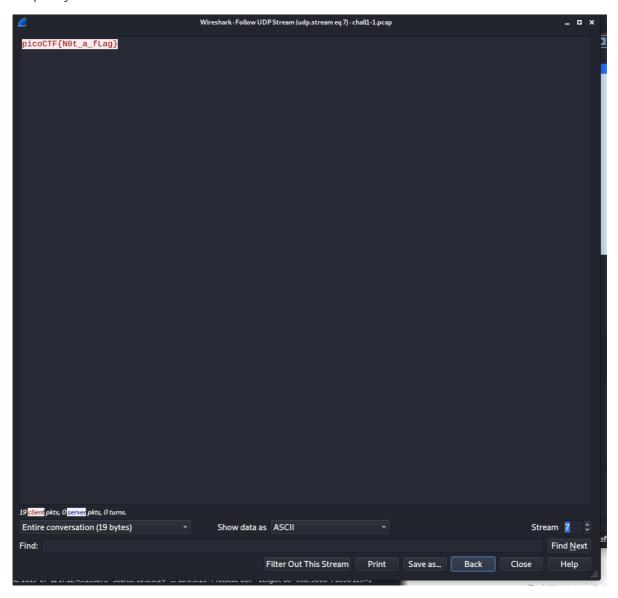
Lab1 CTF Writeup

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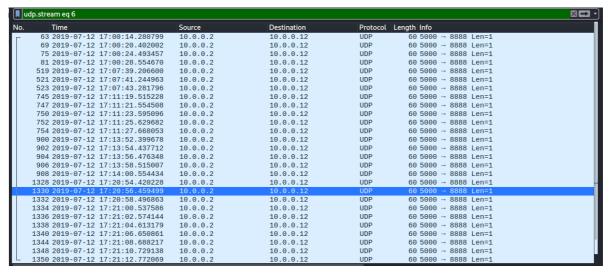
Question 1:

This question give me some hint of "UDP" and "streams", so I try to follow those streams in wireshark.

then I find a "not a flag", but I realize that I can change the button of "stream" at the right bottom to quickly check all the other steams with different number.



and then I find this one when I change the stream number to 6:



```
Wireshark · Follow UDP Stream (udp.stream eq 6) · chall 1-1.pcap

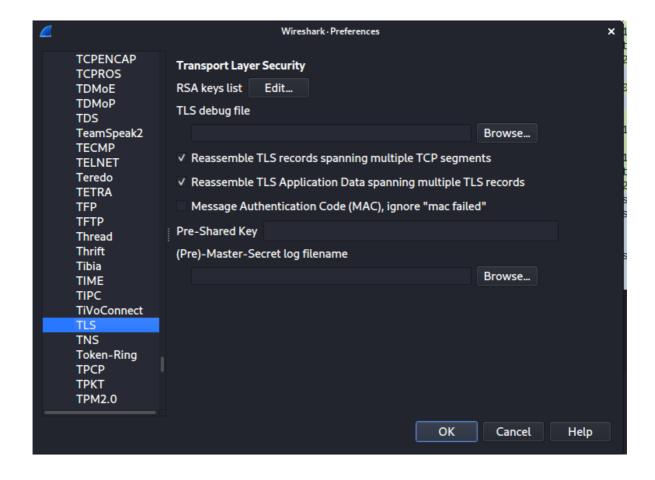
picoCTF{StaT31355_636f6e6e}
```

The flag I found is **picoCTF{StaT31355_636f6e6e}**

Question 2:

This problem give us 2 files, first one which can be opened in wireshark maybe contains the HTTP pack and we can found flags in it. Second one is a log file which indicates that it is used in SSL/TSL protocols.

After searching some information on internet, I notice that SSL/TSL is used by HTTP protocols to encrypt its message. So, searching more information about how to use wireshark to decrypt these kind of decryptions. Then I found this article[[https][tls] 如何使用wireshark查看tls/https加密消息--使用keylog - toong - 博客园 (cnblogs.com)]. Follow the instructions of the articles, I put log file into the wireshark:



The block in the bottom is used to put in blog file. However I can not fully acknowledge what these settings all about, I think I may do some further research later.

However, After putting it in, everything become better. Easily filter with "http contains "flag"", I found the only one left which absolutely contains the flag.

