Name: Anushareddy Ramachandra Reddy

1.pf


```
File  Actions  Edit  View  Help
┌──(kali㊉kali)-[~]
└─$ alias cls=clear

┌──(kali㊉kali)-[~]
└─$ alias pf="ps -e|grep $1"

┌──(kali㊉kali)-[~]
└─$ pf shutter

┌──(kali㊉kali)-[~]
└─$ █
```

2.cat


```
┌──(kali㊉kali)-[~]
└─$ cat .bash_logout
# ~/.bash_logout: executed by bash(1) when login shell exits.

# when leaving the console clear the screen to increase privacy

if [ "$SHLVL" = 1 ]; then
    [ -x /usr/bin/clear_console ] && /usr/bin/clear_console -q
fi

┌──(kali㊉kali)-[~]
└─$ cat .bashrc | less█
```

```
# ~/.bashrc: executed by bash(1) for non-login shells.
# see /usr/share/doc/bash/examples/startup-files (in the package bash-doc)
# for examples

# If not running interactively, don't do anything
case $- in
    *i*) ;;
      *) return;;
esac

# don't put duplicate lines or lines starting with space in the history.
# See bash(1) for more options
HISTCONTROL=ignoreboth

# append to the history file, don't overwrite it
shopt -s histappend

# for setting history length see HISTSIZE and HISTFILESIZE in bash(1)
HISTSIZE=1000
HISTFILESIZE=2000

# check the window size after each command and, if necessary,
# update the values of LINES and COLUMNS.
shopt -s checkwinsize

# If set, the pattern "**" used in a pathname expansion context will
# match all files and zero or more directories and subdirectories.
#shopt -s globstar

# make less more friendly for non-text input files, see lesspipe(1)
#[ -x /usr/bin/lesspipe ] && eval "$(SHELL=/bin/sh lesspipe)"

# set variable identifying the chroot you work in (used in the prompt below)
if [ -z "${debian_chroot:-}" ] && [ -r /etc/debian_chroot ]; then
    debian_chroot=$(cat /etc/debian_chroot)
fi
:
```

```
# set a fancy prompt (non-color, unless we know we "want" color)
case "$TERM" in
    xterm-color|*-256color) color_prompt=yes;;
esac

# uncomment for a colored prompt, if the terminal has the capability; turned
# off by default to not distract the user: the focus in a terminal window
# should be on the output of commands, not on the prompt
force_color_prompt=yes

if [ -n "$force_color_prompt" ]; then
    if [ -x /usr/bin/tput ] && tput setaf 1 >&/dev/null; then
        # We have color support; assume it's compliant with Ecma-48
        # (ISO/IEC-6429). (Lack of such support is extremely rare, and such
        # a case would tend to support setf rather than setaf.)
        color_prompt=yes
    else
        color_prompt=
    fi
fi

# The following block is surrounded by two delimiters.
# These delimiters must not be modified. Thanks.
# START KALI CONFIG VARIABLES
PROMPT_ALTERNATIVE=twoline
NEWLINE_BEFORE_PROMPT=yes
# STOP KALI CONFIG VARIABLES

if [ "$color_prompt" = yes ]; then
    # override default virtualenv indicator in prompt
    VIRTUAL_ENV_DISABLE_PROMPT=1

    prompt_color='\[\033[;32m\]'
    info_color='\[\033[1;34m\]'
    prompt_symbol=㉿
:
```

