

-3 1P route and default #IP voute add default via 192.168-1.264 du -> Add default through gatenway # 1P route add 192. 166. 1. 0124 Via 192.165.1.264 chain - Adding route to device # ip noute and 192.168.1.012.64 dew enp25.04 -) delate vouto through geternay # 1P noute delete 192.168.1.0124 via 192.168.1.254 -> display route for ip lw # ip route get 10:10:14 10.10.1.14 Via 172.18.8.1 du enp 2804 172. 16.9.92 ideach # mtr goode com 1/172.16.81 statistic 41. 229. 49 142. 251. 227. 127

-> ping d-ymr-p # mhr -b goode com localhosts local cloman (0.10.0) 17.2.16.8.) C216.08 149 - 260.171 - 162 > nmcli 142. 251. 227. 217 → &cp dumb -D new 1. enpreso I up, running 1 899 2 ever 350 tup, nunning ethorne 3- any Opseudo device that couptine Intertion) - Amo 4. 10 I up , running etherne → tcp dump-c Succe # topdump-i epp2sofre host b.1.1.1 tepdump - rv for full prolocol dude lustering on enpres Linkly pe Fnioms Capture 512 202. 144 byte

ping - c 10 google wm 64 hytes from maa 05 Dio - In-fix - 100 net C216.08. 200-192) 1cmp Seg-2td-120 -> nmcli - Correction show New 802-9- ethornet Connection 7d45 bille-1899-4241-8649-03 CLOSac766a 802-3-3 ethornet enp200 -) Amoli Connection add Con-name " new 802-3-Ethernet - Connection" if name enpaso type Ethornet
Succenfully added

→ # nmcli Connection modify 11 new 802 - 2- ethornet
Connection: Connection intogal - name cauto

ethornot Connection Connection- autown ect you

nmcli show "now 802 - 3 - Othernets Connection"

annection interface - name enpres

id: "new 802-3"

unid: 25\$ 1097 - 370e-4505 - 9040

Interface name: enprso

type . Offmonet

autronnect: yes

read only no

nmcli Show Know 802- 3 ethornet annechion

Connection . Cub connect yes

id : " new 202"

Merio: 88 ft 109 f -370 e 42018

type ethonet

nm cli show

5. nmcli

nmcli

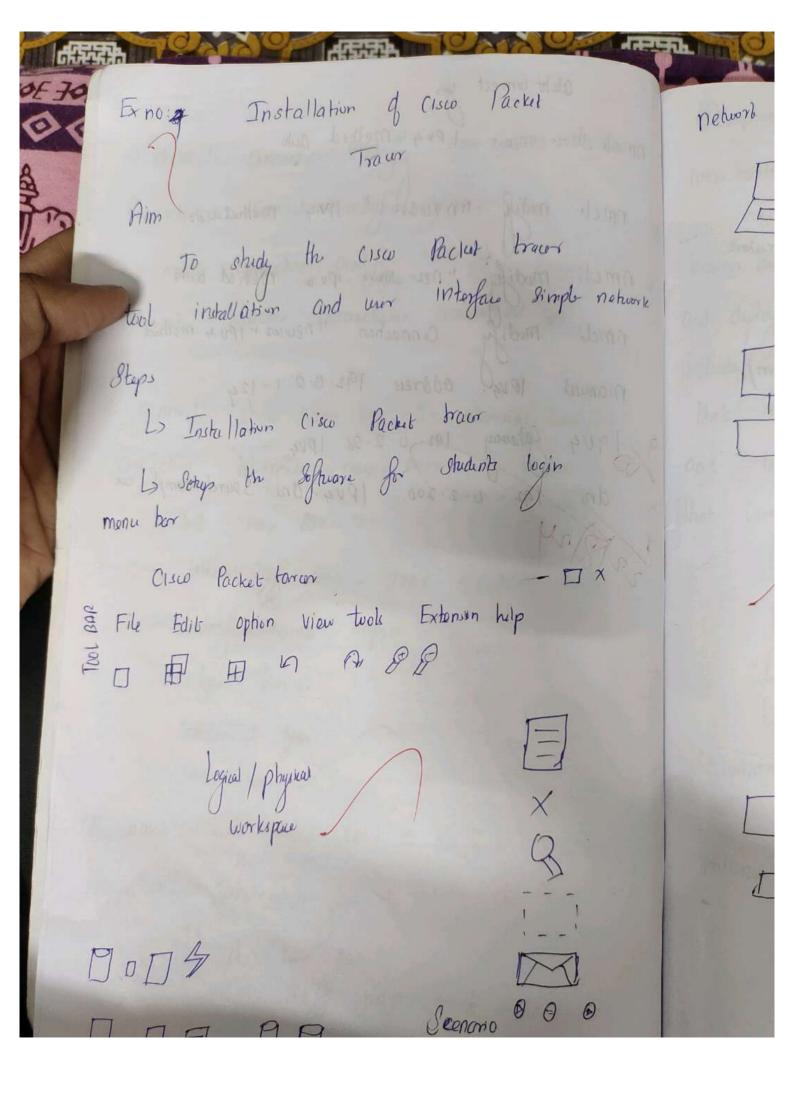
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manual

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dru

all to wheat yes nmcli show rinew 1 pv4 - method auto 5. nmcli modify 11 n ew Soz. 1 1PX4. method auto nmcli modify "new soz" ipu 6. method auto nordi modify Connection "newsoz" IPU 4 method manual 1929. address 192.0.2.1.124 9 14 Gateway 1920.2.26 1PV4 drs 192. U. 2.200 IPV4. On Sparchexample us



