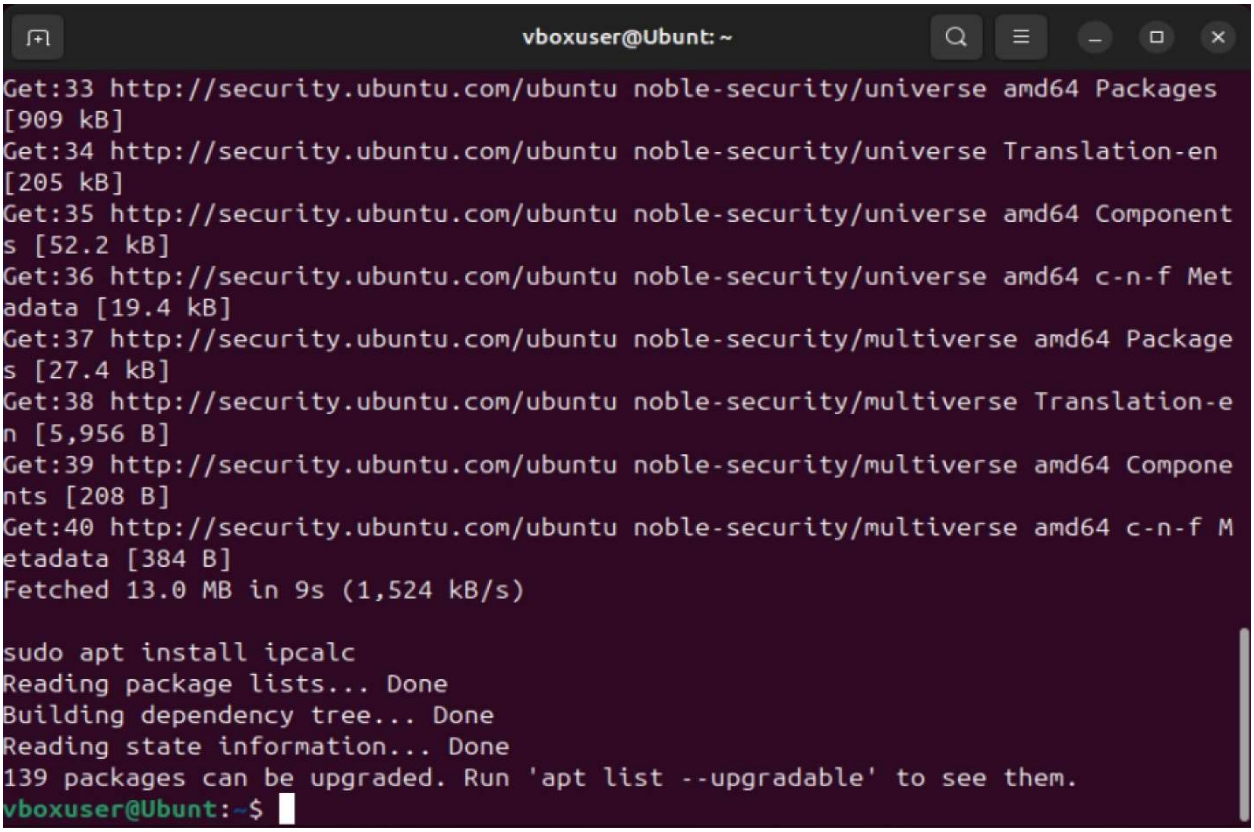
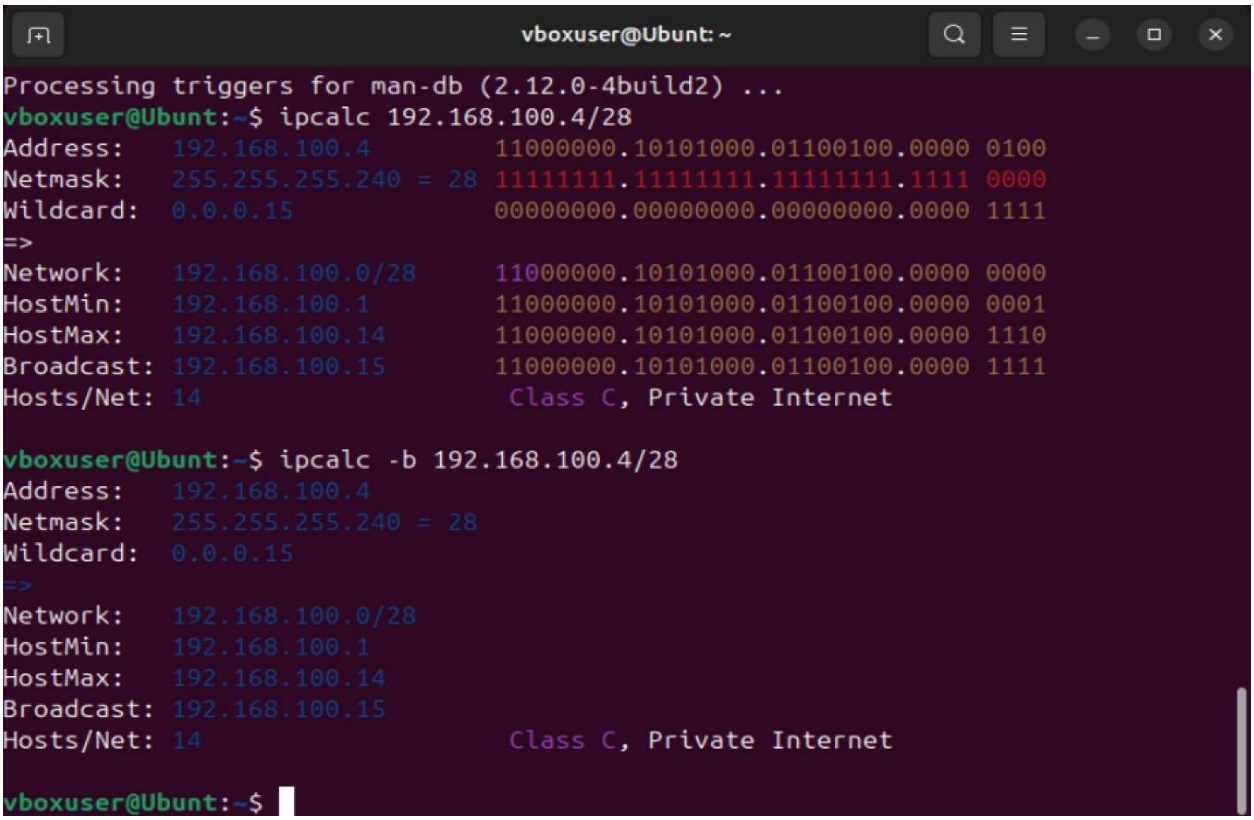
CYSE-270- Linux System For Cybersecurity
Assignment –10
Networking Basics - Subnetting (100 points)
Understanding subnetting takes time and practice. Using the methods covered during the class,
fill in the following tables for Network, broadcast, first IP, Last IP and Max. Hosts in the network.
The column for IP address should be in Decimal format for each, except number of hosts. (Refer
to the examples in the slide for week 10-Networking Basics)




Task-A: (50 Points)
Category IP Address Binary Format
Address 192.168.100.4

Netmask 28
Network address
Broadcast address
First IP
Last IP
Maximum host in the
network




Task-B: (50 points)
Category IP Address Binary Format
Address 170.1.0.0
Netmask 26
Network address
Broadcast address
First IP
Last IP

Maximum host in the network