File Actions Edit View Help

```
        VIRTUAL_ENV_DISABLE_PROMPT=1

        prompt_color='\[\033[;32m\]'
        info_color='\[\033[1;34m\]'
        prompt_symbol=㉿
        if [ "$EUID" -eq 0 ]; then # Change prompt colors for root user
            prompt_color='\[\033[;94m\]'
            info_color='\[\033[1;31m\]'
            # Skull emoji for root terminal
            #prompt_symbol=💀
        fi
        case "$PROMPT_ALTERNATIVE" in
            twoline)
                PS1=$prompt_color'┌──${debian_chroot:+($debian_chroot)─}${VIRTUAL_ENV:+(\[\033[0;1m\]$(basename $VIRTUAL_ENV)'$prompt_color')}('$info_color'\u'$prompt_symbol'\h'$prompt_color')-[\[\033
3[0;1m\]\w'$prompt_color']\n'$prompt_color'└─'$info_color'\$\[\033[0m\] ';;
            oneline)
                PS1='${VIRTUAL_ENV:+($(basename $VIRTUAL_ENV)) }${debian_chroot:+($debian_chroot)}'$info_color'\u@\h\[\033[00m\]:'$prompt_color'\[\033[01m\]\w\[\033[00m\]\$ ';;
            backtrack)
                PS1='${VIRTUAL_ENV:+($(basename $VIRTUAL_ENV)) }${debian_chroot:+($debian_chroot)}\[\033[01;31m\]\u@\h\[\033[00m\]:\[\033[01;34m\]\w\[\033[00m\]\$ ';;
        esac
        unset prompt_color
        unset info_color
        unset prompt_symbol
    else
        PS1='${debian_chroot:+($debian_chroot)}\u@\h:\w\$ '
    fi
    unset color_prompt force_color_prompt

    # If this is an xterm set the title to user@host:dir
    case "$TERM" in
    xterm*|rxvt*|Eterm|aterm|kterm|gnome*|alacritty)
        PS1="\[\e]0;${debian_chroot:+($debian_chroot)}\u@\h: \w\a\]$PS1"
        ;;
    *)
        ;;
    esac
:
```

File Actions Edit View Help

```
        export LESS_TERMCAP_mb=$'\E[1;31m'     # begin blink
        export LESS_TERMCAP_md=$'\E[1;36m'     # begin bold
        export LESS_TERMCAP_me=$'\E[0m'        # reset bold/blink
        export LESS_TERMCAP_so=$'\E[01;33m'    # begin reverse video
        export LESS_TERMCAP_se=$'\E[0m'        # reset reverse video
        export LESS_TERMCAP_us=$'\E[1;32m'     # begin underline
        export LESS_TERMCAP_ue=$'\E[0m'        # reset underline
fi

# colored GCC warnings and errors
#export GCC_COLORS='error=01;31:warning=01;35:note=01;36:caret=01;32:locus=01:quote=01'

# some more ls aliases
alias ll='ls -l'
alias la='ls -A'
alias l='ls -CF'

# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
  if [ -f /usr/share/bash-completion/bash_completion ]; then
    . /usr/share/bash-completion/bash_completion
  elif [ -f /etc/bash_completion ]; then
    . /etc/bash_completion
  fi
fi
(END)
```

3.pf


```
File  Actions  Edit  View  Help
┌──(kali㉿kali)-[~]
└─$ cd Desktop

┌──(kali㉿kali)-[~/Desktop]
└─$ cd Anushareddy_Ramachandra_Reddy

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ mkdir work

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ cd work

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy/work]
└─$ cd /usr/local/bin

┌──(kali㉿kali)-[/usr/local/bin]
└─$ cd ..

┌──(kali㉿kali)-[/usr/local]
└─$ cd /usr/local/bin

┌──(kali㉿kali)-[/usr/local/bin]
└─$ cd ../games

┌──(kali㉿kali)-[/usr/local/games]
└─$ cd ..

┌──(kali㉿kali)-[/usr/local]
└─$ cd Anushareddy_Ramachandra_Reddy
```

