Study of various metwork commands used in Linux & Wirdows. Rasic notworking commands; 1) ap-a: Stexace: 192.168.100.1\_\_\_ Oxd Physical Address Type Internet Addrew 00-50-56-96-56-76 Syromic 192.168.100.254 7:2-50-10-01-be-45 dyromic 172.16.8.1 01-00-5e-00-02. Static 224.0.0.2 01-00-5c-76-ff-fa Static 239.255-255-256 2) Hostrone: -DESICTOP - H C VOA NO 3) ipaging all: Windows IP configuration Hostrame.... DESKTOP-HCVGA NO Doing Dris Seffix Node Type .... Mixed IP fourting Enobled .... ! NO WINS Rosey Enabled .... : NO Attemet adopted Ethomet: Correction. specific DNS suffix ...: Description... Real PKI a Gibe pervoy ...... 172.16,8.1 Ne\$5102 OVER TEPIP ..... Enabled

1) Inbetat-a: NBTSTAT (C-a Rande Norm](-A. IP addrew] [-c] (-n] Fx] [-R] [-R] [-s] [-5] (-interval) Pernote host modine none Remote nome Traddress Dolled decind representation of It address distored Redix play stated statistics, posses inferred see the each disting. 5) netotati : Actue . Conrections foreign Add State Proto Local Add 172.16.8.78.78.7680 172.16.8,19.55142 172.16.8.85:7670 HDC1617152:871 TCP 172.16.8.15:62716 123: http Time about 172-6-11-65 SVN-172.16.8.85: 62784 TOP ms-ao 6) rshakup; restootup www.google.com. berver; unknown; Addrew : 172-16.8.1 Non-as the rithre ansie's. Nome: www.google.com. Aldren. 2904:6900: 4007; 1k: 2009. 142.250-163,226

usge: pathping [.g host-lif] [-h moximum -hope] i) patheing; [iaddray Fn] [p period] [-q rum-queries] [-wtimroit] 9) ping www. rajalakshmi. org piging www. regulatechni. org [14.99.10.232] with 32 legtes of data. Reply from 10.99.10.232. bytes = 32 fine cins TTL -127 Paply from 4.99.10.232: bytes = 32 sinx = 1ms ping statistice for 14.90. 10,282: Packets: sent = A, Received = A, Jost = 0 (07,1000) med = oms, med = ims, Aug=ons .9) Parte: Route [-6] [-A] [-6] Comment [destinotes] Fansk nefmelk] · [gataway] · (metric) [If Intalia Command one of these prints a soute PRINT Adds a Doute DDD DELETE Défets à raife CHANGE modifies an extory goute.

Firm Cautions: gotoway (172:16:8.1) at 76:70:16; of the: Astardajon enpaso 2) Chatram: 100 host local donoin .. 2.) iPcontig: enpaso: flag =4163 Lup, BRODERT, RUNNING MULTCASTS mtulsoo co: flops=732up, LoopBACK, RUMINGD mta 65.52 w/p350; flogs: 4099 XUP, BROADCAST, MULTCAST) THUSOG 4) nobolep-A Lip addrew nmbokup-A 14.99.10.232 Looking. up status & 4.99.10.232 work Group 2000 - 2 groups BLACTIVES DESKTOP\_BO499 VC 2007 -B LACTIVE MACAddron 250 -9A-AC -34-03-13 5. Inslook up cow. progk.com; -Sevo: 172, 168,1 Addres: 172-16.8.1 #52 Non-authorised arrupt Nome: www.gogle. Com Aldren: 142.250. 183.221

DWhich Command is used at find the sechebility of a chort machine from your device? ping chatrone ox IP addres? 2) Which command will be given the defails of hops taken by a spacket to reach its destructor) Fraceroute < destination 3) Which Commands display the ip configuration of you modine. 4) Which command display the TCP post status is your mochine? 5) write the modify isconfiguration in a line ? errochine.
addr add cintespere\_ nome) 8 lastry Result: Thus the study of voious network Commands used in linex & windows was done succenfully.