Key Combination

File shortcuts

The default shortcuts for options in this section are:

Action	Keyboard Shortcut
New Tab	Shift + Ctrl + T
New Window	Shift + Ctrl + N
Close Tab	Shift + Ctrl + W
Close Window	Shift + Ctrl + Q

Edit shortcuts

The default shortcuts for options in this section are:

Action	Keyboard Shortcut
Copy	Shift + Ctrl + C
Paste	Shift + Ctrl + V

View shortcuts

The default shortcuts for options in this section are:

Action	Keyboard Shortcut
Zoom In	F11
Zoom In	Ctrl + "+"
Zoom Out	Ctrl + "-"
Normal Size	Ctrl + 0

Search shortcuts

The default shortcuts for options in this section are:

Action	Keyboard Shortcut
Find	Shift + Ctrl + F
Find Next	Shift + Ctrl + G
Find Previous	Shift + Ctrl + H
Clear Highlight	Shift + Ctrl + J

Tab shortcuts

The default shortcuts for options in this section are:

Action	Keyboard Shortcut
Switch to Previous Tab	Shift + Ctrl + F
Switch to Next Tab	Shift + Ctrl + G
Move Tab to the Left	Shift + Ctrl + H
Move Tab to the Right	Shift + Ctrl + J
Switch to Tab [1 - 10]	Alt + [1-0]

Other

There are also some shortcuts that cannot be edited:

Action	Keyboard Shortcut
Scroll up by one line	Shift + Ctrl + Up
Scroll down by one line	Shift + Ctrl + Down
Scroll up by one page	Shift + Page Up
Scroll down by one page	Shift + Page Down
Scroll to the top	Shift + Home
Scroll to the bottom	Shift + End

Bash shortcuts

These are Bash shortcuts. Bash is usually the default shell.
Bash shell specific keyboard shortcuts are:

Action	Keyboard Shortcut
Erase a word	Ctrl + W
Erase a line	Ctrl + U
Move to the start of the line	Ctrl + A
Move to the end of the line	Ctrl + E
Move back one character	Ctrl + B
Move back one word	Alt + W
Move forward one character	Ctrl + F
Move forward one word	Alt + F
Delete from the cursor to the beginning of the line	Ctrl + U
Delete from the cursor to the end of the line	Ctrl + K
Delete from the cursor to the start of the word	Ctrl + W
Delete previous word	Alt + Backspace
Paste text from the clipboard	Ctrl + Y
Clear the screen leaving the current line at the top of the screen	Ctrl + L
Reverse incremental search of history	Ctrl + R
Reverse non-incremental search of history	Alt + P

Terminal Commands

Basic Linux commands

Description	Command
Lists all files and directories in the present working directory	`ls`
Lists files in sub-directories as well	`ls-R`
Lists hidden files as well	`ls-a`
Lists files and directories with detailed information like permissions,size, owner, etc.	`ls-al`
Navigate to HOME directory	`cd or cd ~`
Move one level up	`cd ..`
To change to a particular directory	`cd`
Move to the root directory	`cd /`
Creates a new file	`cat > filename`
Displays the file content	`cat filename`
Joins two files (file1, file2) and stores the output in a new file (file3)	`cat file1 file2 > file3`
Moves the files to the new location	`mv file "new file path"`
Renames the file to a new filename	`mv filename new_file_name`
Allows regular users to run programs with the security privileges of the superuser or root	`sudo`
Deletes a file	`rm filename`
Gives help information on a command	`man`
Gives a list of all past commands typed in the current terminal session	`history`
Clears the terminal	`clear`
Creates a new directory in the present working directory or a at the specified path	`mkdir directoryname`
Deletes a directory	`rmdir`
Renames a directory	`mv`

Description	Command
Lists all files and directories in the present working directory	`ls`
Divides the file into x columns	`pr -x`
Assigns a header to the file	`pr -h`
Denotes the file with Line Numbers	`pr -n`
Prints "c" copies of the File	`lp -nc , lpr c`
Specifies name of the printer	`lp-d lp-P`
Command used to install and update packages	`apt-get`

Command to send email	`mail -s 'subject' -c 'cc-address`
	`-b 'bcc-address'`
	`'to-address'`

Command to send email with attachment	`mail -s "Subject" to-address < Filename`

File Permission commands

Description	Command
to show file type and access permission	`ls-l`
read permission	`r`
write permission	`w`
execute permission	`x`
no permission	`-=`
For changing the ownership of a file/directory	`Chown user`
change the user as well as group for a file or directory	`Chown user:group filename`

Environment Variables command

Description	Command
To display value of a variable	`echo $VARIABLE`

Description	Command
Displays all environment variables	`env`
Create a new variable	`VARIABLE_NAME= variable_value`
Remove a variable	`Unset`
To set value of an environment variable	`export Variable=value`

User management commands of linux

Description	Command
To add a new user	`sudo adduser username`
To change the password of a user	`sudo passwd -l 'username'`
To remove a newly created user	`sudo userdel -r 'username'`
To add a user to a group	`sudo usermod -a -G GROUPNAME USERNAME`
To remove a user from a group	`sudo deluser USER GROUPNAME`
Shows information of all the users logged in	`finger`
Gives information of a particular user	`finger username`

Networking command

Description	Command
login into a remote Linux machine using SSH	`SSH username@ip-address or hostname`
To ping and Analyzing network and host connections	`Ping hostname="" or =""`
Display files in the current directory of a remote computer	`dir`
change directory to "dirname" on a remote computer	`cd "dirname"`
upload 'file' from local to remote computer	`put file`
Download 'file' from remote to local computer	`get file`
Logout	`quit`

Process command

Description	Command
To send a process to the background	bg
To run a stopped process in the foreground	fg
Details on all Active Processes	top
Give the status of processes running for a user	ps
Gives the status of a particular process	ps PID
Gives the Process ID (PID) of a process	pidof
Kills a process	kill PID
Starts a process with a given priority	nice
Changes priority of an already running process	renice
Gives free hard disk space on your system	df
Gives free RAM on your system	free

VI Editing Commands

Description	Command
Insert at cursor (goes into insert mode)	i
Write after cursor (goes into insert mode)	a
Write at the end of line (goes into insert mode)	A
Terminate insert mode	ESC
Undo last change	u
Undo all changes to the entire line	U
Open a new line (goes into insert mode)	o
Delete line	dd
Delete 3 lines	3dd
Delete contents of line after the cursor	D
Delete contents of a line after the cursor and insert new	C

Description	Command
text. Press ESC key to end insertion.	
Delete word	`dw`
Delete 4 words	`4dw`
Change word	`cw`
Delete character at the cursor	`x`
Replace character	`r`
Overwrite characters from cursor onward	`R`
Substitute one character under cursor continue to insert	`s`
Substitute entire line and begin to insert at the beginning of the line	`S`
Change case of individual character	`~`