EXPT 14

2009 = 24 HO , 17-11/1 = 220/12) Hive Date: 4:10.25

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

PROGRAM!

901: 1600 toxy from scapy all import snift from scapy. Layers. Lenet empored IP, TCP, UDP, ICMP des packet-caleback (packet):

of IP in packet: Prictocel : UDP · protocol = cp\_layer. protog = north mines Derc-ep = 1p-layer. sec-

protocol\_name = 7,0,000,000 cigz egymon

det\_ ep = 1p\_layer.det110 1: 1000001

protocol - name = "ICMP"

elif pointocol == 6: protocol name = "TCP"

clif protocol == 17: forotocol\_name = "UDP"

else:

pristois - name = "Unknown Protoiol

pount ( 6" protocol: & protocol\_namez")

prient (f "Source IP: 2 suc\_Ppy")

yount (t" Destruction IP: ¿dst\_Pp 3")

print ["- 11 \*50)

sniff ( face = 'Wi-Fi', pour = packet - callback, freter = "1p", store = 0) that Born story or work that A

payin degary mamilymb

PROGRAM

protocol: TCP

with them all piges " Smart SOWICE IP: 192.168.1.5

Destruction IP: 142, 250, 183, 238

Prietocel: UDP

source IP: 192.168.11.5

Destination Ip: 8.8.8.8 \_ 9 = forestern

Protocol: ICMPH mystage = 90 tol

Source Ip: 192.168.1.5

PREFECTOR - NOWE Destination IP: 192.168.1.1

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des packet a could act type Leb \_ .

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"Acc. - Jone of Those torich.

## RESULT!

The program was emplemented and et successfully captured and arsplayed live network packets. Justingion Ind the 1 th