Unix/Linux : Crib sheet

Remember Unix/Linux is case specific.
Wildcards can be used - * for any combination matching and ? for single character matching.

ls	Directory listing of the current directory level
ls directory_name	Directory listing of the named directory (e.g. data_92)
ls –l	Full information directory listing
ls –lg	Full information directory listing including group info
ls –F	Directory listing with directories, symbolic links & executables indicated.
ls –s	Directory listing including size of each file, in Kbytes
ls –C	more	Directory listing, in multi-column format, piped into the *more* command
cd directory_name	Change the current working directory level to the named directory
cd ..	Go up one directory level
cd ~userid	Change the current working directory level to the home directory of your userid
pwd	Check the path of your current working directory.
mkdir directory_name	Make a new directory
mv	Move or rename a file (*mv oldname newname*)
cp	Copy a file (*cp existing_file new_file*)
rm filename	Remove (delete) a specified file
del files	Selectively delete files or directory contents
rmdir directory_name	Remove an empty directory
rm –r directory_name	Remove, recursively, a full directory and its contents
rm –i	Selectively remove files or directory contents
echo	Echo a value (e.g. system environment parameter *echo $TERM* to the screen)
clear	clear the screen
more filename	List a named file, one page at a time
(pg filename	List a named file, one page at a time – used on AIX)
cat filename	List a named file
tail filename	List the last few lines of the named file
vi filename	Edit an existing file or create a new file
chmod filename	Change the read, write and execute permissions on a named file (e.g. *cmod a+x myexec* – add execution permissions to all).
chown filename	Change the owner of a named file
chgrp filename	Change the group of a named file.
env	List all environment variables
alias	List all alias settings currently being used in your logged-on session
alias name command_str	Set an alias called *name* for the specified command string (put quotes around the command string if embedded spaces are required)
unalias name	Remove the specified alias setting.

lpstat	Check the status of jobs queued to all available printers
lpstat –pprinter_name	Check the status of jobs queued to the named printer
lpq	Display entries in printer queues
lpq – Pprinter_name	Display entries in the queue for the named printer
lprm	Remove a job from the printer queue
history	From a c-shell environment, list the previous commands that have been remembered by this command
man	Man pages for help (e.g. *man ls*)
info	Information in the info format
!!	Execute the previous command
!nn	Execute command nn from *history*
!-n	Execute the command that was executed n commands ago.
passwd	used to change the user login password
logout	logout from the workstation
rlogin	Remote login from one workstation to another
telnet	Open a telnet session from one workstation to another
ftp	File Transfer methods between workstations and other machines/sites
.cshrc	File executed first on logging in and each time a new shell is opened
.login	File executed once on logging in, after *.cshrc*
.logout	File executed on logout
kill	terminate background process – need to know the process id
ps –aux	Display all running processes
<ctl-z>	Stops foreground execution but does not terminate the process
fg	Resumes a stopped task or brings a bg task into fg
bg	Resumes a stopped background task
jobs	Lists background or stopped tasks