

UNIX Basics Worksheets.

User Management:

1. Log in as root (with your password)
2. Type in the following commands:


```
pw useradd <USERNAME> -m  
passwd <USERNAME>
```
3. Use ALT+F2 (i.e Hold down the ALT key and press F2) to switch terminals
4. Login with username and password created and type: `su`
5. Doesn't work – why?
6. Switch back to first terminal (i.e use ALT+F1)
7. Type:

```
pw usermod <USERNAME> -G wheel
```
8. Switch back to user terminal (ALT+F2)
9. Try `su`
10. Still doesn't work.. why?
11. To see what the system thinks of us type: `id`
12. Log out and log in again
13. Type `id`
14. Now try `su`
15. After you have done that, you can log out with `exit`

Attaching and Detaching devices:

```
ls /cdrom  
mount -r -t cd9660 /dev/acd0 /cdrom  
ls /cdrom (should have contents of CD drive)  
less /cdrom/README.TXT (case sensitive)  
'q' to quit  
umount /cdrom to unmount (always do this before ejecting any  
removable media)
```

Binary package management:

1. Mount your FreeBSD CD1 in your CDROM drive.
 - a. `pkg_add /cdrom/packages/All/imake-6.9.0.tbz`
 - b. `pkg_info -L imake*` (note the backslash is to escape the *)
2. All files under /usr/local
3. Type `imake`
4. Doesn't work? Why?
5. `rehash` and try again.

Enabling SSH

1. Log in as root
2. `vi /etc/rc.conf`
3. Scroll down to the bottom, type “i” and then add the line
4. `sshd_enable="YES"`
5. Type `:wq` to save and quit
6. `vi /etc/ssh/sshd_config`
7. Look for the line that says “`#PermitRootLogin no`” and change it to “`PermitRootLogin without-password`” (do not include the quotes and remember to remove the #)

*use the “x” key to delete the characters you do not need **including** the initial “#” then use the i key to enter “insert mode” to add the characters you need. When done save the file with [ESC] then “:wq”*