4.curl


```
File  Actions  Edit  View  Help
└─$ cd Anushareddy_Ramachandra_Reddy

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ sudo apt-get install curl
[sudo] password for kali:
Reading package lists ... Done
Building dependency tree ... Done
Reading state information ... Done
The following additional packages will be installed:
  libcurl3t64-gnutls libcurl4t64
The following packages will be upgraded:
  curl libcurl3t64-gnutls libcurl4t64
3 upgraded, 0 newly installed, 0 to remove and 921 not upgraded.
Need to get 1,299 kB of archives.
After this operation, 81.9 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://kali.download/kali kali-rolling/main amd64 curl amd64 8.9.1-2 [366 kB]
Get:3 http://kali.download/kali kali-rolling/main amd64 libcurl4t64 amd64 8.9.1-2 [463 kB]
Get:2 http://mirrors.ocf.berkeley.edu/kali kali-rolling/main amd64 libcurl3t64-gnutls amd64 8.9.1-2 [470 kB]
Fetched 1,299 kB in 1s (1,045 kB/s)
(Reading database ... 395773 files and directories currently installed.)
Preparing to unpack .../curl_8.9.1-2_amd64.deb ...
Unpacking curl (8.9.1-2) over (8.8.0-4) ...
Preparing to unpack .../libcurl3t64-gnutls_8.9.1-2_amd64.deb ...
Unpacking libcurl3t64-gnutls:amd64 (8.9.1-2) over (8.8.0-4) ...
Preparing to unpack .../libcurl4t64_8.9.1-2_amd64.deb ...
Unpacking libcurl4t64:amd64 (8.9.1-2) over (8.8.0-4) ...
Setting up libcurl4t64:amd64 (8.9.1-2) ...
Setting up libcurl3t64-gnutls:amd64 (8.9.1-2) ...
Setting up curl (8.9.1-2) ...
Processing triggers for libc-bin (2.38-13) ...
Processing triggers for man-db (2.12.1-2) ...
^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B^[[B
^[[B^[[BProcessing triggers for kali-menu (2024.3.1) ...

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ █
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ cd ~

┌──(kali㉿kali)-[~]
└─$ curl https://raw.githubusercontent.com/torvalds/linux/master/kernel/events/core.c -o core.c
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100  343k  100  343k    0     0  1026k      0 --:--:-- --:--:-- --:--:-- 1029k

┌──(kali㉿kali)-[~]
└─$
```

```
┌──(kali㉿kali)-[~]
└─$ curl -s https://raw.githubusercontent.com/torvalds/linux/master/kernel/events/core.c -o core.c

┌──(kali㉿kali)-[~]
└─$ ls -l core.c
-rw-rw-r-- 1 kali kali 352005 Sep 30 17:46 core.c

┌──(kali㉿kali)-[~]
└─$
```

5.df

```
┌──(kali㉿kali)-[~]
└─$ cd Desktop/Anushareddy_Ramachandra_Reddy

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ df -h -x squashfs
Filesystem      Size  Used Avail Use% Mounted on
udev            946M     0  946M   0% /dev
tmpfs           198M  960K  197M   1% /run
/dev/sda1        79G   15G   61G  20% /
tmpfs           988M     0  988M   0% /dev/shm
tmpfs           5.0M     0  5.0M   0% /run/lock
tmpfs           1.0M     0  1.0M   0% /run/credentials/systemd-journald.service
tmpfs           1.0M     0  1.0M   0% /run/credentials/systemd-udev-load-credentials.service
tmpfs           1.0M     0  1.0M   0% /run/credentials/systemd-tmpfiles-setup-dev-early.service
tmpfs           1.0M     0  1.0M   0% /run/credentials/systemd-sysctl.service
tmpfs           988M   68K  988M   1% /tmp
tmpfs           1.0M     0  1.0M   0% /run/credentials/systemd-tmpfiles-setup-dev.service
tmpfs           1.0M     0  1.0M   0% /run/credentials/systemd-tmpfiles-setup.service
tmpfs           1.0M     0  1.0M   0% /run/credentials/getty@tty1.service
tmpfs           198M  124K  198M   1% /run/user/1000

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$
```

6.diff

```
┌──(kali㉿kali)-[~/Desktop]
└─$ cd Anushareddy_Ramachandra_Reddy

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ nano alpha3.txt

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ nano alpha4.txt

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ diff -y -w 70 alpha3.txt alpha4.txt --suppress-common-lines
diff: extra operand 'alpha4.txt'
diff: Try 'diff --help' for more information.

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ diff -y --suppress-common-lines -W 70 alpha3.txt alpha4.txt

Anusha                        |      Information
Reddy                         |      Systems and
Ramachandra                   |      Technology
Reddy                         |      2025 Passedout

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$
```

