```
Peatical-14
Ex. No: 14
Date:
Aim:
  Write a code Using Raw Sockets to implemen
  Packet sniffing.
Code:
  from Scapy all import snift.
  from Scapy. layers. inet import IP, TCP, UDP,
                                         ICMP
def packet - callback (packet):
 if IP in packet!
   1p-layer = packet [IP]
  Protocol = 1p-Layer. proto
   Src-ip = 1p-Layer. Src
   dest lip = ip-Louger. det.
 Protocol-name = ",
 If protocol == 1!
   protoco Lname = " 1cmp"
 elif protocol==6:
   Plotocol -name = "TCP1
elif protocol==17:
  protocol_name =" UDP"
else
   protocol_name " Unknown Protocol"
   Print (f" Protocol: Sprotocol-name y")
```

Print (of " Source IP: & source - ips")

Print (f" dertination IP: &dest-1991) Paint ("- " * 50)

let main

snift (iface = WiFi', pm = packet -cauback, fliter :"Ip", Store (0)

if_name - == "1 main -": main ()

Olp:

Protocol: TCP

bource 1 P: 51.132 ,193.105 destination 1P: 192,161,34,193

Protocol: TCP

Source1P: 198, 168.34, 193

destination IP: 51.132.193.108

Thus implementation of packet sonifting

is done using Raw BOCKERS.