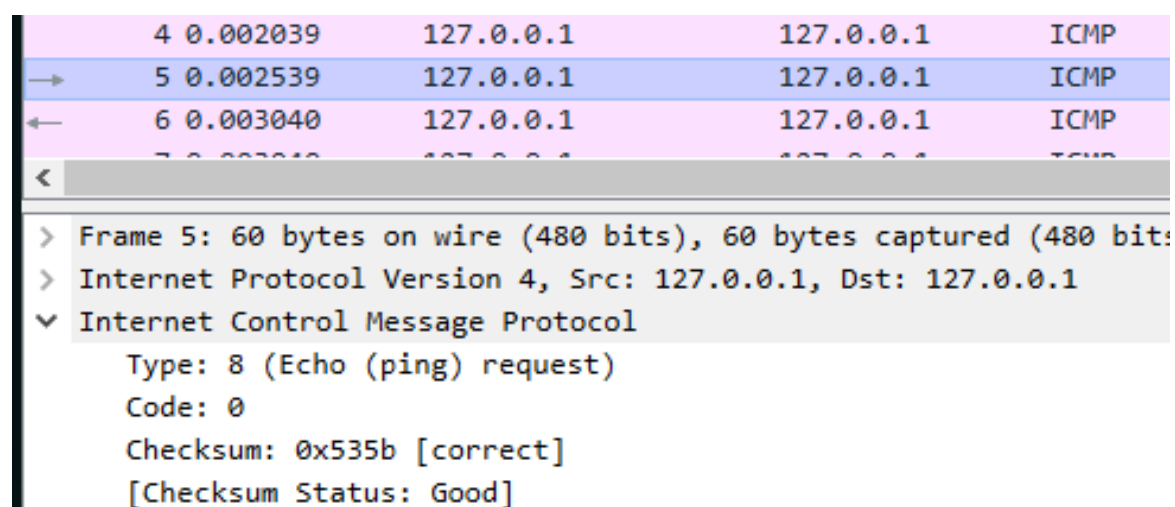


## The echo

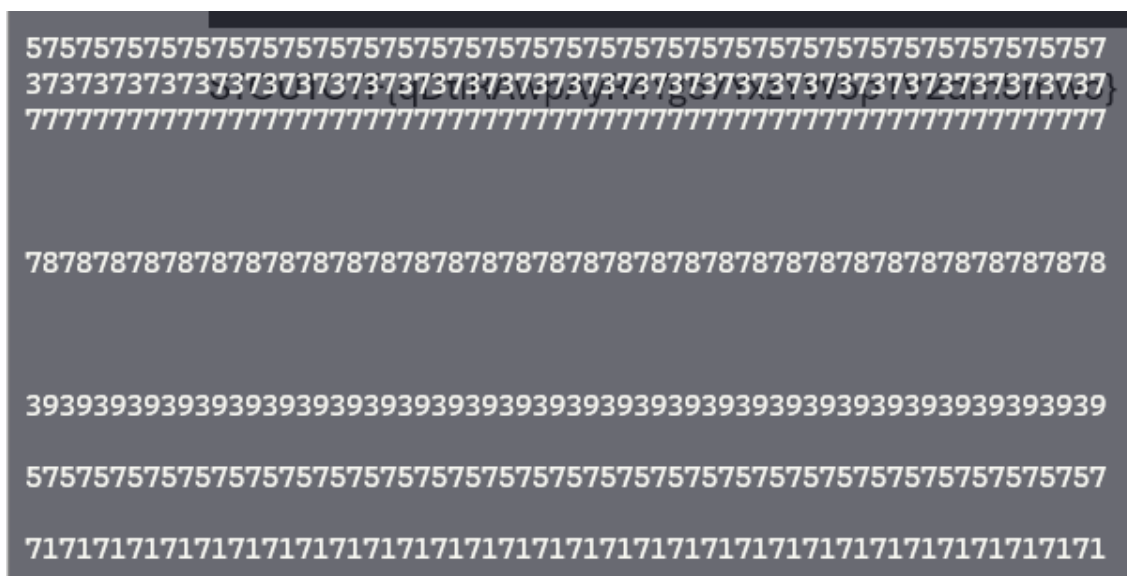
When opening the wireshark file. We can see strings in every packet. We can use tshark to extract data from wireshark via linux terminal. After understanding about the data in wireshark, I know we need to extract the data field. This solve is one liner so I apologise because it's not so beginner friendly. But I'll give the visualisation on why I use this command.

```
tshark -r TheEchos.pcap -Y "icmp.type == 8" -T fields -e data | cut -c 1-2 | tr -d '\n'
```

Baically, -r is we reading the file. We need the data in icmp because theres only icmp packet. If you take a look at one of the packet, there is type 8 mentioned.



Then -e data is just extracting data. Using | (pipe) command to use multiple command. Using tshark -r TheEchos.pcap -Y "icmp.type == 8" -T fields -e data we get below



Add the cut -c 1-2 to get below.

71

[illegible]

STOUTCTF{fZtPEj720e1OKFrQPgoulCBdgVAtD14N}