Exp. No:14 Date: Ping-survey) AIM! To Implement a code using law sockets of implement packet duffing ? 194100 Harry 12 Source Livering on 121.0.0.1: 103 de CODE: 1.0 0. PM) mort goodson boursong from scapy all import suff wonty from scapy layers met import IP, TEP, UDP, 1cm dy packet - Callback (packet): if IP in packet: ip-layer = packut E IPT Protocol = ip layer, proto Stc- 19 = 1p-layer. Stc dst = ip = ip - layer, dst prodocol _ hame = " " if protoced ==11. Protocol_name = "ICMP" elif protocod = = 6: Protocol_name="TCP" llif Protocol == 17; protocol - name = " upp" rely: protocol hame i unknown protoce Print (f' protocol: (protocol - name y') Print (f Source Ip: fsrc-ipy) P Hut (f" Destination 19: 8dx 193") Print ("- " # 50)

ar oid ave dy main(): TENER: 5.16.24 Swiff (iface = 'with', prn = packet = callback, filter= " ip 1/4 Store = 01 Je f - name - = = main - : main (1) wing webulizer that. output: : DRUKODOVA Protocal: TCP Source Ip: 20.247.184.142 Pestination Ip : 172 20:16.22 +4926 (\$ Protocal: 572 phodow NUI 2519 (8 Source IP: 20.247.184.142 Destination Ip: 172.20.10.2 Protocol; TCP Source IP: 172,20,10,2 Pertination Sp: 20. 247. 184. 142 protocol: TCP Source IP: 172.20.10.2 Destination Ip: 20.247. 184.142 22003 Result: Thus the packet sniffing Program was executed direcessfully and the output is verified Taluln