7.Echo

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ echo A String of Text
A String of Text

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ echo $USER
kali

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ echo $HOME
/home/kali

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ echo $PATH
/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/local/games:/usr/games

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$
```

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ echo -e"\a"
-e

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$
```

8.Find

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ find . -name *alpha2*
./alpha2.txt.save
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ find . -name *alpha1*
./alpha1.txt.save
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ find . -iname *alpha2*
./alpha2.txt.save
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$
```

9.finger

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ finger kali
Login: kali                         Name:
Directory: /home/kali               Shell: /usr/bin/zsh
On since Mon Sep 30 17:18 (EDT) on tty7 from :0
   45 minutes 51 seconds idle
No mail.
No Plan.
```

10.free

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ free -h
              total        used        free      shared  buff/cache   available
Mem:          1.9Gi       730Mi       778Mi        14Mi       628Mi       1.2Gi
Swap:         1.0Gi          0B       1.0Gi
```

11.groups

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ groups kali
kali : kali adm dialout cdrom floppy sudo audio dip video plugdev users netdev bluetooth scanner wireshark kaboxer vboxsf
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$
```

12.gzip

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ cd ~
┌──(kali㉿kali)-[~]
└─$ gzip -k core.c
┌──(kali㉿kali)-[~]
└─$ ls -l core*
-rw-rw-r-- 1 kali kali 352005 Sep 30 17:46 core.c
-rw-rw-r-- 1 kali kali  87862 Sep 30 17:46 core.c.gz
┌──(kali㉿kali)-[~]
└─$
```

13.head

```
┌──(kali㊀kali)-[~]
└─$ head core.c
// SPDX-License-Identifier: GPL-2.0
/*
 * Performance events core code:
 *
 *  Copyright (C) 2008 Thomas Gleixner <tglx@linutronix.de>
 *  Copyright (C) 2008-2011 Red Hat, Inc., Ingo Molnar
 *  Copyright (C) 2008-2011 Red Hat, Inc., Peter Zijlstra
 *  Copyright  ©  2009 Paul Mackerras, IBM Corp. <paulus@au1.ibm.com>
 */

┌──(kali㊀kali)-[~]
└─$ head -n 5 core.c
// SPDX-License-Identifier: GPL-2.0
/*
 * Performance events core code:
 *
 *  Copyright (C) 2008 Thomas Gleixner <tglx@linutronix.de>

┌──(kali㊀kali)-[~]
└─$
```

14.less

```
File  Actions  Edit  View  Help
┌──(kali㊀kali)-[~]
└─$ less core.c
```

```
// SPDX-License-Identifier: GPL-2.0
/*
 * Performance events core code:
 *
 *  Copyright (C) 2008 Thomas Gleixner <tglx@linutronix.de>
 *  Copyright (C) 2008-2011 Red Hat, Inc., Ingo Molnar
 *  Copyright (C) 2008-2011 Red Hat, Inc., Peter Zijlstra
 *  Copyright  ©  2009 Paul Mackerras, IBM Corp. <paulus@au1.ibm.com>
 */

#include <linux/fs.h>
#include <linux/mm.h>
#include <linux/cpu.h>
#include <linux/smp.h>
#include <linux/idr.h>
#include <linux/file.h>
#include <linux/poll.h>
#include <linux/slab.h>
#include <linux/hash.h>
#include <linux/tick.h>
#include <linux/sysfs.h>
#include <linux/dcache.h>
#include <linux/percpu.h>
#include <linux/ptrace.h>
#include <linux/reboot.h>
#include <linux/vmstat.h>
#include <linux/device.h>
#include <linux/export.h>
#include <linux/vmalloc.h>
#include <linux/hardirq.h>
#include <linux/hugetlb.h>
#include <linux/rculist.h>
#include <linux/uaccess.h>
#include <linux/syscalls.h>
#include <linux/anon_inodes.h>
#include <linux/kernel_stat.h>
:
```

```
┌──(kali㉿kali)-[~]
└─$ ls -R / | less
```

```
File  Actions  Edit  View  Help
initrd.img.old
lib
lib32
lib64
lost+found
media
mnt
opt
proc
root
run
sbin
srv
swapfile
sys
tmp
usr
var
vmlinuz
vmlinuz.old

