

Miscellaneous			
ls	List files in current directory	less file	See the content of file
ls -lah	List files in human readable format	vim file	Edit file with vim
cd /dir	Change to the directory "dir"	whereis data	Prints out the location of "data"
pwd	Your current PATH	tar -cvzf file.tar	Pack and compress "file"
rm file	Delete file	gunzip file.tar	Uncompress "file.tar"
rm -rf dir	Delete directory	tar -xvf file.tar	Unpack "file.tar"
Wildcards			
*	Means zero or any number of characters. Ex. File* could be File, File2, Fileuiwie, ...		
?	Means only one character. Ex. File? could be File1, Filex, Fileh, but not File22		
[]	Means a range of characters. Ex. File[1-3] could be File1, File2, File3		
grep			
grep 'word' file	Search for the pattern 'word' in file		
grep -r 'word' /home	Search for the pattern 'word' recursively in the directory /home		
find			
find /home -name '*.dat'	Find the files in the directory home ending in '.dat'		
find /home -mtime +60	Find every file in /home that was modified more than 60 days ago		
pipes			
	Take the output of one command as the input of another one. Ex. ls grep 'word'		
Secure copy protocol			
scp file login@quarry.uits.indiana.edu:/N/u/login/Quarry/	Copy "file" to the home directory of the user "login"		
Bash shortcuts		vim	
ctrl+r	Make a reverse search	:w file.txt	Save file.txt
ctrl+a	Go to the beginning of the line	:q!	Exit without saving
ctrl+e	Go to the end of the line	:%s/pat1/pat2/g	Replace pattern "pat1" by "pat2"
ctrl+w	Delete the previous word	ctrl+v	Start selection
ctrl+k	Delete words after cursor	dd	Delete line
ctrl+u	Delete current line	x	Delete character
ctrl+l	Clean terminal	r	Replace character
awk			
awk '/gold/ {print \$1}' coins.txt	Search for pattern "gold" in the file coins.txt and print first column		
Torque (Quarry)			
qsub job.pbs	Launch "job.pbs" to the queue		
qstat -u login	Check the jobs from the user "login"		
qdel job.id	Remove the job with id "job.id" from the queue		
qstat -f job.id	Check the details about the job id "job.id"		
sshfs			
sshfs login@quarry...edu /dir1/ /local/dir2	Mount /dir1 (on Quarry) into your /local/dir2		
fusermount -u /local/dir2	Unmount the /local/dir2		