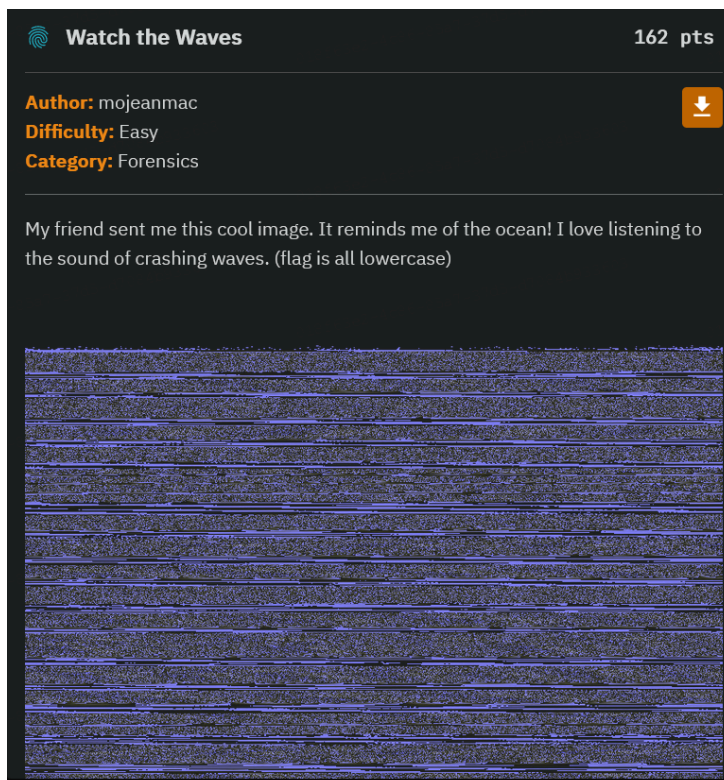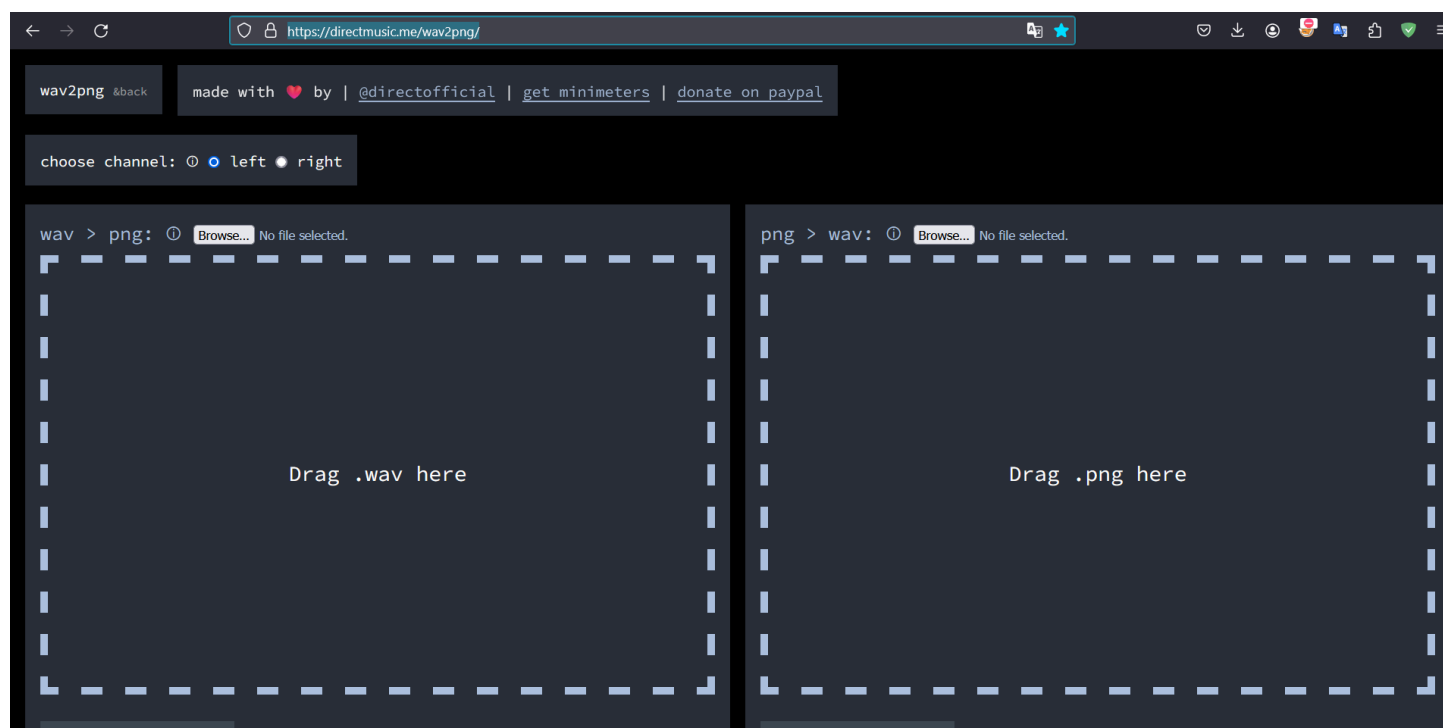# Challenge Watch the Waves

