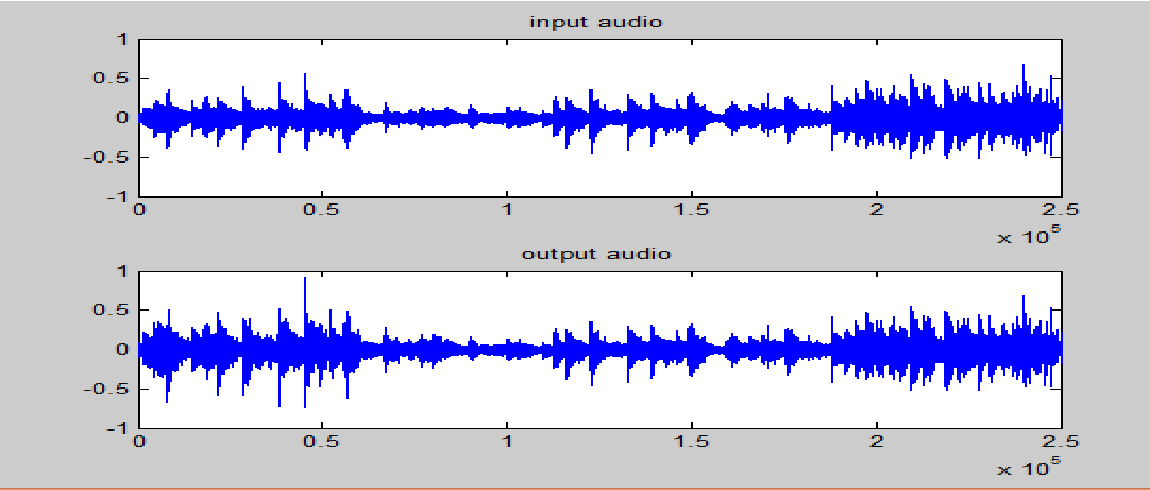
**CTF Topic: Audio Steganography**



**1. Introduction**

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Audio steganography involves concealing information within audio files. This technique leverages the nuances of audio data to hide messages in a way that is imperceptible to the human ear. It's widely used in various fields for secure communication, watermarking, and protecting intellectual property.

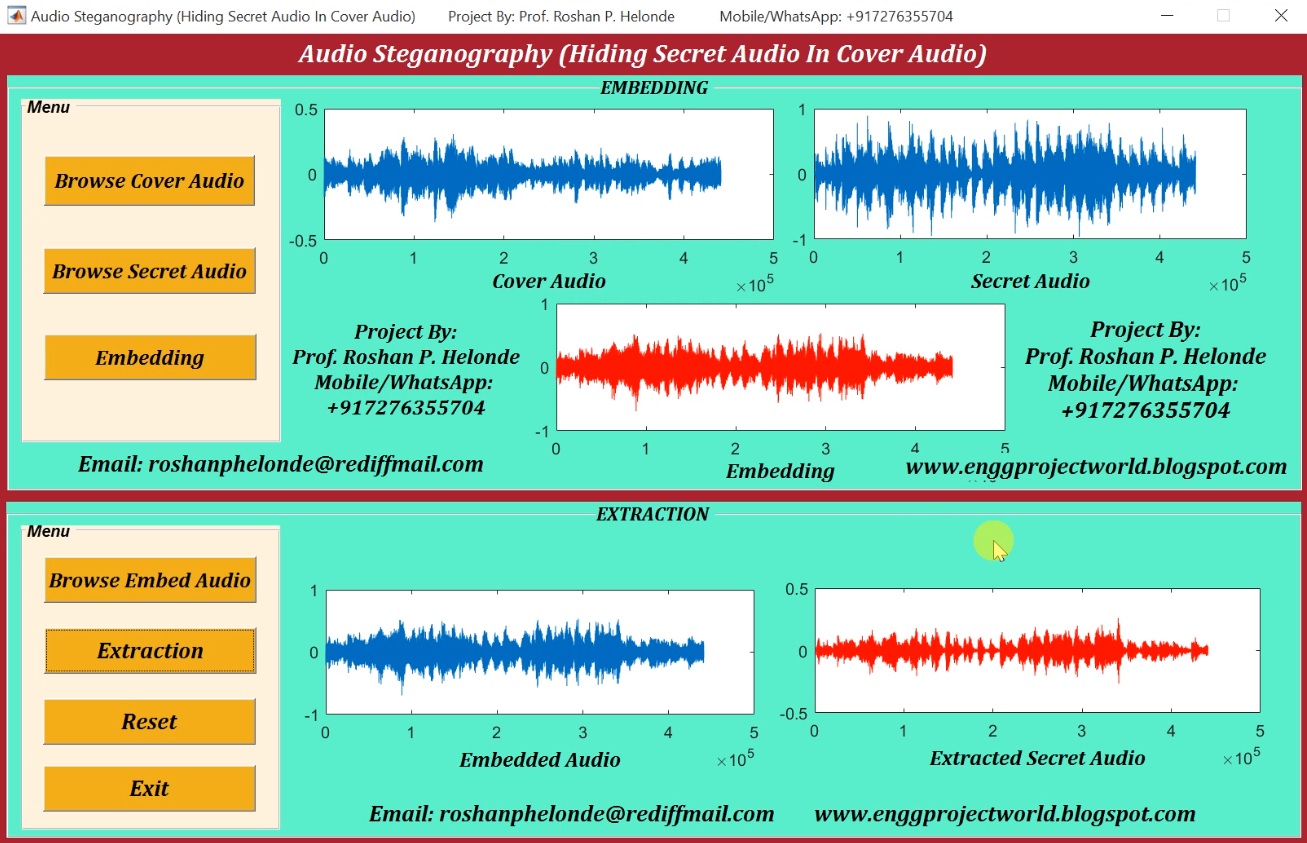
**2. Tools and Requirements**

To perform audio steganography, you will need the following tools and resources:

**Audio File:** The file in which the secret information will be hidden.

Steganography Tools: <https://www.stegonaut.com/> (Tool Link)

**3. Scenario**

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You are a cybersecurity enthusiast who has been given an audio file that is suspected to contain hidden information. Your task is to extract the hidden message from the audio file using audio steganography techniques.

**4. Process to Perform While performing CTF**

Step 1: Go to your browser and open the link: [**https://www.stegonaut.com/**](https://www.stegonaut.com/)

Step 2: Analysing the Audio File: [**https://zippyshare.day/kGGYjBFtVLv4KI3/file**](https://zippyshare.day/kGGYjBFtVLv4KI3/file)

File Password: 123456789

Step 3: Use an audio player to listen to the provided file.

Step 4: Open the file in an audio editing software like Audacity to inspect its waveform and spectral properties.

Step 5: Solve the CTF.

**Let's Begin The Challenge**

**Question**

After analysing the provided audio file and extracting the hidden information, answer the following question:

What is the hidden message in the audio file?

Answer: You capture the flag

Provide the extracted message as your answer, ensuring to detail the method you used to uncover it.

A screenshot of a computer

Description automatically generated