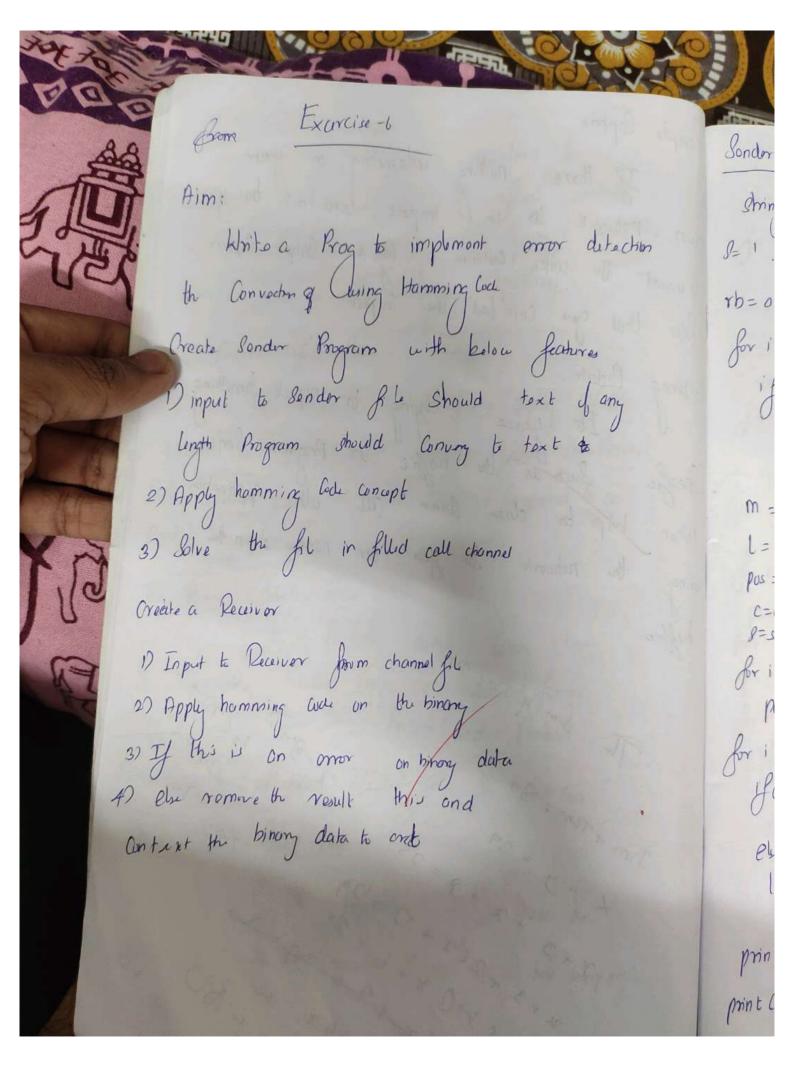
network Connection Switch Vs AUR notwork Switch Hub 105 105 JAC JAC JAC

Description: Exp no: 5 Wirestorle. wire shark Wixes Exponment on Padest Caphire tool : Wireshork Aim: known as and deploy * Sniffer messager being Sat / received from) Packet Striffer. include for that let your Computer and impe * Ohra and display the Portent of the Various Klhat Can Potential field in the mesoge & Passice Bryan 6 newer read Packet Size itself Le no Packets addressed to it Wiroshark La receive a copy of all Packets Padet Sniffer Structure Diagnostic tol Popular topdump Life: tepdump - enx tet L wire short wrigharle - y exceptual

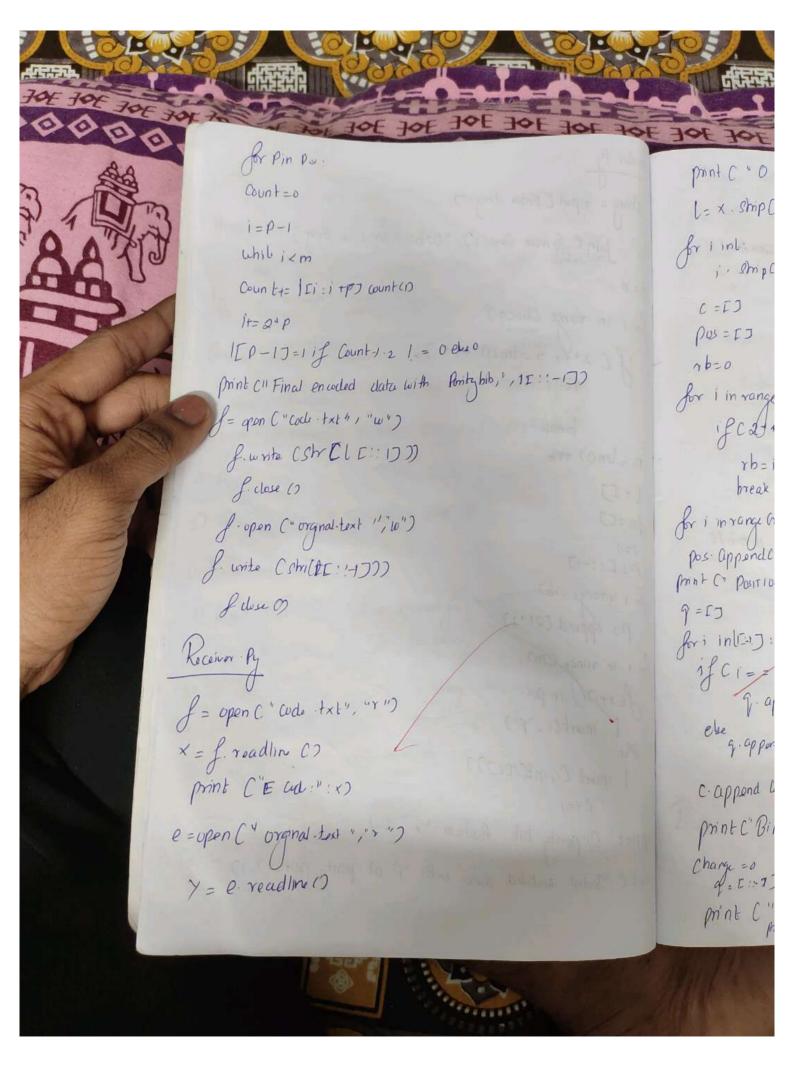
Description: Wirestorle: wires hark a network analyser tool formally known as etheral capture padet in real time and deploy in human readable firmat Hirachank include filter, color, coding and other feature that let you die dep linto nothers traffic and inspect indivial Packets What can we do with wireshook Lo capture network traffic Ly Dead Padeet Probobl Lying alisset Lo Defor alter - Capture and deploy by Analyse Bolden Wiroshark was for 1) network administrators: broubleshook network Poblem La Parople hours network Broker interval
La Developer - delay potocal / implementation

window or maior from it officed wobsites Sample Ca for issue or another unix lile dystem. Hiroshork own non will be found in its Package repositives Covored. files that The Packet lift Pane Filtoning Pac The Packet list Pane deploy all the Packet in the Curronts Capture Ste. the Packet Specific list Pare Each line in the Packet Compared to on when both Padest in Cophre fil. The Ruket details Pone haffic the Packet details Por Show the Current Packet in a more dekilled form life Pane Show the Probabl and Probabl held of the Packet Selected in the Packet last the " Packet Lyto" Pane The Packet Pytet show he data of the Corront Pador in a hix dump style

