```
20 to: 09/10/25
```

produced-14 products of the

Aim:
write a code using RAW soclets to implement
packet sniffing.

CODE :

from scapy all import sniff from scapy layers inll import IP, TCP, UDP, DUAP

det (Paelat- callback (pachet):

it 2p in packet:

Src-ip = packet [20]. Src
det-ip = packet [20]. det

of TCP in packet:

Scr_port = parket [TCP]. spot t dist-port = parket [TCP]-dpot print-Cf'tcp parket: [8rc-ip]: [src-port] -> [dst-ip]: [dst-port]')

elif upp in packet:

src-port= packet [upp]. sport

dust-port= packet [upp]. dport

pruit (f'upp packet: (src-143: frc-port)

---> { dst-ip3: {dst-ports")

elit 2019 is packet:

print Cs " DC MAP packet: {src.ip 3-> Elst 1739

else:

print & "2p packet: [src-ip]-) {dsf-ip}"

print(" starting network sniffer: ")
Sniff (prn: packet-callback, files = "1p", store= False under a colo way from solots to imply proffers law. 70 Bush Drog me the FRAREmon scard padary and mount In actions mark of contact collhole (nachel) Haby as 42 /1 310 - 1p = partial (200) - 216 Jak Pari Labora 91-Jak delege to got fo 1677 Evor Hedring : 1109 1108 deal- port - partial [ace). Apat print (1' ter packet; Earth) to - pake - (dst 163 (dat - fort)) haling a gar file ste-port = pocket Cupped sport date perter packet [upp]. Appri 1 1200 (1 upp packet (200-14): (200) (") tog. + ely Em Jebs 1 1 --Result. Hence packet, sniffing war executed Her successfully using RAN socket coole.