EX:NO:14
6/11/24

PACKET SNIFFING

AIM:

Implement your packet sniffing

CODE:

```
from = scapy import all sniff
from scapy layer 'not import IP, TCP, UDP
FCN
  def packet. callback (packet)
    if IP is packet
      ip_layer = packet [IP]
      protocol = ip_layer - protocol
      src_ip = ip_layer - src
      dest_ip = ip_layer. atlast
  protocol = fname = " "
    if protocol = = IP
        protocol_name = 
    elif protocol = = 6
        protocol_name = "TCP"
    else
      protocol_name = "UDP protocol"
  printf ( " proto : {proto_name 3+)
  printf (" _ " # 50)
  def prov ()
      sniff = " wifi" diff = packet
      callback iter = "IP", start = 0.
```

```
if name == "main":
    prn()
```

OUTPUT

```
proto: TCP
Src IP : 20.297.184.143
Des IP : 172.20.10.2
```

RESULT :

Thus the packet sniffing has been implemented successfully.