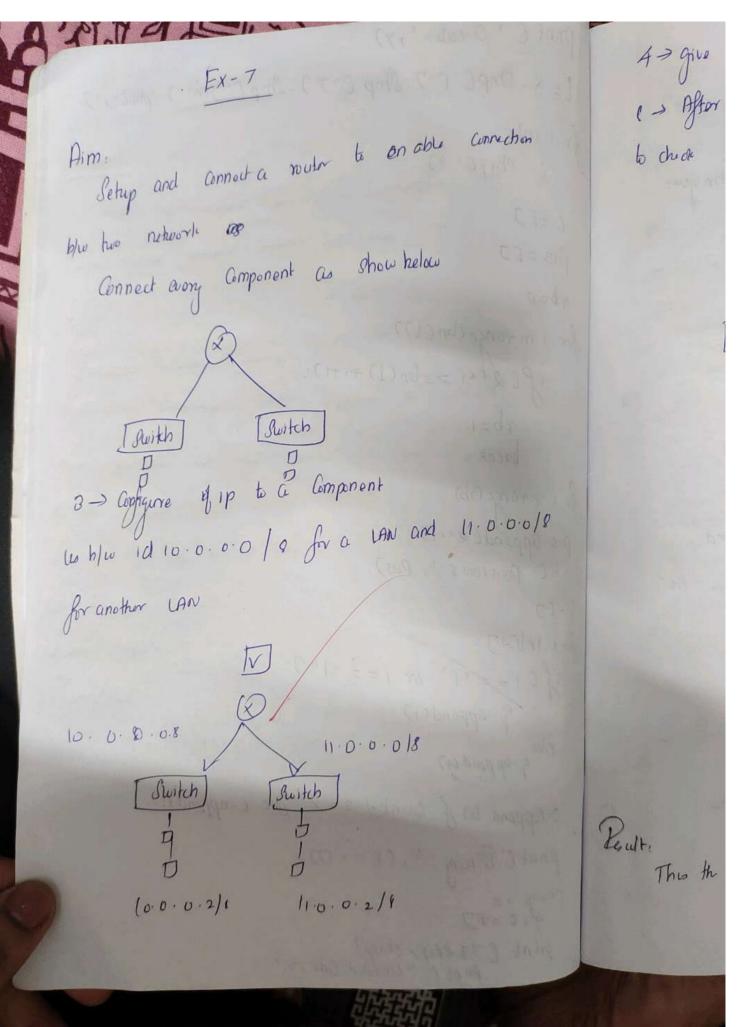
Sample Capture If there's nothing interesting on your 25 the own notwork to in a inspect, Cuiros harle bas you Arrahark Covored. The wiki contains a Page at Sample Capture that you can had the inspect Filting Packett U the It you've brying to inspect brothing Packer Specific Such as the traffic Or Program Sences when bother to close down all other application luing be network so you can namow down the haffic dump style

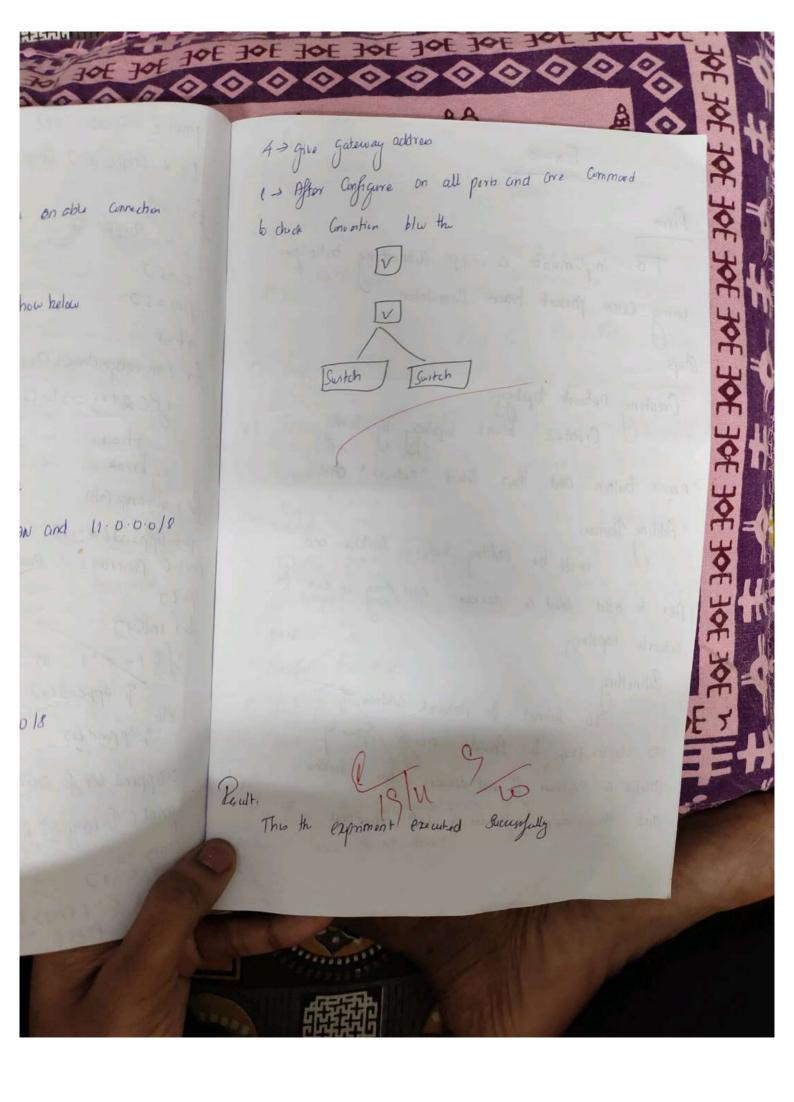


```
Sonder Ry
      Shing = input ("Enter shing: ")
    S= 1. join C formet Cord (i), 'Osb' ) for i in dring)
    rb=0
    for i in range Clinos)
       if ( 2++1 >= len () +i+1);
               meak
     m = len 0) trb
     L= I]
     POS = EJ
    8=5 [:-1]
   for i invange orbo :
    pos append (2++1)
 for i in range em?
   Heital in pos:
     ( insort CivinKSECT))
       Or parity bit Asition: ", pos)
print ( "Initial enabled date with pat pointy position", 1)
```



