Step-2

```
[root@desktop0 ~]#
[root@desktop0 ~]# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu
1500
        inet 172.25.0.10  netmask 255.255.255.0
broadcast 172.25.0.255
        inet6 fe80::5054:ff:fe00:a  prefixlen 64  scopeid
0x20<link>
        ether 52:54:00:00:00:0a  txqueuelen 1000
(Ethernet)
        RX packets 846  bytes 117782 (115.0 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 399  bytes 37089 (36.2 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0
collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 0  (Local Loopback)
        RX packets 12  bytes 976 (976.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 12  bytes 976 (976.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0
collisions 0

[root@desktop0 ~]#
[root@desktop0 ~]#
[root@desktop0 ~]# ping  172.25.0.11
PING 172.25.0.11 (172.25.0.11) 56(84) bytes of data.
```

SSH Client Side commands

64 bytes from 172.25.0.11: icmp_seq=1 ttl=64 time=0.346 ms
64 bytes from 172.25.0.11: icmp_seq=2 ttl=64 time=0.778 ms
64 bytes from 172.25.0.11: icmp_seq=3 ttl=64 time=0.253 ms
64 bytes from 172.25.0.11: icmp_seq=4 ttl=64 time=0.863 ms
^C
--- 172.25.0.11 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3008ms
rtt min/avg/max/mdev = 0.253/0.560/0.863/0.264 ms
[root@desktop0 ~]#
[root@desktop0 ~]# rpm -qa   openssh-clients
openssh-clients-6.4p1-8.el7.x86_64
[root@desktop0 ~]#
[root@desktop0 ~]# ssh root@172.25.0.11
The authenticity of host '172.25.0.11 (172.25.0.11)' can't be established.
ECDSA key fingerprint is eb:24:0e:07:96:26:b1:04:c2:37:0c:78:2d:bc:b0:08.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '172.25.0.11' (ECDSA) to the list of known hosts.
root@172.25.0.11's password:
Last login: Tue Jul 2 00:49:01 2019
[root@server0 ~]#
[root@server0 ~]# mkdir /data
[root@server0 ~]# systemctl restart crond
[root@server0 ~]# exit

```
                    SSH Client Side commands
logout
Connection to 172.25.0.11 closed.
[root@desktop0 ~]#
[root@desktop0 ~]# ssh  deepak@172.25.0.11
deepak@172.25.0.11's password:
[deepak@server0 ~]$
[deepak@server0 ~]$ exit
logout
Connection to 172.25.0.11 closed.
[root@desktop0 ~]#
[root@desktop0 ~]# ssh  root@172.25.0.11  mkdir  /linux
root@172.25.0.11's password:
[root@desktop0 ~]#
[root@desktop0 ~]# ssh  root@172.25.0.11  ls  /
root@172.25.0.11's password:
bin
boot
data

.....
.....

[root@desktop0 ~]# ssh   -X  root@172.25.0.11
root@172.25.0.11's password:
Last login: Tue Jul  2 01:06:01 2019 from
desktop0.example.com
/usr/bin/xauth:  file /root/.Xauthority does not exist
[root@server0 ~]#
[root@server0 ~]#
[root@server0 ~]# gnome-system-monitor

** (gnome-system-monitor:3011): WARNING **: Couldn't
```

SSH Client Side commands
connect to accessibility bus: Failed to connect to socket
/tmp/dbus-noSEzu1L2M: Connection refused
[root@server0 ~]#
[root@server0 ~]# exit
logout
Connection to 172.25.0.11 closed.
[root@desktop0 ~]#
root@desktop0 ~]# ssh deepak@172.25.0.11
deepak@172.25.0.11's password:
Last login: Tue Jul 2 01:02:11 2019 from
desktop12.example.com
[deepak@server0 ~]$
[deepak@server0 ~]$

Step-5.......

[root@desktop0 ~]# ssh root@172.25.0.11
root@172.25.0.11's password:
Permission denied, please try again.   (Failed)
root@172.25.0.11's password:

[root@desktop0 ~]#

[root@desktop0 ~]# ssh deepak@172.25.0.11
deepak@172.25.0.11's password:
Last login: Tue Jul 2 01:20:43 2019 from
desktop0.example.com
[deepak@server0 ~]$

SSH Client Side commands

[deepak@server0 ~]$ su -
Password:
Last login: Tue Jul 2 01:20:50 IST 2019 on pts/1
Last failed login: Tue Jul 2 01:28:31 IST 2019 from
desktop0.example.com on ssh:notty
There was 1 failed login attempt since the last
successful login.
[root@server0 ~]#
[root@server0 ~]# exit
logout
[deepak@server0 ~]$
[deepak@server0 ~]$ exit
logout
Connection to 172.25.0.11 closed.
[root@desktop0 ~]#
[root@desktop0 ~]#

Now again go on server machine

Step-7

[root@desktop0 ~]# ssh deepak@172.25.0.11
deepak@172.25.0.11's password:
Permission denied, please try again.
deepak@172.25.0.11's password: (Failed)

press Ctrl+C

SSH Client Side commands

```
[root@desktop0 ~]#
[root@desktop0 ~]# ssh kapil@172.25.0.11
kapil@172.25.0.11's password:
[kapil@se[kapil@server0 ~]$ exit
logout
Connection to 172.25.0.11 closed.
[root@desktop0 ~]#
```

Now Again go back on server machine

Step-9

```
[root@desktop0 ~]# ssh kapil@172.25.0.11
ssh_exchange_identification: read: Connection reset by
peer
[root@desktop0 ~]#
```

Login must be failed

Now again go back on server machine