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   
  
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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