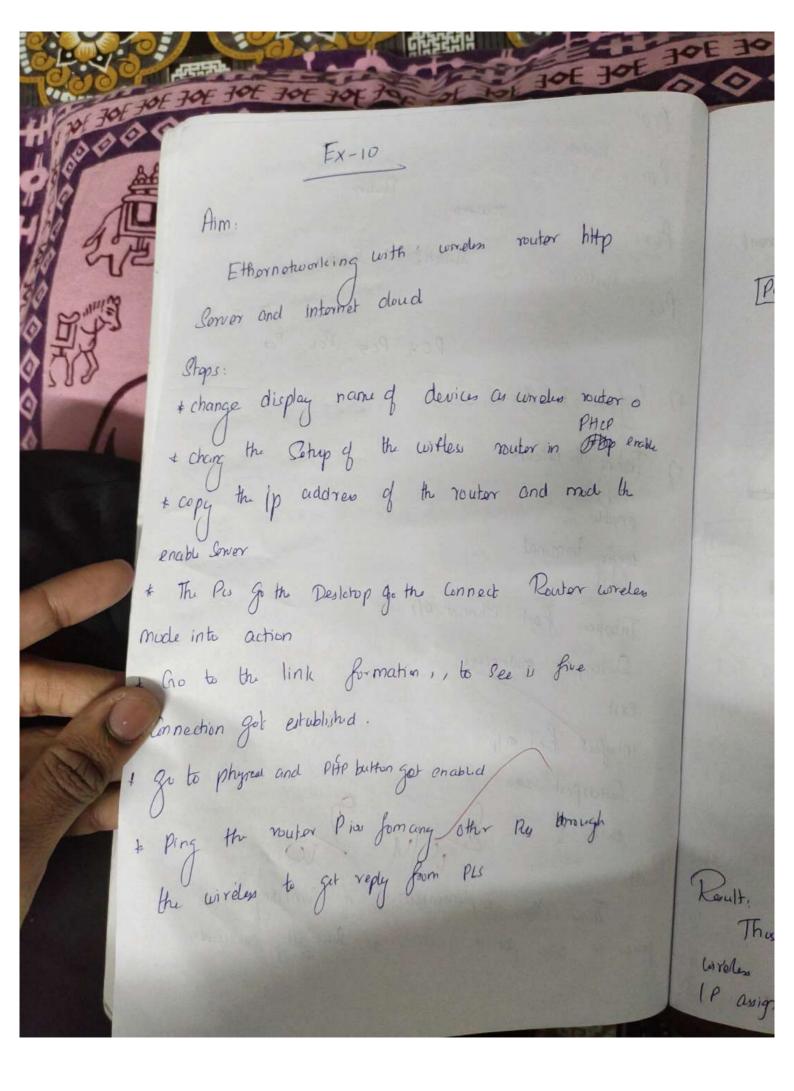
```
print C " O code: ", y)
   L= x. Ship C"I") Ship C"J") . Ship C"JIn" ). splitc", ")
 fr int:
    i. smpc ")
  C=F)
  Dos= EJ
  nb=0
for 1 in range (lin CL));
    if c 2 + i >= lon(1) + i +1):
for i in range (16) :
 pos. appendle 211)
print C' Position s:", Pas)
9=[]
for intig:
 if C 1 = = "1" or 1 = = "1"):
  cappond in if count 1.2 == 0 de cappond is
 print C'Birang!", CI: -D
Charge = 0
  print (" Feron's change)
print (" Corrected Code", 2)
```

