classmate Date _____ 1.07.24 Basic Windows and Linux network commands Displays all Ip devices along with their MAC addresses hast name:-Displays hast name 3P1 - 15 - 31 - 511 iplantig /sittontig:-274. 5. 555 Displayer all network devices dongwith Ips or-particular sta netStat:-Used to modify manage Is devices noustati-Displays net bros. 23-75-02-16 61-50-220-822 Pings rerues for packets (Packet internet Gopps) Rappang:-Marting market TENER 25 ons just DERKTOR - COLEMPOR Route: -Youting Manipalate 9, DS Cookyp= loophyo.

13.07.24

Experiment:-(1)

Basic Windows network unmands

ATM:- Study of various Network commands in Linion/Windows
1. aug -a

B

Interface: 172.16.75.19 --- 0x13

Internet adolers Physical address Type

112.16.72.1

1c-5a-1c-cf-be-41 dynamic

112.16.12.133

4c-ae-a3-65-91-f3 dynamic

172.16.72.195 4c-ae-a3-64-fe-50 dynamic

224.0.0.2 01-00-5e-00-00-02 Static

224.0.0.22 01-00-5e-00-00-16 Static

224.0.0.113 01-00-5e-00-00-91 Static

224.0.0.252 01-00-5e-00-00-fc static

224.0.1.187 01-00-5e-00-01-56 Static

224. 2.2.2 01-00-se-02-02-02 Static

224-8.8.8 01-00-5e-08-08-08 Static

239.0.0.8 01-00-Se-00-08 Static

239 192, 152-143 OI 00 Se. 40-98-87 Static

239.255.1-02.18 01-00-5e-7f-66-12 Static

239.255.250 01-00.5e-15-6f-fa Static

939.255.255.251 01-00-Ge-7f-ff-fb statie

Marzockati - Yellting

2

hastname

0/p

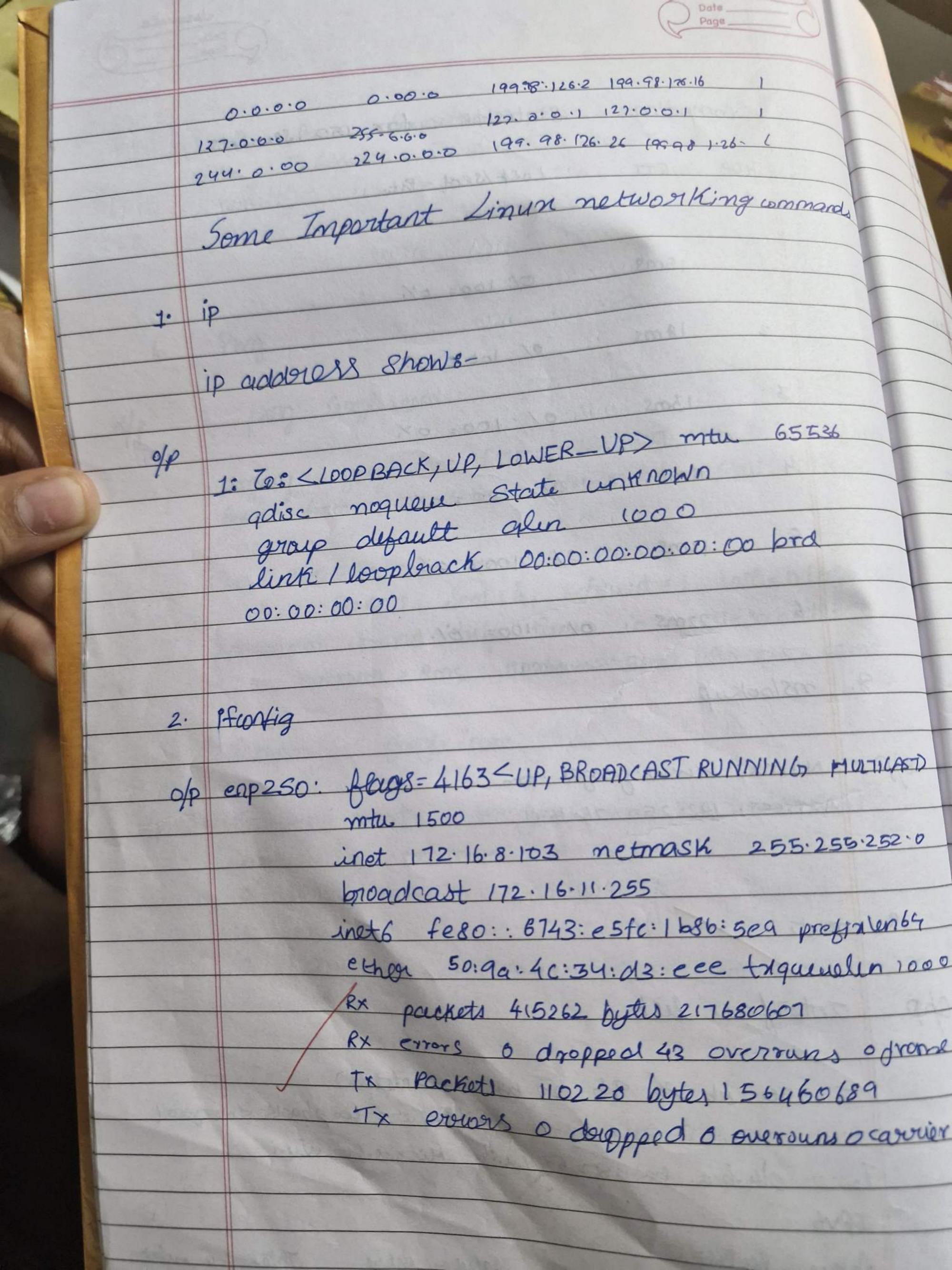
DESKTOP - COIBHTOP

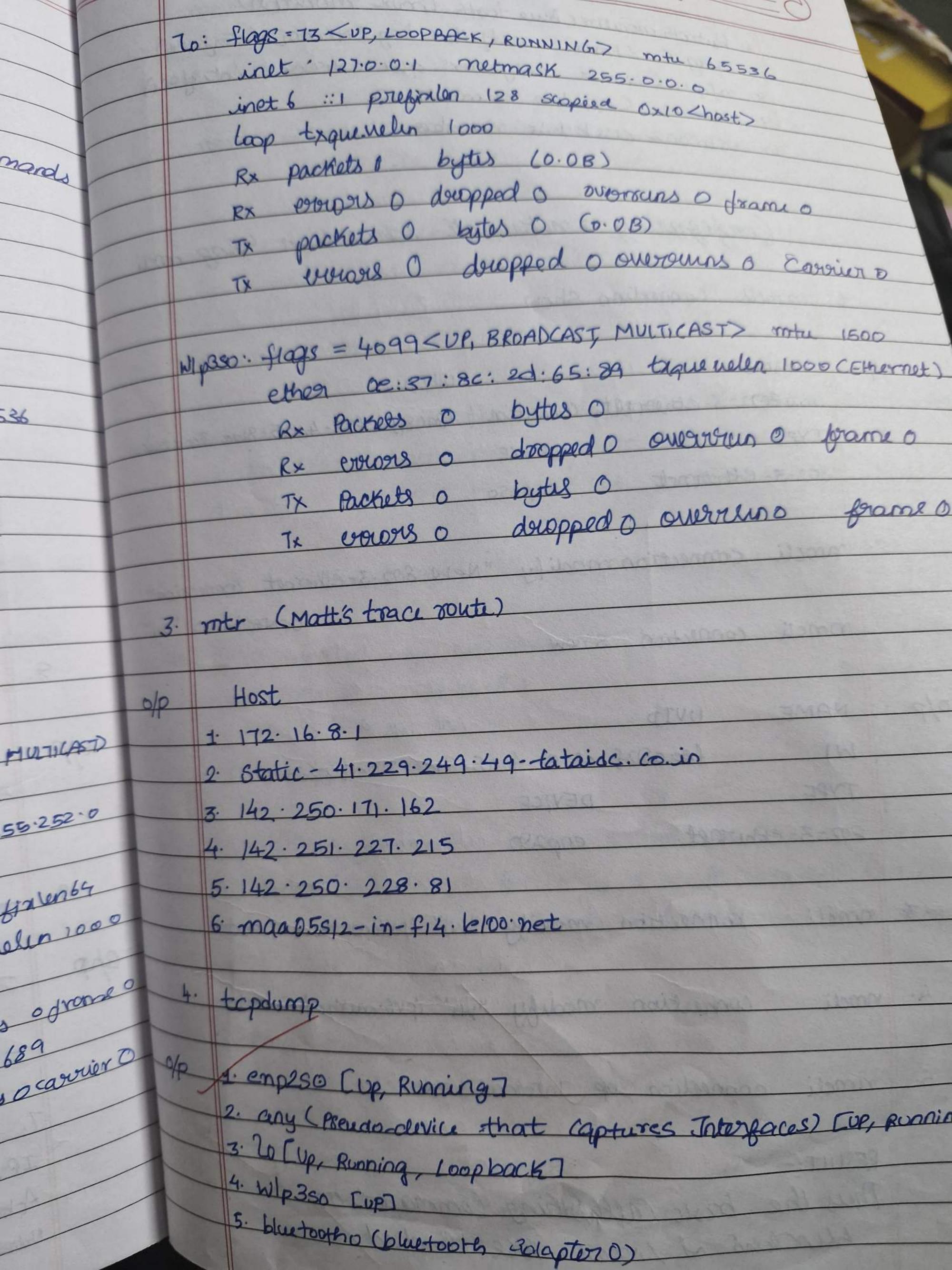
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ipconfig
             sach Formand sessibled shall
        Windows IP configuration
0/10
                No convenes in cooks
     Ethernet adapter Ethernet 5:
            Media State ... : Media disconnected
            Connection-specific DNS syffix:
     Wireless LAN adapter Wi-Fi3:
             Connection-specific DNS suffix:
Link-Local IPV6 Address ···: fe80::40ac::623a:81e8:166