by 0xMR8anem


Searching Google for WAV from a PNG converter

- we got the following link https://directmusic.me/wav2png/

- After that, we uploaded the PNG image and we got wav file that had a lot of noise, but we could hear a woman say something like a flag

- After that, I tried to remove the noise from the audio but this way fail

- so I think, we should work differently, I wondered why we did not filter the image first to remove this noise as the WAV file created from the image

- so I tried to play with the layers in the image I extracted this image with half LSB using the following online stego tool: https://georgeom.net/StegOnline/upload
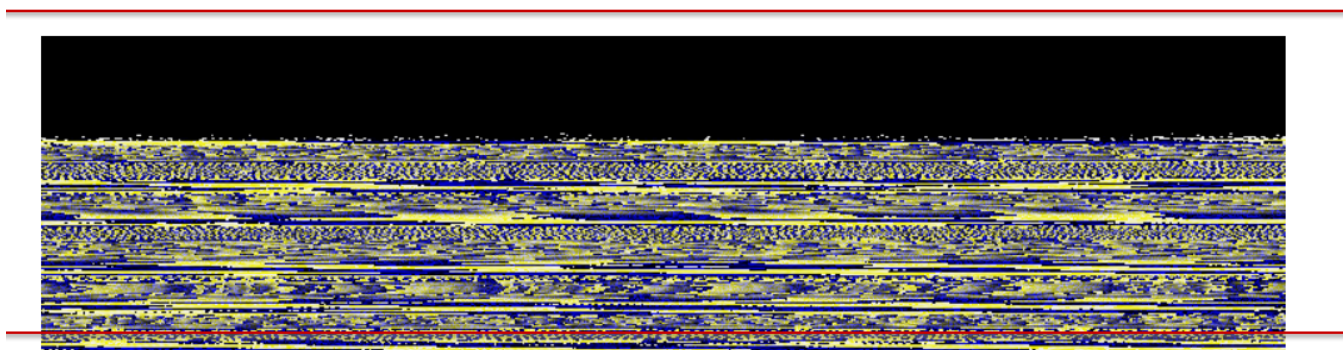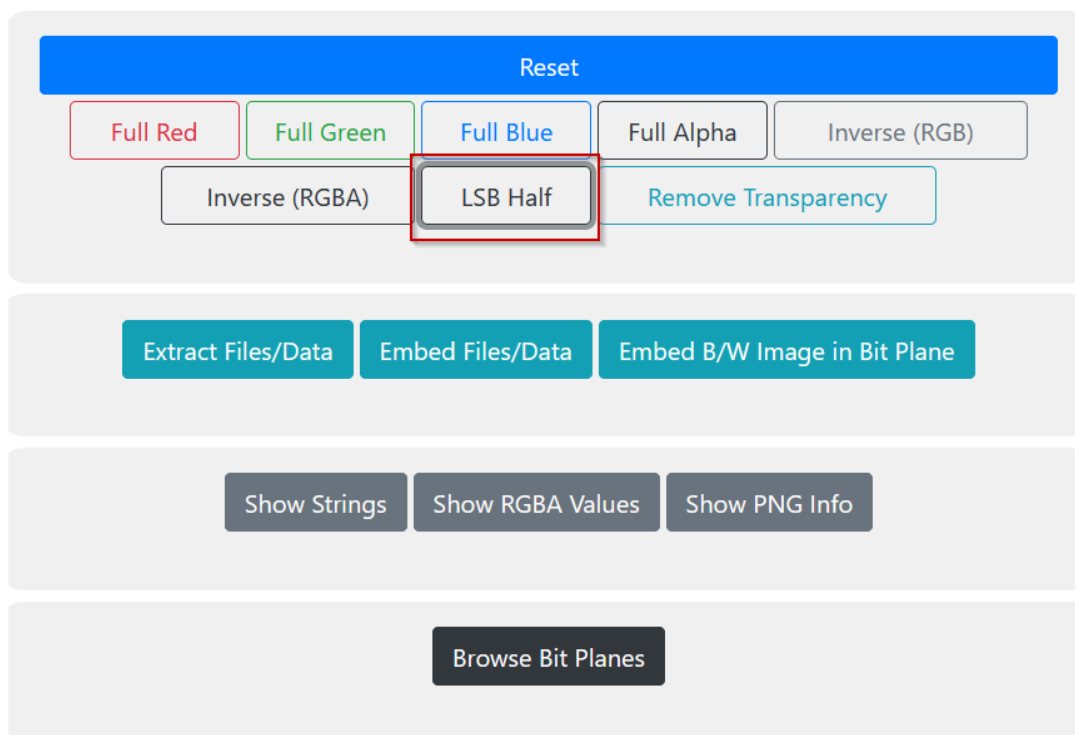
- I found that the audio became more hearable after this step then i thought why not try the image in a full red, green, and blue color which may remove the noise

