UNIX Command Cheat Sheet
Physics 91 SI Handout 04
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Command	Description	Examples and Options
Most Important Command!		
`man`	*Man*ual for other commands.	`man cat`
Navigating Directories		
`ls`	List the contents of the directory.	`ls -lart /afs/ir.stanford.edu`
`cd`	Change directory.	`cd WWW/`
`pwd`	Print working directory.	`pwd`
Modifying Directories and Files		
`mkdir`	Make new directory.	`mkdir physics91SI`
`rmdir`	Remove directory.	`rmdir physics91SI`
`mv`	Move files.	`mv -i foo.txt foo2.txt`
`cp`	Copy files.	`cp -i ../foo.txt .`
`rm`	Remove files. **(Cannot undo!)**	`rm -i foo.txt`
Viewing Files in Terminal		
`less`	View files easily.	`less foo.txt`
`cat`	Con*cat*enate files.	`cat foo1.txt foo2.txt`
Important Symbols		
`*`	Wild card, any number of characters.	`ls *.txt`
`?`	Wild card, 0 or 1 characters.	`ls foo?.txt`
`.`	Current directory.	`cd .`
`..`	Directory one level up.	`cd ..`
`&`	Run process in background.	`emacs &`
`|`	Pipe/filter output through another program.	`cat foo.txt	less`
`>`	Redirect standard output to.	`cat foo.txt > foo2.txt`
`<`	Redirect standard input from.	`less < foo.txt`

Common text editors: `emacs`, `vim`, `vi`, `pico`, `nano`

Command	Description	Examples and Options
File Manipulation (Fill out yourself)		
wc		
sort		
head		
tail		
split		
cut		
paste		
uniq		
pr		
Permissions (Fill out yourself)		
chmod		
Job Manipulation (Fill out yourself)		
ps		
kill		
jobs		
fg		
bg		
Ctrl-z		
Ctrl-c		
Searching (Fill out yourself)		
grep		
find		
Miscellaneous (Fill out yourself)		
touch		
who		
whoami		
du		
diff		