

## Environment Control

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

## Output, Communication, & Help

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

## Process Control

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

## Environment Status

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

## File Manipulation

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

## Compiler

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

Press RETURN at the end of each command, except those marked by an asterisk (\*).