- I tried a full green image and it worked well to get the flag
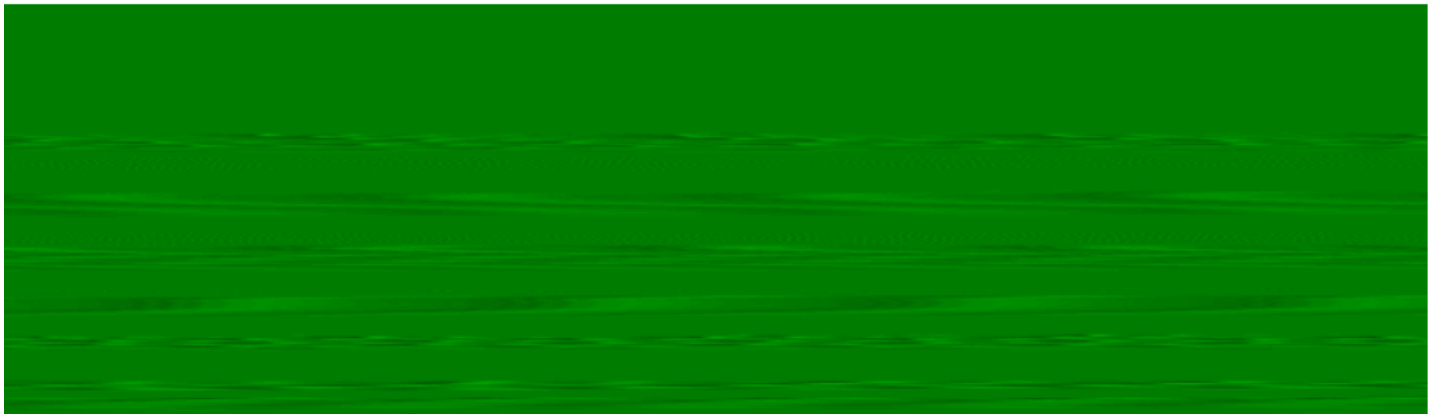
uploaded the image to wav2png platform