IRy4 Address .... : 172.16.75.19
     Subnet Mask ..... : 255. 255. 248. 0
            Default Grateway ....: 172.16.72.1
Markette Leater & Recipion = 1 , Laster 1 24 98100
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   netstat
      PRoto Local Address Forcegn Address
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                              DESKTOP- (OBH100: 49682
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                              PESKTOP - 1318470049684
               127.0.0.1: 49685
      TCP
                                               ESTABLISHED
                              DESKTOP COIBHTOD: 496890
              127.0.0.1: 49690
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        DESKTOP-COIBHTO (20)
                                      Registered
                          UNIQUE
        DESKTOP-COIBHTOLOOD
                                      Registered
                           UNIQUE
                   200>
        WORK LIROUP
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Area Connection* 13: Local Node IpAddress: [0.0.0.0] Scope Id: [] Migraline TE CONFIGURACES No mames in cache Established Februaries En 1055 10 10 massay Ping ping Gaggle.com pinging google.com [172.217.163.206] With 32 better of dots. Reply from 172.217.163.206: bytes=32 time=56ms TTL=120 Prog Statistics for 172.217.163.206: Packets: Sent: 4, Recieved = 1, Lost = 0 (6% Loss) Approximate round beig times in milli-seconds: Minimum = 8ms, Maximum= 5kms, Average = 25ms Pathping google com Tracing route to google.com [172.216.163.206] OP ouen a maximum ef 30 hops: O DESKTOP CONSTITOD [17216.75-19] 1 172-16-72-1 static-41-229. 249.49-tataldc. coin [49.249.229.4] 142 . 250 . 171 . 162 142.251.277.215 209. 85.248.211 6 maaossob-in-f14. 1e100. net (172.217 HANDUF DESIGNAR COTENTAL 200 1863 (BAT) DECK CAR PARENCE

