ITMO456-Final-Exam-PartII-Practical

Part A

```
[aplustudent@server ~]$ ssh-keygen -t rsa -b 8192
Generating public/private rsa key pair.
Enter file in which to save the key (/home/aplustudent/.ssh/id rsa): .ssh/id rsa
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in .ssh/id rsa.
Your public key has been saved in .ssh/id rsa.pub.
The key fingerprint is:
76:87:fd:be:9f:1a:72:59:30:b2:ef:9b:b9:49:ea:e2 aplustudent@server
The key's randomart image is:
+--[ RSA 8192]----+
           . 0
          00 0
        S o.o .
        . . ...0
         · *.
· *.= .
        .Eoo 0*+.|
[aplustudent@server ~]$ ssh-copy-id aplustudent@64.131.110.219
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter
out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompt
ed now it is to install the new keys
aplustudent@64.131.110.219's password:
Number of key(s) added: 1
Now try logging into the machine, with: "ssh 'aplustudent@64.131.110.219'"
and check to make sure that only the key(s) you wanted were added.
[aplustudent@server ~]$ ssh aplustudent@64.131.110.219
Last login: Mon May 4 13:18:22 2015 from bronzeville.rice.iit.edu
[aplustudent@itmo456-final-exam ~]$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
[aplustudent@itmo456-final-exam ~]$ sudo mkdir /var/www/html/Zhang-Hong
[sudo] password for aplustudent:
[aplustudent@itmo456-final-exam ~]$ cd /var/www/html/Zhang-Hong
[aplustudent@itmo456-final-exam Zhang-Hong]$ ls
[aplustudent@itmo456-final-exam ~]$ exit
logout
Connection to 64.131.110.219 closed.
[aplustudent@server ~]$ cd /home/aplustudent/Downloads
[aplustudent@server Downloads]$ ls
Alligator.jpg troubleshooting 2x.png week13.html
[aplustudent@server Downloads]$ scp troubleshooting 2x.png aplustudent@64.131.110.219:
troubleshooting 2x.png
                                                               100% 65KB 65.5KB/s 00:00
```

```
[aplustudent@server Downloads]$ ssh aplustudent@64.131.110.219
Last login: Mon May 4 13:37:08 2015 from bronzeville.rice.iit.edu
[aplustudent@itmo456-final-exam ~]$ ls

Desktop Documents Downloads Music Pictures Public Templates troubleshooting_2x.png Videos
[aplustudent@itmo456-final-exam ~]$ sudo cp troubleshooting_2x.png /var/www/html/Zhang-Hong
[sudo] password for aplustudent:
[aplustudent@itmo456-final-exam ~]$ cd /var/www/html/Zhang-Hong
[aplustudent@itmo456-final-exam Zhang-Hong]$ ls

troubleshooting_2x.png
[aplustudent@itmo456-final-exam Zhang-Hong]$ 

[aplustudent@itmo456-final-exam Zhang-Hong]$
```

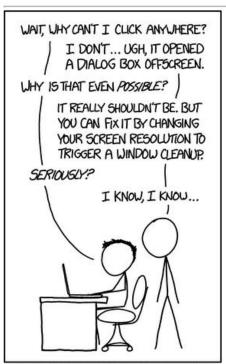
[aplustudent@itmo456-final-exam Zhang-Hong]\$ sudo vi index.html
[sudo] password for aplustudent:
[aplustudent@itmo456-final-exam Zhang-Hong]\$ ls
index.html troubleshooting 2x.png



Hello Wurld

Hong Zhang was here.





TO BE HONEST, I CAN'T WAIT FOR THE DAY WHEN ALL MY STUPID COMPUTER KNOWLEDGE BECOMES OBSOLETE.

It looks better with a "u" thank you very much!

Part B

```
aplustudent@localhost;~
                                                                                           ×
File Edit View Search Terminal Help
# /etc/fstab
# Created by anaconda on Thu Dec 11 21:34:25 2014
# Accessible filesystems, by reference, are maintained under '/dev/disk'
# See man pages fstab(5), findfs(8), mount(8) and/or blkid(8) for more info
/dev/mapper/fedora-root /
                                                 ext4
                                                         defaults
UUID=98c76fc2-7917-482c-8649-55e4291bd010 /boot
                                                                   ext4
                                                                         defaults
/dev/mapper/fedora-swap swap
                                                                         0 0
                                                         defaults
                                                 swap
/dev/sbd/ /mnt/disk1 ext4 defaults 0 0
:wq
```

```
[aplustudent@localhost ~]$ sudo vi /etc/fstab
[aplustudent@localhost ~]$ df -h
Filesystem
                         Size
                              Used Avail Use% Mounted on
/dev/mapper/fedora-root
                          45G
                              4.7G
                                      38G
                                          11% /
                                           0% /dev
                                     995M
devtmpfs
                         995M
                                  0
tmpfs
                        1002M
                              148K 1002M
                                           1% /dev/shm
tmpfs
                        1002M
                              696K 1002M 1% / run
                                          0% /sys/fs/cgroup
tmpfs
                        1002M
                                  0 1002M
tmpfs
                        1002M
                                20K 1002M
                                          1% /tmp
/dev/sdal
                         477M
                               77M
                                    371M
                                          18% /boot
/dev/sdb
                         2.0G 3.0M 1.8G
                                          1% /mnt/disk1
[aplustudent@localhost ~]$
```

Part C

