

## Environment Control

Command	Description
cd <i>d</i>	Change to directory <i>d</i>
mkdir <i>d</i>	Create new directory <i>d</i>
rmdir <i>d</i>	Remove directory <i>d</i>
mv <i>f1</i> [ <i>f2...</i> ] <i>d</i>	Move file <i>f</i> to directory <i>d</i>
mv <i>d1</i> <i>d2</i>	Rename directory <i>d1</i> as <i>d2</i>
passwd	Change password
alias <i>name1 name2</i>	Create command alias
unalias <i>name1</i>	Remove command alias <i>name1</i>
rlogin <i>nd</i>	Login to remote node
logout	End terminal session
setenv <i>name v</i>	Set env var to value <i>v</i>
unsetenv <i>name1 name2...</i>	remove environment variable

## Output, Communication, & Help

Command	Description
lpr -P <i>printer f</i>	Output file <i>f</i> to line printer
script [ <i>f</i> ]	Save terminal session to <i>f</i>
exit	Stop saving terminal
session	Send mail to user
mail <i>username</i>	Instant notification of mail
biff [ <i>y/n</i> ]	UNIX manual entry for
man <i>name</i>	
<i>name</i>	Online tutorial
learn	

## Process Control

Command	Description
Ctrl/c *	Interrupt processes
Ctrl/s *	Stop screen scrolling
Ctrl/q *	Resume screen output
sleep <i>n</i>	Sleep for <i>n</i> seconds
jobs	Print list of jobs
kill [%on]	Kill job <i>n</i>
ps	Print process status stats
kill -9 <i>n</i>	Remove process <i>n</i>
Ctrl/z *	Suspend current process
stop %on	Suspend background job <i>n</i>
command&	Run command in background
bg [%on]	Resume background job <i>n</i>
fg [%on]	Resume foreground job <i>n</i>
exit	Exit from shell

## Environment Status

Command	Description
ls [ <i>d</i> ] [ <i>f...</i> ]	List files in directory
ls -l [ <i>f...</i> ]	List files in detail
alias [ <i>name</i> ]	Display command aliases
printenv [ <i>name</i> ]	Print environment values
quota	Display disk quota
date	Print date & time
who	List logged in users
whoami	Display current user
finger [ <i>username</i> ]	Output user information
chfn	Change finger information
pwd	Print working directory
history	Display recent commands
! <i>n</i>	Submit recent command <i>n</i>

## File Manipulation

Command	Description
vi [ <i>f</i> ]	Vi fullscreen editor
emacs [ <i>f</i> ]	Emacs fullscreen editor
ed [ <i>f</i> ]	Text editor
wo <i>f</i>	Line, word, & char count
cat <i>f</i>	List contents of file
more <i>f</i>	List file contents by screen
cat <i>f1 f2</i> > <i>f3</i>	Concatenates <i>f1</i> & <i>f2</i> into <i>f3</i>
chmod <i>mode f</i>	Change protection mode of <i>f</i>
cmp <i>f1 f2</i>	Compare two files
cp <i>f1 f2</i>	Copy file <i>f1</i> into <i>f2</i>
sort <i>f</i>	Alphabetically sort <i>f</i>
split [ <i>n</i> ] <i>f</i>	Split <i>f</i> into <i>n</i> -line pieces
mv <i>f1 f2</i>	Rename file <i>f1</i> as <i>f2</i>
rm <i>f</i>	Delete (remove) file <i>f</i>
grep 'ptn' <i>f</i>	Outputs lines that match <i>ptn</i>
diff <i>f1 f2</i>	Lists file differences
head <i>f</i>	Output beginning of <i>f</i>
tail <i>f</i>	Output end of <i>f</i>

## Compiler

Command	Description
cc [ <i>-o f1</i> ] <i>f2</i>	C compiler
lint <i>f</i>	Check C code for errors
f77 [ <i>-o f1</i> ] <i>f2</i>	Fortran77 compiler
pc [ <i>-o f1</i> ] <i>f2</i>	Pascal compiler