**Problem 1: Wireshark Capture**

Google file: csi.pcap

pcap is an application programming interface for capturing network traffic. These files contain packet data of a network and are used to analyze the network characteristics.

Wireshark is a free and open-source packet analyzer. It is used for network troubleshooting, analysis, software and communications protocol development, and education

Analysis:

Pyftpdlib 1.5.4

USER 0ffs3cUs3r3

PASS very\_secret\_password

GET /flag.jpg HTTP/1.1

User-Agent: {Ariadne}

192.168.49.134 – 192.168.49.2

192.168.49.134 is at 00:0c:29:39:88:97

### Problem 2: Sound.wav File

Google file: sound.wav

Analysis using spectrum analyzer. The audio spectrum analyzer enables you to see the frequencies present in audio recordings.

Hidden Text: flag: e5353bb7b57578bd4da1c898a8e2d767

### Problem 3: encrypted.txt

Google File: encrypted.txt

Analysis:

Whitespace language

128 white spaces

35 two spaces

13 three spaces

6 tabs

1 five space