/boot:
config-6.8.11-amd64
grub
initrd.img-6.8.11-amd64
System.map-6.8.11-amd64
vmlinuz-6.8.11-amd64

/boot/grub:
:ls: cannot open directory '/etc/credstore': Permission denied
ls: cannot open directory '/etc/credstore.encrypted': Permission denied
ls: cannot open directory '/etc/ipsec.d/private': Permission denied
ls: cannot open directory '/etc/openvas/gnupg': Permission denied
ls: cannot open directory '/etc/polkit-1/rules.d': Permission denied
ls: cannot open directory '/etc/redis': Permission denied
ls: cannot open directory '/etc/ssl/private': Permission denied
```

`

15. is

```
File  Actions  Edit  View  Help
┌──(kali㉿kali)-[~]
└─$ ls
core.c  core.c.gz  Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos

┌──(kali㉿kali)-[~]
└─$ ls -l
total 464
-rw-rw-r-- 1 kali kali 352005 Sep 30 17:46 core.c
-rw-rw-r-- 1 kali kali  87862 Sep 30 17:46 core.c.gz
drwxr-xr-x 3 kali kali   4096 Sep 30 17:31 Desktop
drwxr-xr-x 2 kali kali   4096 Sep 23 19:32 Documents
drwxr-xr-x 2 kali kali   4096 Sep 23 19:32 Downloads
drwxr-xr-x 2 kali kali   4096 Sep 23 19:32 Music
drwxr-xr-x 2 kali kali   4096 Sep 23 19:32 Pictures
drwxr-xr-x 2 kali kali   4096 Sep 23 19:32 Public
drwxr-xr-x 2 kali kali   4096 Sep 23 19:32 Templates
drwxr-xr-x 2 kali kali   4096 Sep 23 19:32 Videos

┌──(kali㉿kali)-[~]
└─$
```

16.man


```
┌──(kali㊉kali)-[~]
└─$ man chown
```



```
File  Actions  Edit  View  Help
CHOWN(1)                                                User Commands                                                CHOW
NAME
       chown - change file owner and group

SYNOPSIS
       chown [OPTION]... [OWNER][:[GROUP]] FILE...
       chown [OPTION]... --reference=RFILE FILE...

DESCRIPTION
       This  manual  page documents the GNU version of chown.  chown changes the user and/or group ownership of each given file.  If only an owner (a user name or numeric user ID) is given, that
       user is made the owner of each given file, and the files' group is not changed.  If the owner is followed by a colon and a group name (or numeric group ID), with no spaces  between  them,
       the group ownership of the files is changed as well.  If a colon but no group name follows the user name, that user is made the owner of the files and the group of the files is changed to
       that  user's login group.  If the colon and group are given, but the owner is omitted, only the group of the files is changed; in this case, chown performs the same function as chgrp.  If
       only a colon is given, or if the entire operand is empty, neither the owner nor the group is changed.

OPTIONS
       Change the owner and/or group of each FILE to OWNER and/or GROUP.  With --reference, change the owner and group of each FILE to those of RFILE.

       -c, --changes
              like verbose but report only when a change is made

       -f, --silent, --quiet
              suppress most error messages

       -v, --verbose
              output a diagnostic for every file processed

       --dereference
              affect the referent of each symbolic link (this is the default), rather than the symbolic link itself

       -h, --no-dereference
              affect symbolic links instead of any referenced file (useful only on systems that can change the ownership of a symlink)

       --from=CURRENT_OWNER:CURRENT_GROUP
              change the owner and/or group of each file only if its current owner and/or group match those specified here.  Either may be omitted, in which case a match is not required for the
Manual page chown(1) line 1 (press h for help or q to quit)
```

17. mkdir

