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Phys 3000
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Linux Commands

Topic	Command	Examples
List filenames	ls	* ls -l .c, ls -a, ls -F, ls -alF
Move files or directories	mv	mv temp.txt newfile.txt
		mv temp.txt ../new/list.txt
Copy files or directories	cp	cp temp.txt newfile.txt
		cp temp.txt ../new/list.txt
Remove a file or directory	rm	rm temp.txt
		rm -i temp.txt
		rm -rf directory
Look the MANual pages for a command	man	man rm
The '-k' option searches man pages		
for keyword		
		man -k xterm
Make a directory	mkdir	mkdir newdir
Remove a directory	rmdir	rmdir newdir
Change directory cd cd texdir		
Print working directory	pwd	pwd
Send file to a printer	lpr, lp	lp -Pprintername filename
List content of file	cat	cat file1
	more	more file1
	less	less file1
Print string or variable	echo	echo $USER
		echo "hello, world"
To see list of recent commands	history	history
Set protection of a file	chmod	chmod 755 file
Set owner of a file	chown	chown smith file
Make a link (alias) to a path	ln	ln -s ~/classes/phys-317 phys-317
Find out disk quota	quota	quota -v
Find out disk usage	du	du
Create archive file tarfile.tar from		
list of files (can be a directory)	tar -cvf	tar -cvf tarfile.tar list
Create gzipped archive file from		
list of files	tar -czvf	tar -czvf tarfile.tar.tgz list
Extracts files from archive		
file tarfile. tar	tar -xvf	tar -xvf tarfile.tar
Extract files from a gzipped tarfile	tar -xzvf	tar -xzvf tarfile.tar.gz
Zip filename (can be tar file) into		
compressed	gzip	gzip filename
file filename.gz		
Unzip filename from filename.gz	gunzip	gunzip filename.gz
Another file compression	bzip2	bzip2 filename
Decompressing files	bunzip2	bunzip2 filename.bz2
Convert text files to PostScript	enscript	enscript -o file.ps file