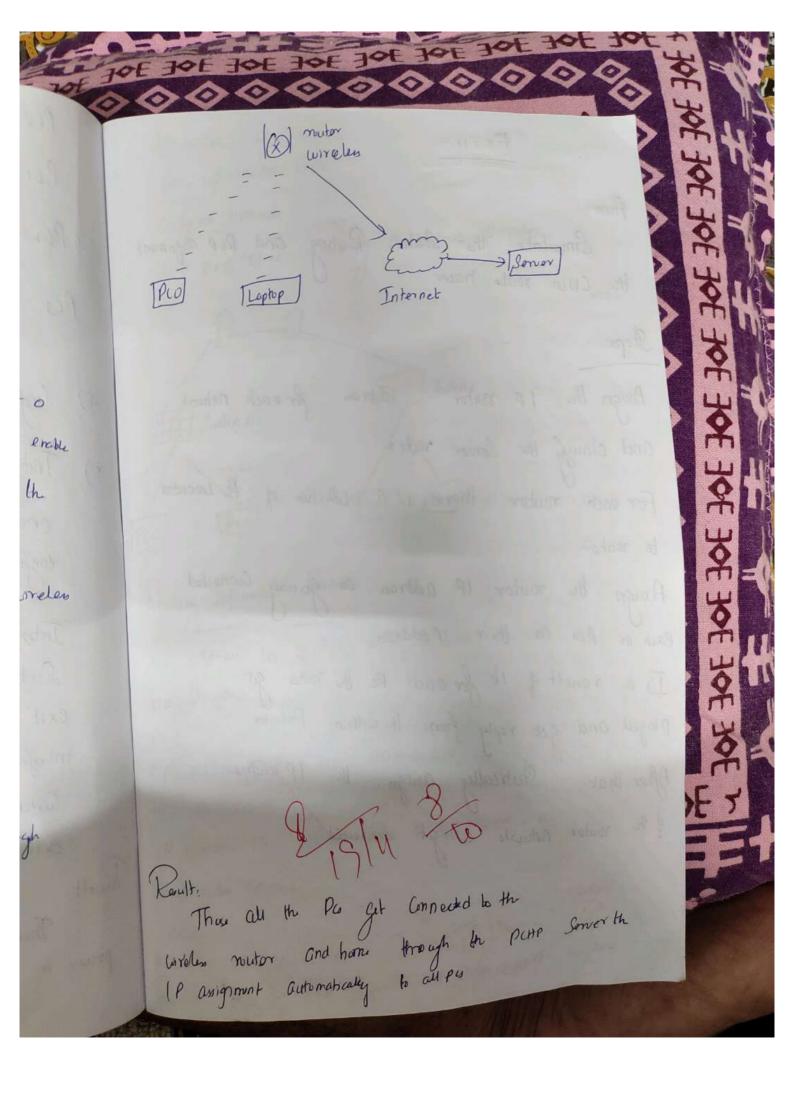


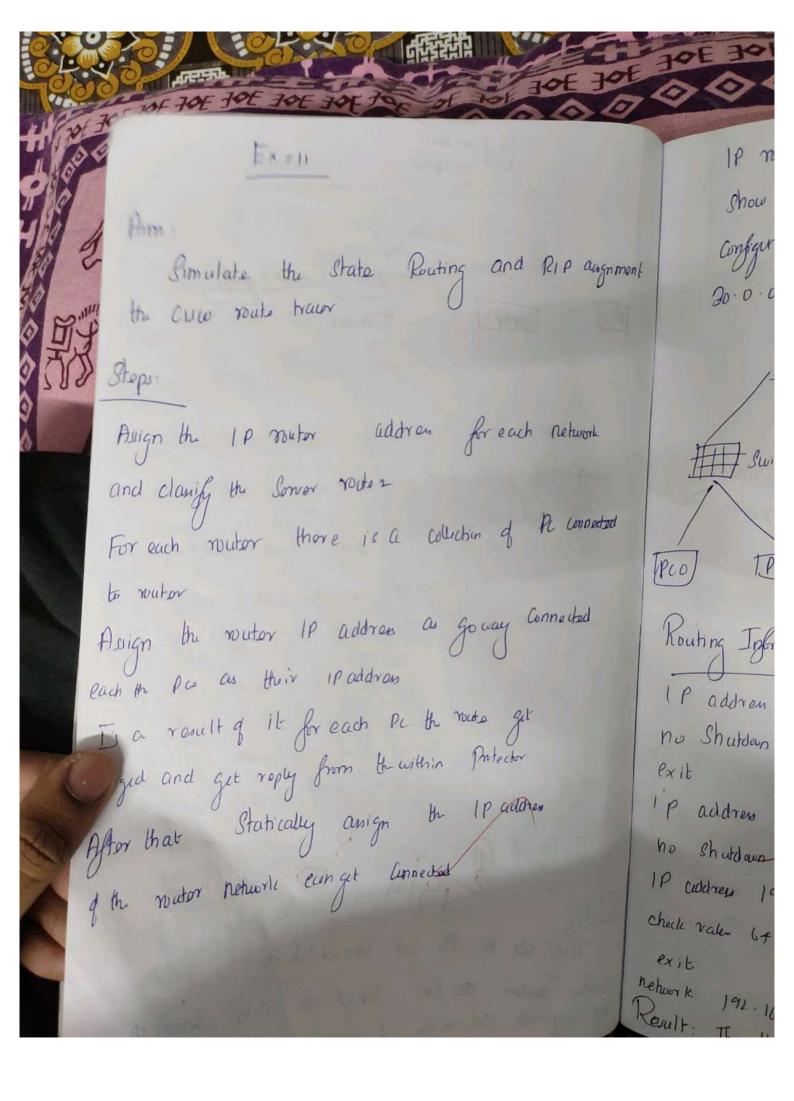


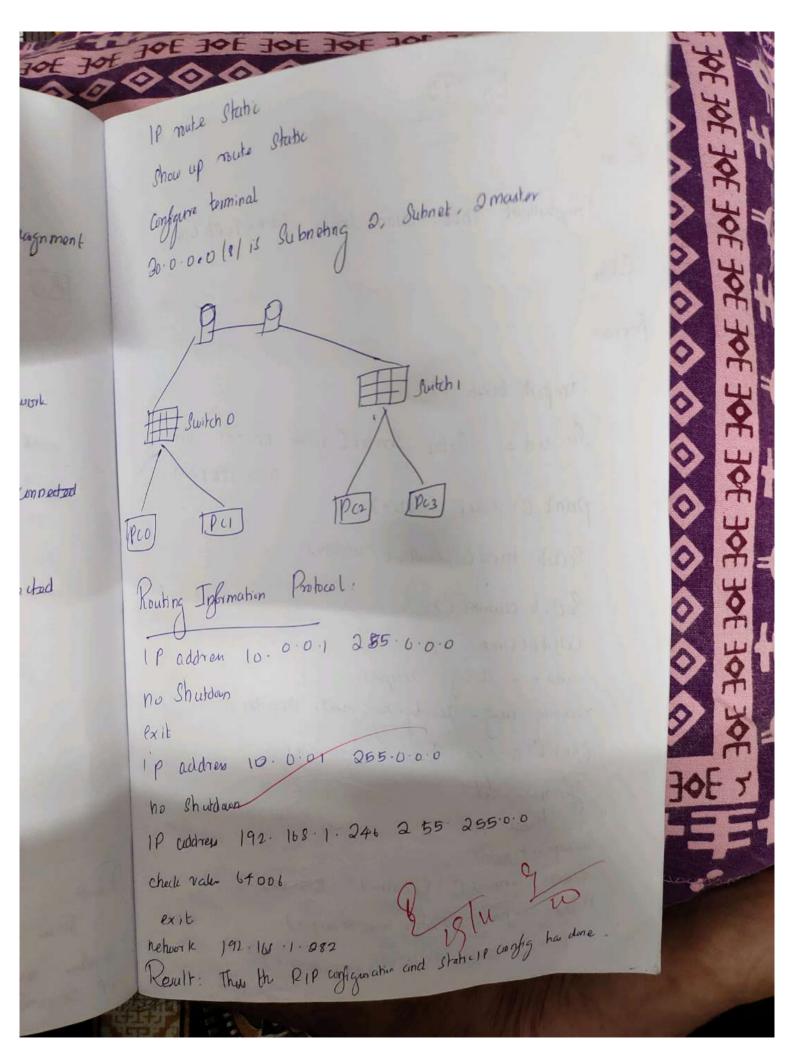
Pco Ex-9 Aim PLZ To implement a IP Rebnetting techniques Using CISCO Packet tracer Semulator P(3 Steps: Creating network topology. O Createa blank lopology by clicking "new button and then select notwork and Adding Dovices. well be adding nouter, Switche and Into pes to add select a devices and drag in aut the Su network topology exit Subnetting: in) ofa To Subnet the network address of Suita 192. 