```
File   Actions   Edit   View   Help
┌──(kali㉿kali)-[~]
└─$ mkdir invoices

┌──(kali㉿kali)-[~]
└─$ mkdir quotes

┌──(kali㉿kali)-[~]
└─$ ls -al
total 616
drwx────── 17 kali kali   4096 Sep 30 18:16 .
drwxr-xr-x  3 root root   4096 Aug 18 15:57 ..
-rw-r--r--  1 kali kali    220 Aug 18 15:57 .bash_logout
-rw-r--r--  1 kali kali   5551 Aug 18 15:57 .bashrc
-rw-r--r--  1 kali kali   3526 Aug 18 15:57 .bashrc.original
drwxrwxr-x  7 kali kali   4096 Sep 30 17:18 .cache
drwxr-xr-x 13 kali kali   4096 Sep 23 20:09 .config
-rw-rw-r--  1 kali kali 352005 Sep 30 17:46 core.c
-rw-rw-r--  1 kali kali  87862 Sep 30 17:46 core.c.gz
drwxr-xr-x  3 kali kali   4096 Sep 30 17:31 Desktop
-rw-r--r--  1 kali kali     35 Sep 23 19:32 .dmrc
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Documents
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Downloads
-rw-r--r--  1 kali kali  11759 Aug 18 15:57 .face
lrwxrwxrwx  1 kali kali      5 Aug 18 15:57 .face.icon → .face
drwx──────  3 kali kali   4096 Sep 23 19:32 .gnupg
-rw───────  1 kali kali      0 Sep 23 19:32 .ICEauthority
drwxrwxr-x  2 kali kali   4096 Sep 30 18:15 invoices
drwxr-xr-x  3 kali kali   4096 Aug 18 15:57 .java
drwxr-xr-x  4 kali kali   4096 Sep 23 19:32 .local
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Music
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Pictures
-rw-r--r--  1 kali kali    807 Aug 18 15:57 .profile
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Public
drwxrwxr-x  2 kali kali   4096 Sep 30 18:16 quotes
-rw-r--r--  1 kali kali      0 Sep 23 20:53 .sudo_as_admin_successful
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Templates
-rw-r──────  1 kali kali      5 Sep 30 17:18 .vboxclient-clipboard-tty7-control.pid
```

```
File  Actions  Edit  View  Help
drwxr-xr-x  4 kali kali   4096 Sep 23 19:32 .local
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Music
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Pictures
-rw-r--r--  1 kali kali    807 Aug 18 15:57 .profile
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Public
drwxrwxr-x  2 kali kali   4096 Sep 30 18:16 quotes
-rw-r--r--  1 kali kali      0 Sep 23 20:53 .sudo_as_admin_successful
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Templates
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-clipboard-tty7-control.pid
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-clipboard-tty7-service.pid
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-display-svga-x11-tty7-control.pid
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-display-svga-x11-tty7-service.pid
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-draganddrop-tty7-control.pid
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-draganddrop-tty7-service.pid
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-hostversion-tty7-control.pid
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-seamless-tty7-control.pid
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-seamless-tty7-service.pid
-rw-r——  1 kali kali      5 Sep 30 17:18 .vboxclient-vmsvga-session-tty7-control.pid
drwxr-xr-x  2 kali kali   4096 Sep 23 19:32 Videos
-rw——  1 kali kali     49 Sep 30 17:18 .Xauthority
-rw——  1 kali kali   7973 Sep 30 18:13 .xsession-errors
-rw——  1 kali kali   8769 Sep 23 21:16 .xsession-errors.old
-rw——  1 kali kali   1714 Sep 30 18:13 .zsh_history
-rw-r--r--  1 kali kali  10868 Aug 18 15:57 .zshrc

┌──(kali㉿kali)-[~]
└─$ mkdir inovices/2109
mkdir: cannot create directory 'inovices/2109': No such file or directory

┌──(kali㉿kali)-[~]
└─$ mkdir invoices/2109

┌──(kali㉿kali)-[~]
└─$ mkdir -p quotes/yearly/2019

┌──(kali㉿kali)-[~]
└─$ █
```

18.mv

```
┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ mv alpha3.txt ~/Desktop

