```
pip install scapy
```

Collecting scapy
    Downloading scapy-2.6.1-py3-none-any.whl.metadata (5.6 kB)
    Downloading scapy-2.6.1-py3-none-any.whl (2.4 MB)
    ━━ 2.4/2.4 MB 21.1 MB/s eta 0:00

    Installing collected packages: scapy
    Successfully installed scapy-2.6.1

```python
from scapy.all import sniff

def packet_callback(packet):
    print(packet.summary())

# Sniff 10 packets
sniff(prn=packet_callback, count=10)
```

Ether / IP / TCP 172.28.0.1:44896 > 172.28.0.12:8080 PA / Raw
Ether / IP / TCP 172.28.0.12:8080 > 172.28.0.1:44896 PA / Raw
Ether / IP / TCP 172.28.0.1:44896 > 172.28.0.12:8080 A
Ether / IP / TCP 172.28.0.12:8080 > 172.28.0.1:44896 PA / Raw
Ether / IP / TCP 172.28.0.1:44896 > 172.28.0.12:8080 A
Ether / IP / TCP 172.28.0.12:8080 > 172.28.0.1:44896 PA / Raw
Ether / IP / TCP 172.28.0.1:44896 > 172.28.0.12:8080 A
Ether / IP / TCP 172.28.0.12:8080 > 172.28.0.1:40266 PA / Raw
Ether / IP / TCP 172.28.0.1:40266 > 172.28.0.12:8080 A
Ether / IP / TCP 172.28.0.1:44896 > 172.28.0.12:8080 PA / Raw
<Sniffed: TCP:10 UDP:0 ICMP:0 Other:0>

```python
from scapy.all import sniff, IP, TCP, UDP

def packet_callback(packet):
    if IP in packet:
        ip_layer = packet[IP]
        print(f"Source: {ip_layer.src} → Destination: {ip_layer.dst}")
        print(f"Protocol: {ip_layer.proto}")
        if TCP in packet:
            print("TCP Packet")
        elif UDP in packet:
            print("UDP Packet")
        print(f"Payload: {bytes(packet.payload)}")
        print("-" * 50)

sniff(prn=packet_callback, count=10)
```

Source: 172.28.0.12 → Destination: 172.28.0.1
Protocol: 6
TCP Packet
Payload: b'E\x00\x04\xa1\x88"@\x00@\x06U\xef\xac\x1c\x00\x0c\xac\x1c\x00\x01\x1f
----
Source: 172.28.0.1 → Destination: 172.28.0.12
Protocol: 6
TCP Packet
Payload: b'E\x00\x004\x94\x94@\x00@\x06M\xea\xac\x1c\x00\x01\xac\x1c\x00\x0c\xbb

```
--------------------------------------------------------
Source: 172.28.0.1 → Destination: 172.28.0.12
Protocol: 6
TCP Packet
Payload: b'E\x00\x00<Y\xec@\x00@\x06\x88\x8a\xac\x1c\x00\x01\xac\x1c\x00\x0c\xbb
--------------------------------------------------------
Source: 172.28.0.12 → Destination: 172.28.0.1
Protocol: 6
TCP Packet
Payload: b'E\x00\x00<\x00\x00@\x00@\x06\xe2v\xac\x1c\x00\x0c\xac\x1c\x00\x01\x1f
--------------------------------------------------------
Source: 172.28.0.1 → Destination: 172.28.0.12
Protocol: 6
TCP Packet
Payload: b'E\x00\x004Y\xed@\x00@\x06\x88\x91\xac\x1c\x00\x01\xac\x1c\x00\x0c\xbb
--------------------------------------------------------
Source: 172.28.0.1 → Destination: 172.28.0.12
Protocol: 6
TCP Packet
Payload: b'E\x00\x02\xf8Y\xee@\x00@\x06\x85\xcc\xac\x1c\x00\x01\xac\x1c\x00\x0c\
--------------------------------------------------------
Source: 172.28.0.12 → Destination: 172.28.0.1
Protocol: 6
TCP Packet
Payload: b'E\x00\x004\xf1\x9f@\x00@\x06\xf0\xde\xac\x1c\x00\x0c\xac\x1c\x00\x01\
--------------------------------------------------------
Source: 172.28.0.12 → Destination: 172.28.0.1
Protocol: 6
TCP Packet
Payload: b'E\x00\x00\xe3\xf1\xa0@\x00@\x06\xf0.\xac\x1c\x00\x0c\xac\x1c\x00\x01\
--------------------------------------------------------
Source: 172.28.0.1 → Destination: 172.28.0.12
Protocol: 6
TCP Packet
Payload: b'E\x00\x004Y\xef@\x00@\x06\x88\x8f\xac\x1c\x00\x01\xac\x1c\x00\x0c\xbb
--------------------------------------------------------
Source: 172.28.0.12 → Destination: 172.28.0.1
Protocol: 6
TCP Packet
Payload: b'E\x00\x00J\xf1\xa1@\x00@\x06\xf0\xc6\xac\x1c\x00\x0c\xac\x1c\x00\x01\
--------------------------------------------------------
<Sniffed: TCP:10 UDP:0 ICMP:0 Other:0>
```