168. 0. 124 to Provide enough Space by exit atteast 5 address for end devices, two Sitches Roult: and the router he can be a 12th Subnet most Thu

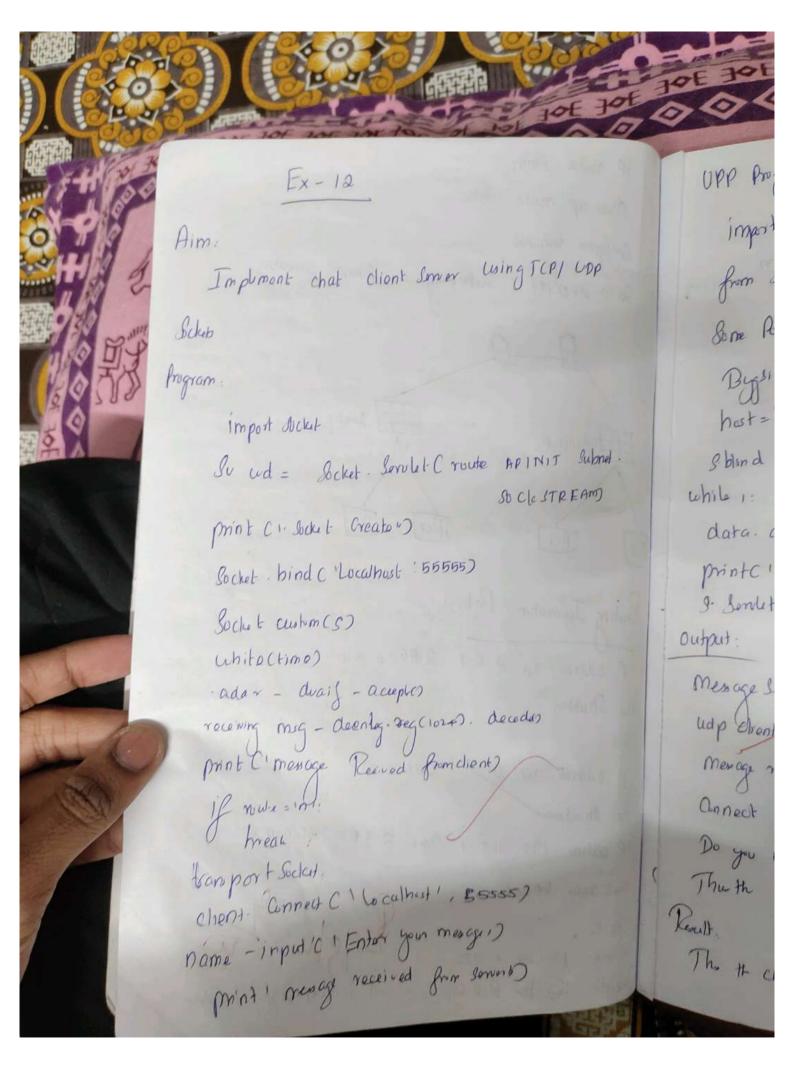
Pro Switch 0 Routers nouters PLZ ech niques Switch 2 Suitche Switch 1 P(3 PC4 PC5 longgure the devices Testing the network onable el eorfig terminal Interfece fast ethornet of and auh Suitchport male access exit in) oface East 10/p Switch port access exit Roult: the implementation of Pubnetting cisco pactest haver is succeptly orecorded

