

bash commands		ls options		file operations (cont)		bash shortcuts	
uname	Show system and kernel info	-l	Long list	head	show top 10 lines of <i>file1</i>	CTRL	Stop current comand
-a		-a	Show all(hidden files too)	<i>file1</i>		- c	
date	Show system date	-R	Recursive order	tail	show bottom 10 lines of <i>file1</i>	CTRL	Sleep program
uptime	System uptime	-r	Reverse order	<i>file1</i>		- z	
whoami	Show current user	-t	Sort by last modified			CTRL	Go to start
mount	Show mounted filesystems	-m	Comma separated output			- a	
man	Show manual for command	-Q	Quoted output			CTRL	Go to end
		-S	Sort by file size			- e	
bash variables		file search methods		IO redirection		CTRL	search history
env	Show environment variables	grep	Search for patten in files	command	read input of command from <i>file</i>	- r	
echo "STR-ING"	Output string	grep -r	Recursive search	< <i>file</i>		!!	repeat last command
echo \$NAME	Output value of NAME variable	grep -i	Case insensitive search	> <i>file</i>	Append output to <i>file</i>	!abc	run last command starting with abc
export NAME = value	set "value to NAME	grep -v	Inverted search	command1 command2	Pipe operator to output of command 1 to command 2	!\$	last argument of previous command
\$PATH	Executable search path	find /dir/-name <i>name</i>	Find files starting with <i>name</i> in <i>dir</i>			!*	all arguments of previous command
\$HOME	Home directory	find /dir/-user <i>name</i>	Find files owned by <i>name</i> in <i>dir</i>	process management			
\$SHELL	Current shell	locate <i>file</i>	Find <i>file</i>	ps	show processes		
directory operations		file operations		top	show real time processes		
pwd	Shows present working directory	touch	create <i>file1</i>	kill <i>pid</i>	Kill process with id <i>pid</i>		
mkdir	Make directory	cat <i>file1</i>	concatenate file and output	pkill	Kill process with name <i>name</i>		
dirname		file <i>file1</i>	get type of <i>file1</i>	killall	kill all processes with name <i>name</i>		
cd	Change directory	cp <i>file1</i>	Copy <i>file1</i> to <i>file2</i>				
dirname		<i>file2</i>		file permissions			
cd ..	Go to parent directory of current dir	mv <i>file1</i>	Move <i>file1</i> to <i>file2</i>	chown	Change <i>file</i> owner to user and group to group		
ls	list files	<i>file2</i>		user:group			
		rm <i>file1</i>	Delete <i>file1</i>	<i>file</i>			
				chmod 777	Change mode of <i>file</i> to 777		
				<i>file</i>			
				The first digit is owner permission,	the second is group and third is user		
				4	read(r)		
				2	write(w)		
				1	execute(x)		