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ls -l
total 32
-rw——  1 kali kali    26 Sep 30 17:50 alpha1.txt.save
-rw——  1 kali kali    32 Sep 30 19:41 alpha1.txt.save.1
-rw——  1 kali kali    73 Sep 30 17:53 alpha2.txt.save
-rw——  1 kali kali   114 Sep 30 19:43 alpha2.txt.save.1
-rw-rw-r--  1 kali kali    52 Sep 30 20:02 alpha4.txt
-rw——  1 kali kali    32 Sep 30 19:48 Anusha1.txt.save
-rw——  1 kali kali    63 Sep 30 19:49 Anusha2.txt.save
drwxrwxr-x  2 kali kali  4096 Sep 30 17:34 work

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ █
```

19. password

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ sudo passwd kali
[sudo] password for kali:
New password:
Retype new password:
passwd: password updated successfully
```

20.ping

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ping 192.168.56.1
PING 192.168.56.1 (192.168.56.1) 56(84) bytes of data.
64 bytes from 192.168.56.1: icmp_seq=1 ttl=127 time=0.860 ms
64 bytes from 192.168.56.1: icmp_seq=2 ttl=127 time=0.526 ms
64 bytes from 192.168.56.1: icmp_seq=3 ttl=127 time=0.613 ms
64 bytes from 192.168.56.1: icmp_seq=4 ttl=127 time=0.554 ms
64 bytes from 192.168.56.1: icmp_seq=5 ttl=127 time=0.561 ms
64 bytes from 192.168.56.1: icmp_seq=6 ttl=127 time=0.526 ms
64 bytes from 192.168.56.1: icmp_seq=7 ttl=127 time=0.525 ms
64 bytes from 192.168.56.1: icmp_seq=8 ttl=127 time=0.536 ms
64 bytes from 192.168.56.1: icmp_seq=9 ttl=127 time=0.541 ms
64 bytes from 192.168.56.1: icmp_seq=10 ttl=127 time=0.589 ms
64 bytes from 192.168.56.1: icmp_seq=11 ttl=127 time=0.503 ms
64 bytes from 192.168.56.1: icmp_seq=12 ttl=127 time=0.581 ms
64 bytes from 192.168.56.1: icmp_seq=13 ttl=127 time=0.613 ms
64 bytes from 192.168.56.1: icmp_seq=14 ttl=127 time=0.563 ms
64 bytes from 192.168.56.1: icmp_seq=15 ttl=127 time=0.505 ms
64 bytes from 192.168.56.1: icmp_seq=16 ttl=127 time=0.647 ms
64 bytes from 192.168.56.1: icmp_seq=17 ttl=127 time=0.528 ms
64 bytes from 192.168.56.1: icmp_seq=18 ttl=127 time=0.544 ms
64 bytes from 192.168.56.1: icmp_seq=19 ttl=127 time=0.532 ms
64 bytes from 192.168.56.1: icmp_seq=20 ttl=127 time=0.532 ms
```

21.ps

```
File  Actions  Edit  View  Help
┌──(kali㊀kali)-[~]
└─$ cd Desktop/Anushareddy_Ramachandra_Reddy

┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ps
   PID TTY          TIME CMD
 33840 pts/4    00:00:00 zsh
 34095 pts/4    00:00:00 ps
```

```
File  Actions  Edit  View  Help
┌──(kali㊀kali)-[~]
└─$ cd Desktop/Anushareddy_Ramachandra_Reddy

┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ps -u dave | less
```

```
File  Actions  Edit  View  Help
┌──(kali㉿kali)-[~]
└─$ cd Desktop/Anushareddy_Ramachandra_Reddy

