```
Packet Suffing.
   Fac: no: 14
   Date: 8/11/24
  to write a code using RAW sockets
To implement packet snuffing
Pm
  megram:
   from scapy. all import sniff
   from scapy. layers. inet import 1P, TCP. ODP.
 def packet-callback (packet):
   If IP in packet:
      ip-layer = packet [1P]
        Protocol = ip-layer. proto
         Soc-ip = ip-layer.soc
         dst- ip = ip-layers dst
 # Determine the probabl
    protocol-name = ""
 il == 1:
      protocol. name = "ICHP
ely protocol == 6:
      protocol-name = "Top"
ely protocol = = 17;
      gootold name/= "UDP"
     protocol - norme = " Bakmon, Protocol
```

# Print packet details

Print (f" Protocol: { protocol. name }? }

paint (f" Source IP: { sre\_ip } " 3" }

paint (f" Destination IP: { ds+\_ip }")

print ("-" x 50)

def main ():

Snigh (iface = wi-Fi', prin = packet- callback

futer = "ip", store = 0)

y-name - == "-main\_"

main ()

OIP:

Protocal : TCP

Source IP: 20.247. 164.112

Destination IP: 172, 20, 10, 2

Protocol: TCP

Source IP: 20.247.164.142

Destination 1P: 12,20.10.2

Result:

The program was exceeduly exceeding and the OIP to reaferd

J- (0/10)