

Module **pktSniffer**

Functions

```
def main()
```

Main function that analyzes Pcap network files and print out info based on provided filters.

Arguments: None Returns:None

Use Pyshark Library along with OS to read in and create a dictionary for each packet. The keys are the name of the attribute and the value is the data itself. All packets are stored in a list called "Packets" before being filtered and printed.

```
def printPackets(outputPackets, c)
```

Function that takes the list of all packets needed to be displayed and prints them to stdout.

Parameters: List outputPackets: Contains all the packets that remain after filters have been applied Each index of the array is a dictionary holding 1 packet of information int Counter: This is the argument the user passed in when using the -c flag Limits the output to C packets

Functions

main

printPackets