

BASIC COMMAND LINE – SEARCHES, FILE CONTENTS AND REDIRECTION CHEAT SHEET			
COMMAND	OPTIONS	DESCRIPTION	EXAMPLES
find		search for files and directories	<code>find .</code>
	<code>-name</code>	specify pattern for search	<code>find . -name '*txt'</code>
	<code>-iname</code>	ignore case in search pattern	<code>find ~ -iname '*FILE*'</code>
	<code>-type d</code>	search for directories	<code>find /usr/bin -name '*sh' -type f</code>
	<code>-type f</code>	search for regular files	<code>find ~ -type d</code>
locate		search for all files in indexed data base	<code>locate '*txt'</code>
			<code>locate '/Some_dir/*.jpg'</code>
			<code>locate '*txt' less</code>
less		view file page by page	<code>less file.txt</code>
head		view ten first lines in file	<code>head file.txt</code>
	<code>-<n></code>	view <n> first lines in file	<code>head -50 file.txt</code>
tail		view last ten lines in file	<code>tail file.txt</code>
	<code>-<n></code>	view <n> last lines in file	<code>tail -50 file.txt</code>
	<code>-f</code>	show last ten lines of file in real time	<code>tail -f active_output.out</code>
cat		concatenate and print file contents	<code>cat tiny_file.txt</code>
	<code>-T</code>	display tabs as <code>^I</code>	<code>cat *out > combined_output.txt</code>
	<code>-n</code>	number lines	<code>cat -T tab_separated_file.txt</code>
grep		print lines matching a pattern	<code>grep 'some_TEXT' file1.txt</code>
	<code>-c</code>	print only count of matches	<code>grep -o '[A-Z]\s[a-z]\+' file1.txt</code>
	<code>-o</code>	print only matching pattern	<code>grep -c '[A-Z]\s[a-z]\+' file1.txt</code>
	<code>-i</code>	ignore case in pattern	<code>grep -i 'MaTcHing' file1.txt</code>
	<code>-f</code>	get pattern from file	<code>grep -f</code>
	<code>-E</code>	interpret pattern as regex	<code>grep -E '^[A-Z]+ [a-z]+' *.txt</code>
	<code>-F</code>	interpret pattern as literal string	<code>grep -F 'my.email@ucdavis.edu' *.txt</code>
	<code>-P</code>	interpret pattern as Perl-style regex	<code>grep -P '\t'</code>
history		print your command history	<code>history grep 'mkdir -p'</code>
wc		count lines, words, bytes in file	<code>wc file1.txt</code>
	<code>-l</code>	count lines in file	<code>ls *txt wc -l</code>
cut	<code>-f</code>	extract field(s) from each tab-separated line	<code>cut -f 1-4 file.txt</code>
	<code>-d</code>	specify delimiter other than tab	<code>cut -f 1,4 file.txt</code>
			<code>history cut -f 4 -d ' '</code>