chim: write a code using PAW sockets to angele. moret perset snibbing.

Algorithin:

1) Define Packet wellback tuntion, overt a direction facket-Callback that processes incoming packets.

· Extract protocol une source IP and disti-

2) Set up Passet snipping

· use Stappy & compt character to capture

· Apply an 1 Pfilter to laptur only CP parkets

3) tuplement to chain tention:

· Define a avoir christian to start the facket snipping proces

te) Run and drawter: French the surjet.

chrown scapy all compart snift

chron slapp/ clavers int impart 1P, TCP,
VDP, TIKMP

det parket fallbak (farket):

isp-dayer = Packet CCPT

Prototol = ip-layer proto

ON - ip = ip-layer - core

Ast - ip = ip-clayer - dot

Prototol + crosse = ""

The protocol = = 1"

if protocol ==1:

protocol nand = "ICMP"

elip protocol = = 6:

alib protonel = = 0

protosol-name = (unknown brotosol ()

print (cf (brotosol : S protosol -namo ; ()

print (cf (sowno (P: Sovy -igo & 1))

prinot (4-11450)

def arein ()

wifet (about : 1 con Fil, prin parket lalback,

choline : 1 ip (1, stare = 0)

Sub-vaine = - "main!":

Sorp.

Prototol: T(P Some 10:192.168.1.10 Destination 1P:93.184.216.36

Resent:

Thus the Program has been oxented simesfully