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	2 18ms 0/ 100 = 01/.
	3 13ms 0/ 100= 0%
tes of data:	BY WHEN SECTION OF AN AND ADDRESS OF THE SECTION OF
TL=120	4 11ms 0/ 100 = 0%
	5 13ms 0/ 100 = 0%
(6% Loss), ds:	6 22ms 0/ 100= 6/.
25 ms	
8.	nslookup
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2067	Address: 142.250.76.164
	institution & description and the second
1.249.229.41	route
100	Interface list
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	7 dy.b.a. ba 8269 ld. Microsoft wills
	Active Royator.
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	7/4	adisc fa-codel state up group defaut 1000
		int 172.16.8.102/22 brd 172.16.11.255 Scope global
li		valid-1ft forever prefigered tet forever
		inet 6 fe80: e7483: e5fo: 11686.
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		172.16.8.9/22 dev enp250 proto herrel scope with
		SXC 172.16.8.163 metrice 100
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tion"	8.	cat letc/resolv.conf
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ole ole	-	name Server 172.16.8.1
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		Tring Google con
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		64 bytes from maaoss 1e-m-sin. le 1100, net (42.25067.4
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auto		STUDENT OBSERVATION:-
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	ncli connection snow		
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Ty	f8ac812f-cf23-4aa5-81ae-310e16223-seo		
	-3-ethernet ennason	1 9	2
	enp280		
2.		0/8	
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	connection modify "Wi" ipy4-method auto		6.
4. nma			-
	connection modify "hi" ipv6. method auto		
5. mm	noti	1	
Tooman I am	reli connection up Internal-LAN		3
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