

I filtered the packets by **tcp.port eq 20** because I saw a packet with the destination port **1337**, I copied all the destination ports with the following command :

```
tshark -r flag.pcap -Y "tcp.srcport == 20" -T fields -e tcp.dstport > ports.txt
```

I found out that all the ports assembled creates a hex message (because the first **2 packets** make number **63**, which is C in Hex from **CTF**) and we have to replace 1337 (2 packets) with the correct hex :

The image contains two screenshots of a Hex Editor application, likely HxD, demonstrating the replacement of specific bytes in two different sections of memory.

Screenshot 1: This screenshot shows the replacement of the byte sequence **1337** (hex value **C0C0**) with **63** (hex value **31**). The input hex dump shows the original sequence **63 746671337326630653533661653235373263335386238326464663664303262346135331356364326439613164663739313462646666536653631616171337**. The output hex dump shows the modified sequence **63 74667B3266306535336616532353732633353862383262646464663664303262346135331356364326439613164663739313462646666536653631616170**.

Screenshot 2: This screenshot shows the replacement of the byte sequence **1337** with **45** (hex value **2D**). The input hex dump shows the original sequence **63 74667133732663065353366165323537326333538623832646464663664303262346135331356364326439613164663739313462646666536653631616171337**. The output hex dump shows the modified sequence **63 74667B32663065353366165323537326333538623832646464663664303262346135331356364326439613164663739313462646666536653631616170**.

This screenshot shows the results of a text comparison between two files. The interface has a green header bar with the title **Text Compare!** and a sun icon.

The left pane shows the content of file 1:
6374667133732663065353366165323537326333538623832646464663664303262346135331356364326439613164663739313462646666536653631616171337

The right pane shows the content of file 2:
6374667B3266306535336616532353732633353862383262646464663664303262346135331356364326439613164663739313462646666536653631616170

Below the panes are buttons for **Email this comparison**, **Edit texts ...**, **Switch texts**, **Compare!**, and **Clear all**.

THE FLAG : ctf{2f0e53fae2572c358b82bddf6d02b4a5315cc453d2d9a1df7914bdffe6e61aa}
~Z4que