AIM: Write a code using RAW sockets to implement packet sniffing.

```python
from scapy.all import sniff
from scapy.layers.inet import IP, TCP, UDP, ICMP
def packet_callback (packet):
    if IP in packet:
        ip_layer = packet [IP]
        protocol = ip_layer.proto
        src_ip = ip_layer.src
        dst_ip = ip_layer.dst

        protocol_name = ""
        if protocol == 1:
            protocol_name = "ICMP"
        elif protocol == 6:
            protocol_name = "TCP"
        elif protocol == 17:
            protocol_name = "UDP"
        else:
            protocol_name = "Unknown Protocol"

        print (f" Protocol: {protocol_name}")
        print (f" Source IP: {src_ip}")
        print (f" Destination IP: {dst_ip}")
        print ("-" * 50)

sniff (iface = 'Wi-Fi', prn = packet_callback, filter = "ip", store = 0)
```

Output:

Protocol: TCP

Source IP: 18.67.161.74

Destination IP: 192.168.1.123

Result:

Hence, packet sniffing of packets was executed successfully.