cal = shows calendar
cal 2017 = shows 2009 calendar
cal -j = prints current month's calendar where days are numbered
cal -m = pritns current month's calendar where Monday is the 1st day
cal -y = prints current year's calendar
cal 12 201 = prints December month of 2005

cat /var/log/yum.log
cat /var/log/yum.log | grep mysql = mysql install and update dates
cat /proc/meminfo = prints memory info
cat /proc/cpuinfo = prints cpu info
cat /proc/devices = list of devices
cat /proc/statistics = disk statictics
cat /proc/filesystems = file system info
cat /proc/interrupts = IRQ channel assignments
cat /proc/iomem = physical memory addresses
cat /proc/ioport = virtual memory addresses
cat /proc/keys = list of keys kept by kernel
cat /proc/misc = list of devices
cat /proc/mounts = list of mounts
cat /proc/partitions = list of partitions
cat /proc/stat = kernel statictics
cat /proc/uptime = uptime in seconds
cat /proc/version = kernel version
cat filename | sort = sorting output in alphabetical order
cat /etc/fedora-release = Fedora release/version no
cat /etc/issue = Linux distro name
cd / = takes into root directory

clear = clears the screen/prompt

chmod o=rwx, g=rw, u=r /usr/local/bin = change file permissions
chmod ogu=rwx /usr/local/bin = change file permissions

convert imagename.jpg imagename.png = converts jpg image into png
convert imagename.gif imagename.bmp = converts gif image into bmp
convert imagename.tiff imagename.pcx = converts tiff image into pcx
convert -resize 340x140 image1.jpg image2.jpg = resizes jpg image
convert -sample 50%x50% image1.jpg image2.jpg = resizes jpg image
convert -rotate 90 image1.jpg image2.jpg = rotates jpg image 50 degrees
convert -fill blue -pointsize 80 -font helvetica -draw 'text 10,50 “my image”' img1.jpg img2.jpg = inserts text into jpg image
convert -thumbnail 120x120 a.jpg b.png = converts jpg image into png image
convert -thumbnail 120x120 -polaroid 8 a.jpg b.png = converts into polaroid picture
convert -thumbnail 120x120 -polaroid 8 -rotate 8 a.jpg a-c.png = converts and rotates
convert -sepia-tone 75% imga.jpg imgb.png = changes tone of image
convert -charcoal 5 house.jpg char-house.png = changes tone of image
convert -colorize 175 house.jpg color-house.png = changes color of image

Ctrl+Alt+delete = restarts Linux
Ctrl+Alt+backspace = restarts login screen

date = prints today's date
date ‘+%A %B %d %G’ = display day, month, day of month, year
date ‘+The date today is %F.’ = displays date in yyyy-mm-dd format
date --date=’2 weeks’ = displays date two weeks from today
date –date='20 days' = displays date 20 days from today
date –date='2 months' = displays date 2 months from today
date –date='2 years' = displays date 2 years from today
date –date=’2 years 2 months 2 days’ = displays date 2 years 2 months 2 days from today
date --date=’14 Jul’ +%A = display day on which July 14 falls

dmesg = a summary of hardware profile
dvdrecord -scanbus = lists dvd devices

df -h = free hard drive space
df = free hard drive space
du -sh = disk usage
du -h = hard drive usage

find /usr/bin -amin -30 = finds files accessed in last 30 minutes in /usr/bin
find /usr/bin -atime +50 = finds files not accessed for than 50 days
free = memory usage in kb
free -b = memory usage in mb
free -m = memory usage in blocks
free -mt = memory usage in totals
free -g = memory usage in gigabytes
free -s 5 = update memory usage every 5 seconds

grep india /usr/share/dict/words = looks for the word 'india' in dictionary
grep “word” filename.txt = prints lines with the “word ” in them
grep –color “word” filename.txt = prints lines with the word in color

locate xyz = locates file xyz case-sensitive
locate -i xyz = locates file xyz not case-sensitive
locate -r /ls$ = locates files ending in /ls
locate -r james\*bond = locate files with james and bond in their names
locate -r ^ boot/grub/me = locate files beginning with boot/grub/me
locate \*.jpg > Desktop/myjpgs.txt = stores results of search in a file named myjpgs.txt

ls /var/www/html/\*.html = lists all html files
ls -l = lists files and folders in the current directory
ls -la = lists hidden files and folders in the current directory with a dot

rm ~/.bash\_history = clears history of commands
rm -f \*.doc = removes/deletes all files of .doc extension in a folder

shutdown = shutdowns the pc
shutdown -r = reboot
shutdown -0 (Zero) = reboot
shutdown – h = halt

sort filename | uniq = sorting only unique lines in output
sortsorttempfile = sorted in a separate file

/sbin/ifconfig = network info
/sbin/lspci | grep -i vga = graphics card info

strings /bin/ls | grep -i libc = finds all occurrences of libc in ls
strings /bin/ls = lists all ASCII text in ls
su -c 'gedit /etc/yum.conf' = opens yum.conf file in gedit

tail -3 ok = last 3 lines from a file named ok
tail -6 .bash\_history = last 6 commands
tail -5 filename.txt = prints last 5 lines of the file to the screen
tail -n 5 filename.txt = prints last 5 lines of the file
tail -f /var/log/messages = updates size of text file as it gets bigger
tail -f /var/log/messages = displays system messages live
tail -f /var/log/maillog = displays mail server messages live
tail -f /var/log/httpd/access\_log = displays web server messages live

time = prints current time

touch name.txt = creates a file named name.txt
touch /var/log/btmp = enables recording of bad attempts

who = who is logged in

---------
Using Command Line Completion

### [LS command](http://fedoralinuxcommands.blogspot.com/2009/04/ls-command_04.html)

ls /var/www/html/\*.html = lists all html files
ls .??\* = lists all directory names that start with a dot .
ls /etc/rc.d = prints all directories for all available run levels
ls /etc/rc.d/init.d = list of system services' scripts
ls -l = lists files and folders in the current directory
ls -la = lists files and folders in the current directory with a dot
ls li = files with their inodes
ls -lt = files recently modified
ls -lu = lists files by their accss time
ls -ln = user names and groups numerically displayed
ls -lh = human readable file sizes
ls -lR = displays all the files and their folders
ls -F = lists files by type
ls -c = lists files columnwise
ls –color =always = shows filenames in colors

ls -l /var/lib/rpm = rpm database
ls = lists contents of a directory
ls . = lists contents of a directory
ls .. = lists contents of a directory
ls / = lists all system directories
ls = lists directories in current directory
ls /var = lists all subdirectories under the /var directory
ls /proc | wc -l = number of subdirectories in /proc directory
ls -ltr =
ls -l filename.ext = checks permissions for a file
ls -l /etc = permission status of all subdirectories
ls -a = shows hidden . Dot directories. A kind of special configuration files not be messed with

### [LOCATE command](http://fedoralinuxcommands.blogspot.com/2009/04/locate-command.html)

locate xyz = locates file xyz case-sensitive
locate -i xyz = locates file xyz not case-sensitive
locate -r /ls$ = locates files ending in /ls
locate -r james\*bond = locate files with james and bond in their names
locate -r ^ boot/grub/me = locate files beginning with boot/grub/me
locate \*.jpg > Desktop/myjpgs.txt = stores results of search in a file named myjpgs.txt