Name:ayda Last name:zamanian

HW#: 3

1. ipconfig/ifconfig Command: (Type command + Result)
   1. Your linux IP Add. :(ifconfig -a) 172.16.136.77
   2. Your linux Subnet Mask:(ifconfig -a) 255.255.254.0
   3. Your linux Mac Add(Hardware Add.) :(ifconfig -a) 28:16:ad:a8:2d:e8
   4. Your Win10 IP Add. : ipconfig + 10.0.2.15
   5. Your Win10 Subnet Mask: ipconfig + 255.255.255.0
   6. Your Win10 Default Gateway: ipconfig + 10.0.2.2
   7. Your Win10 DHCP:(ipconfig /all)10.0.2.2
   8. Your Win10 DNS:(ipconfig /all)10.0.2.3
   9. Your Win10 lease obtain Date/Time:(ipconfig /all) Lease Obtained. . . . . . . . . . : Thursday, March 10, 1887 9:07:40 AM
   10. Your Win10 lease expire Date/Time: (ipconfig /all) Monday, April 17, 2023 5:05:57 AM
2. Ping Command. (Type command + Result)
   1. Ping Default gateway ping 172.16.136.1
      1. ttl:64
      2. rtt:time=3.71 ms
   2. ping 4.2.2.4 continuously and 8 echo requests…………ping 4.2.2.4………………
      1. ttl:46
      2. rtt: time=109 ms
   3. ping [www.yahoo.com](http://www.yahoo.com/) with packet length 500 bytes and timeout intervals of 2000 milliseconds : ping www.yahoo.com -s 500 -w 2000
      1. ttl:42
      2. rtt:time=139 ms
3. Arp Command. (Type command + Result)
   1. Mac Add. For your default gateway: arp 172.16.136.1+…6c:3b:6b:7a:47:39…………………
   2. Add aa:bb:cc:dd:ee:ff mac address for 192.168.100.1 …sudo arp -s 192.168.100.1 aa:bb:cc:dd:ee:ff …………………..
   3. Delete mac address for 192.168.100.1 …arp -d 192.168.100.1……………………