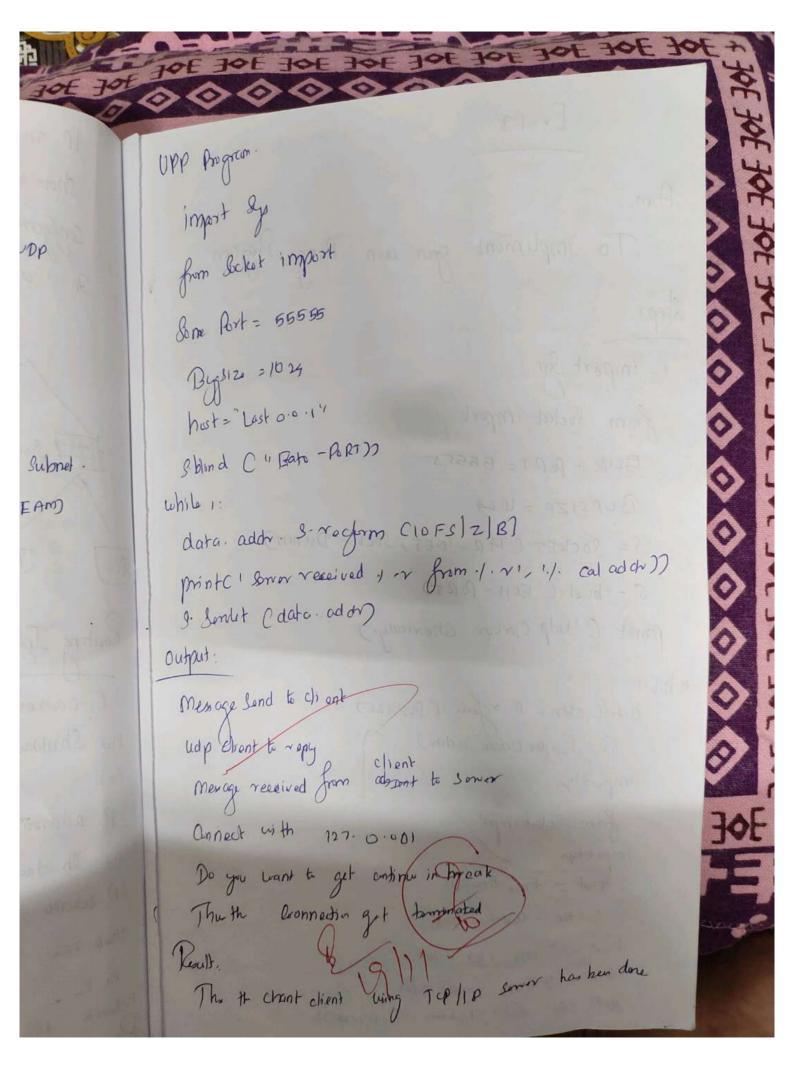


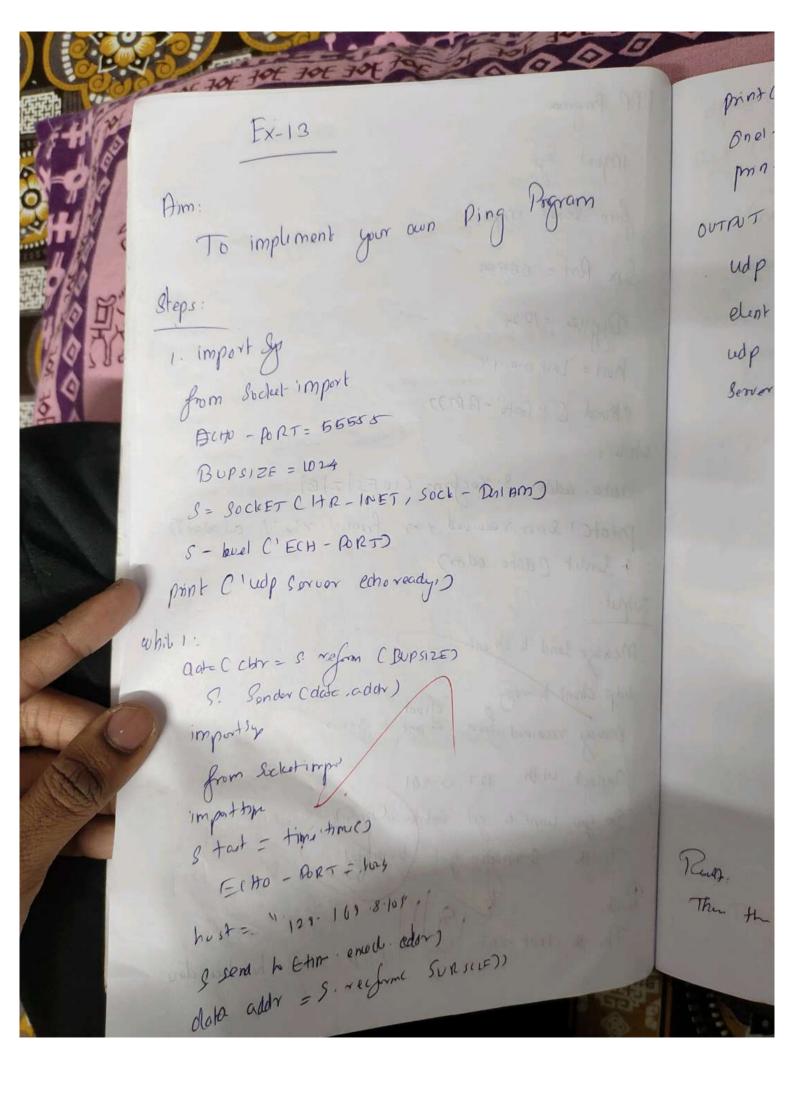




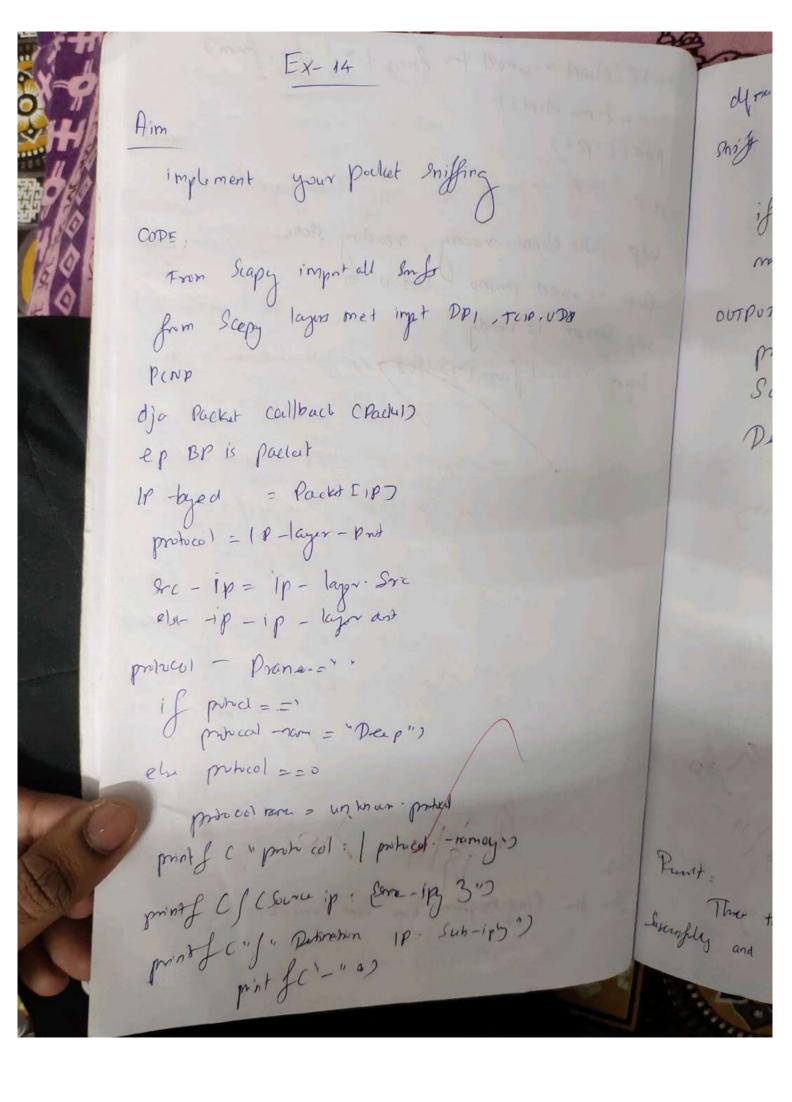


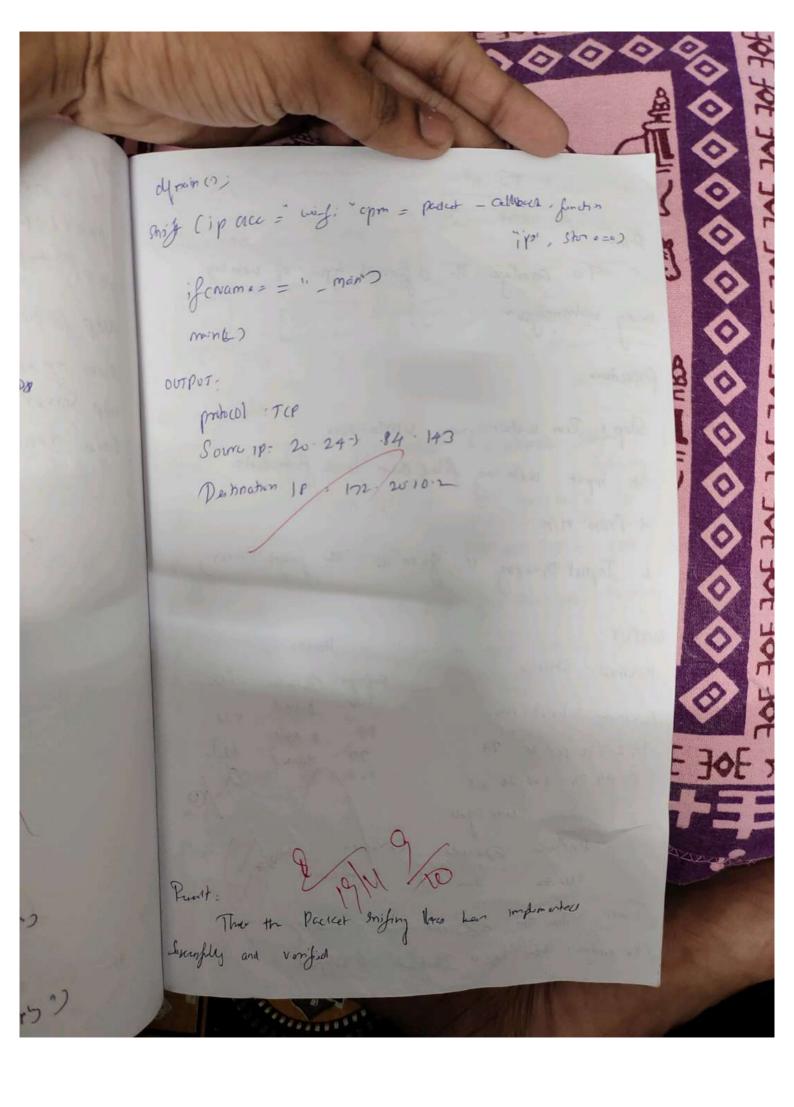




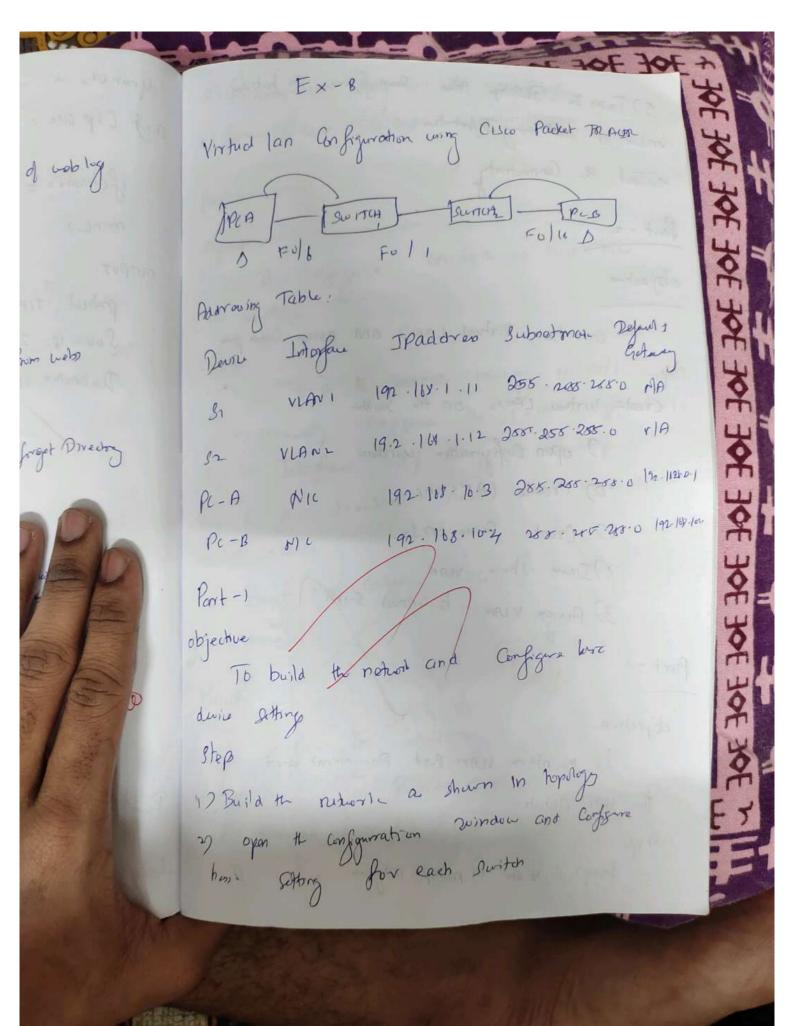


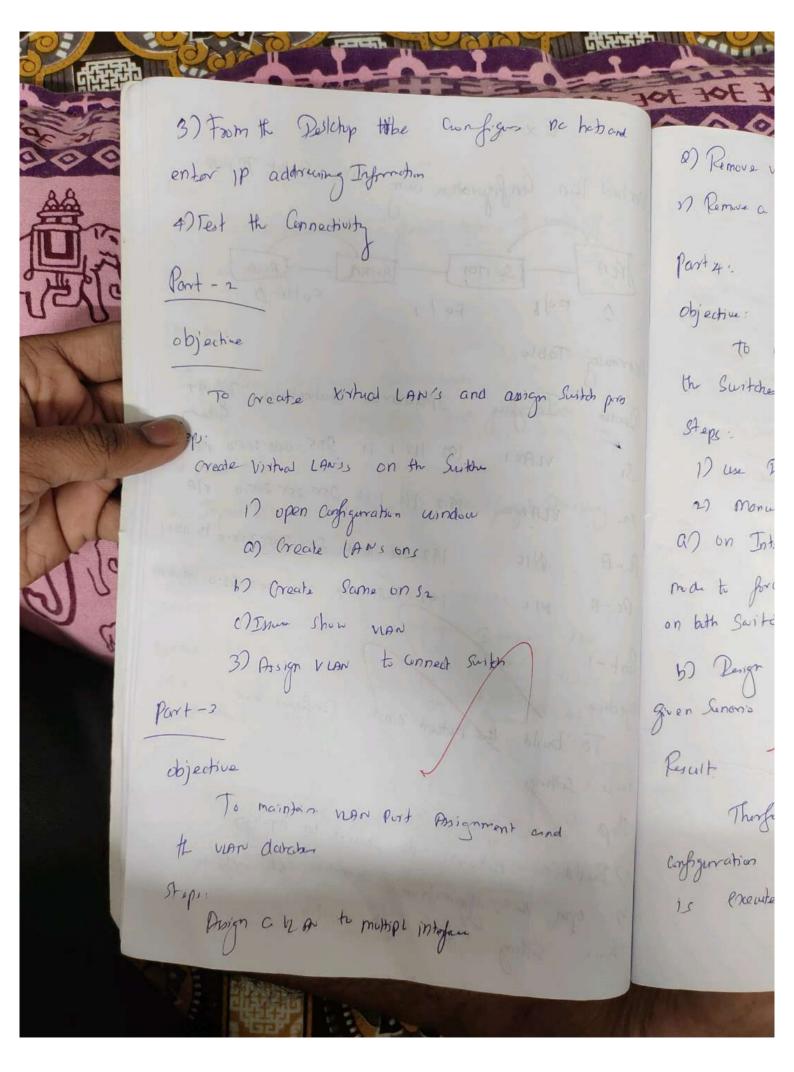
print ('client received 1-2 from 1. × 1- cook, from) Onel = tim Horiz mn+C'R+2 OUTPUT udp eino client roady, reading stalin elent received promo 121.0.0) udp Server is ready Server received from 172. H8.70%.





To analyze the different type of web log Virtual lan a JPCA luing wabanalyzor アロリト procedure: Addressing Table Step 1: Rin udanalyzor winda vono. * irput web log file down load from webs Devou Into Si VLA of free run + Input Directory is given at the forget Directory PC-A N OUTPUT: HOSTS PC-B M normal Statio 98-1 Syrnam Subnot max Part -1 43.1. 192-1-2 19/25 29 objective 41.). 8789.36, 101.24 62 To build device setting Anfragen execute Verugies 110 to 100.00.). 224.00.13 Step 1) Build th Poult: Thu the different type of viblings using 2) open the oralyser has been Identified and verified. hon: 8





pe haban 2) Remove VIAN anignment from on Inlufty of Remove a vigor ID and the VIAN Datcher Part 4 . objective: on 80.2. 10 trunk ble to Configure Switch pro the Switches Steps: 1) use DTP to initéal trunking un Fo/1 2) Manually Configure the MAK Interface FOI, a) on Interface to 1, change the Switch port made to force trunking. make Sure on both Switchs B) Design and angume avian for the below given Sunonis Result Therfore the Simulation of Virtual CAN Configuration CISCO Packet Tracer Simulation is executed Succeptuly