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.tgz file	Pack an compress "file"
rm file	Delete file	gunzip file.tgz	Uncompress "file.tgz"
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 -rine '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. Ex. ls | grep 'word'

Secure copy protocol	
scp file login@kebnekaise.hpc2n.umu.se:/N/u/login/	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

Batch jobs	
sbatch job.pbs	Launch "job.pbs" to the queue
squeue -u login	Check the jobs from the user "login"
scancel job.id	Remove the job with id "job.id" from the queue
squeue -f job.id	Check the details about the job id "job.id"

sshfs	
sshfs login@kebnekaise.hpc2n.umu.se /dir1/ /local/dir2	Mount /dir1 (on Quarry) into your /local/dir2
fusermount -u /local/dir2	Unmount the /local/dir2