Below is the process that took place in a terminal All the bold letters are comments

//logged into cs.uml.edu with kshettar@cs.uml.edu

login as: kshettar

Only authorized users may connect to this system. Use is subject to all applicable laws and University policies found at http://www.uml.edu/IT/Policies/aup-faculty-staff.aspx Direct all questions to help@cs.uml.edu.

kshettar@cs.uml.edu's password:

Welcome to Ubuntu 16.04.2 LTS (GNU/Linux 4.4.0-59-generic x86_64)

* Documentation: https://help.ubuntu.com

* Management: https://landscape.canonical.com

* Support: https://ubuntu.com/advantage

System information as of Sun Apr 16 13:53:06 EDT 2017

System load: 1.18 Processes: 197
Usage of /: 66.3% of 17.27GB Users logged in: 1

Memory usage: 22% IP address for eth0: 192.168.8.103

Swap usage: 41%

Graph this data and manage this system at:

https://landscape.canonical.com/

117 packages can be updated.

82 updates are security updates.

*** System restart required ***

Last login: Sun Apr 16 13:34:11 2017 from 192.168.0.12

//ssh command for kshettar@mercury.cs.uml.edu

kshettar@cs3:~\$ ssh kshettar@mercury.cs.uml.edu

//password is same as cs password

kshettar@mercury.cs.uml.edu's password:

Last login: Sun Apr 16 13:50:27 2017 from c-71-234-150-30.hsd1.ma.comcast.net

//logged into cs mercury

//ssh command for student@cs.uml.edu

//password is CyberCr1me

[kshettar@mercury ~]\$ ssh -p 5300 student@cs.uml.edu

student@cs.uml.edu's password:

Permission denied, please try again.

student@cs.uml.edu's password:

The programs included with the Kali GNU/Linux system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright.

Kali GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

Last login: Fri Apr 14 11:25:59 2017 from 129.63.8.53

//logged into student gateway

//ssh command for root@Kali8 (group number - 8)

//default password was "kali" changed to "kiran10101"

student@gateway:~\$ ssh root@Kali8

root@kali8's password:

Permission denied, please try again.

root@kali8's password:

Permission denied, please try again.

root@kali8's password:

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Last login: Wed Apr 12 03:11:28 2017 from 192.168.16.200

//changed password here

root@kali8:~# passwd

Enter new UNIX password:

Retype new UNIX password:

passwd: password updated successfully

//ssh command for msfadmin@metasexploit8 (group number - 8)

//default password was "msfadmin" changed to "kiran10101"

root@kali8:~# ssh msfadmin@metasexploit8

The authenticity of host 'metasexploit8 (192.168.16.218)' can't be established.

RSA key fingerprint is SHA256:BQHm5EoHX9GCiOLuVscegPXLQOsuPs+E9d/rrJB84rk.

Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added 'metasexploit8,192.168.16.218' (RSA) to the list of k nown hosts.

msfadmin@metasexploit8's password:

Linux metasexploit8 2.6.24-16-server #1 SMP Thu Apr 10 13:58:00 UTC 2008 i686

The programs included with the Ubuntu system are free software; the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

To access official Ubuntu documentation, please visit:

http://help.ubuntu.com/

No mail.

Last login: Wed Apr 12 01:44:40 2017 from 192.168.16.200

Password changing for "kali8" & "metasexploit8"

//changed password here

msfadmin@metasexploit8:~\$ passwd Changing password for msfadmin. (current) UNIX password: Enter new UNIX password: Retype new UNIX password: passwd: password updated successfully msfadmin@metasexploit8:~\$