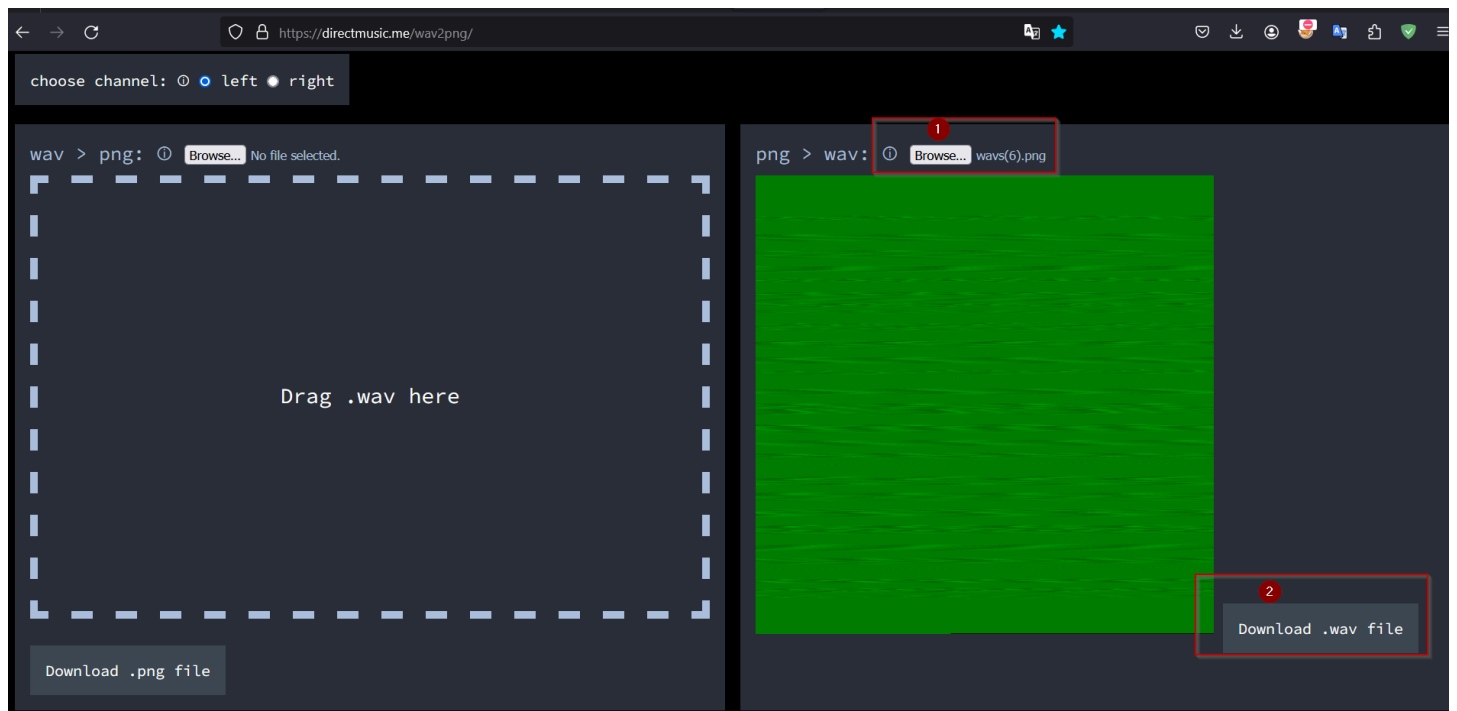
now the audio is clear without any noise and we were able to retrieve the flag

Flag: **sdctf{l3tsg02th3b34ch}**