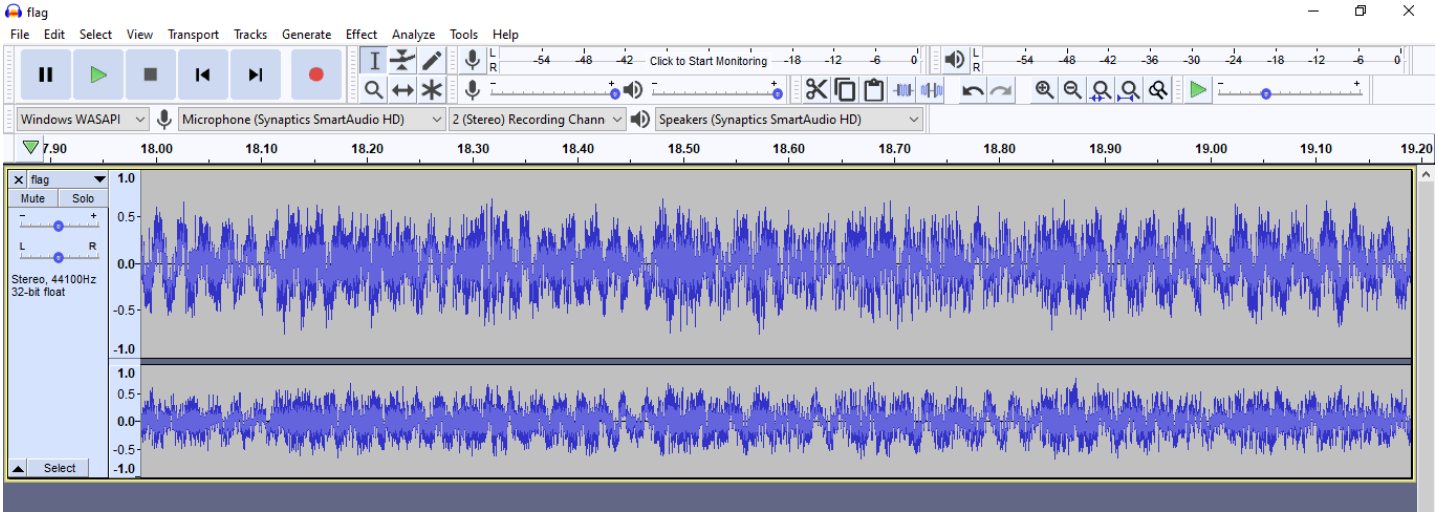
Code :

```
import moviepy.editor
video=moviepy.editor.VideoFileClip("video.mp4")
audio=video.audio
audio.write_audiofile("flag.mp3")
print("|Done|")
```

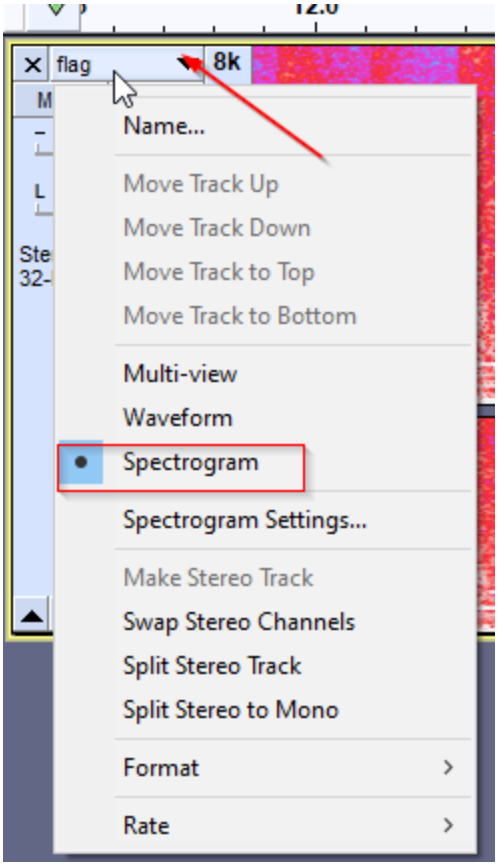


So Done, we can move further like analyzing the audio spectrogram

- tool used: audacity



- select the spectrogram

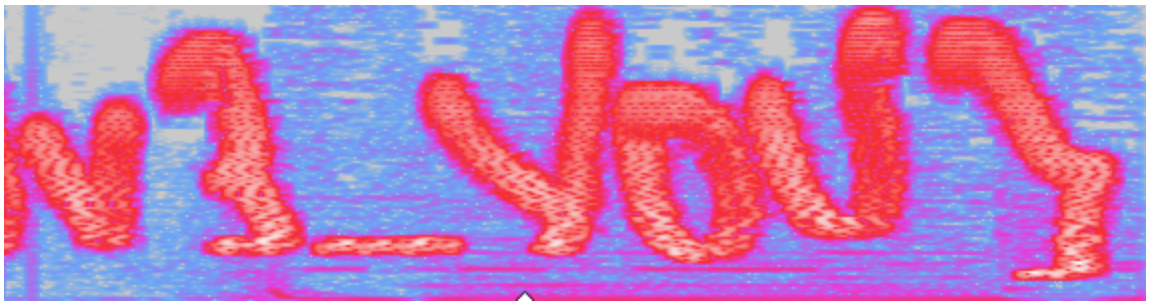


Lets analyze

the first part of the flag!

> TamilCTF{i_10

Lets scroll right →



NOTE : ADJUST THE SPECTROGRAM FOR THE VISIBLITY OF THE FLAG

> v3_y0u}

Flag :TamilCTF{i_10v3_y0u}

DONE ,
Finally we got the Gf's secret lol

CHALL IS EASY ,IF THE WAY IS RIGHT

First Blood:

thehackerscrew	a day ago

T H A N K // Y O U ⟷ @cyberpj