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ps -u dave | less

┌──(kali㉿kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ps -e | less
```

```
File  Actions  Edit  View  Help
  PID TTY          TIME CMD
    1 ?        00:00:00 systemd
    2 ?        00:00:00 kthreadd
    3 ?        00:00:00 pool_workqueue_release
    4 ?        00:00:00 kworker/R-rcu_g
    5 ?        00:00:00 kworker/R-rcu_p
    6 ?        00:00:00 kworker/R-slub_
    7 ?        00:00:00 kworker/R-netns
   10 ?        00:00:00 kworker/0:0H-events_highpri
   12 ?        00:00:00 kworker/R-mm_pe
   13 ?        00:00:00 rcu_tasks_kthread
   14 ?        00:00:00 rcu_tasks_rude_kthread
   15 ?        00:00:00 rcu_tasks_trace_kthread
   16 ?        00:00:00 ksoftirqd/0
   17 ?        00:00:00 rcu_preempt
   18 ?        00:00:00 migration/0
   19 ?        00:00:00 idle_inject/0
   20 ?        00:00:00 cpuhp/0
   21 ?        00:00:00 cpuhp/1
   22 ?        00:00:00 idle_inject/1
   23 ?        00:00:00 migration/1
   24 ?        00:00:00 ksoftirqd/1
   25 ?        00:00:02 kworker/1:0-events
   27 ?        00:00:00 kworker/u5:0-events_unbound
   28 ?        00:00:00 kworker/u6:0-flush-8:0
   31 ?        00:00:00 kdevtmpfs
   32 ?        00:00:00 kworker/R-inet_
   33 ?        00:00:00 kauditd
   35 ?        00:00:00 khungtaskd
   36 ?        00:00:00 oom_reaper
   37 ?        00:00:00 kworker/R-write
   38 ?        00:00:00 kcompactd0
   39 ?        00:00:00 ksmd
   41 ?        00:00:00 khugepaged
   42 ?        00:00:00 kworker/R-kinte
   43 ?        00:00:00 kworker/R-kbloc
:
```

22.pwd

```
┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ pwd
/home/kali/Desktop/Anushareddy_Ramachandra_Reddy

┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ▊
```

23.uname

```
┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ uname -a
Linux kali 6.8.11-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.8.11-1kali2 (2024-05-30) x86_64 GNU/Linux

┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ uname -s
Linux

┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ uname -r
6.8.11-amd64

┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ uname -v
#1 SMP PREEMPT_DYNAMIC Kali 6.8.11-1kali2 (2024-05-30)

┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ▊
```

24. W

```
┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ w
 18:33:37 up  1:15,  2 users,  load average: 0.13, 0.19, 0.15
USER     TTY      FROM             LOGIN@   IDLE   JCPU   PCPU WHAT
kali     -                         17:18    1:15m  0.00s  0.11s /usr/lib/systemd/systemd --user
kali     -                         17:18    1:15m  0.00s  0.03s lightdm --session-child 13 24

┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ▊
```

25. whoami

```
┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ whoami
kali

┌──(kali㊋kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ ▊
```

26.top

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ top
top - 18:35:06 up  1:17,  2 users,  load average: 0.13, 0.17, 0.14
Tasks: 168 total,   1 running, 167 sleeping,   0 stopped,   0 zombie
%Cpu(s):  1.2 us,  0.8 sy,  0.0 ni, 98.0 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0 st
MiB Mem :   1974.6 total,    446.4 free,    809.9 used,    918.5 buff/cache
MiB Swap:   1024.0 total,   1024.0 free,      0.0 used.   1164.7 avail Mem

    PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM     TIME+ COMMAND
    738 root      20   0  442616 161300  71432 S   3.3   8.0   0:50.19 Xorg
  27610 kali      20   0  455772  99436  85736 S   0.7   4.9   0:04.37 qterminal
  35109 kali      20   0  455688  99412  85972 S   0.7   4.9   0:00.92 qterminal
     25 root      20   0       0      0      0 I   0.3   0.0   0:02.63 kworker/1:0-events
    989 kali      20   0  215960   3084   2816 S   0.3   0.2   0:04.35 VBoxClient
   1045 kali      20   0  969136 127676  87584 S   0.3   6.3   0:09.23 xfwm4
   1085 kali      20   0  533660  43272  34376 S   0.3   2.1   0:03.80 xfce4-panel
  32839 kali      20   0    7560   2560   2432 S   0.3   0.1   0:00.08 ping
      1 root      20   0   22300  14172  10184 S   0.0   0.7   0:00.88 systemd
      2 root      20   0       0      0      0 S   0.0   0.0   0:00.00 kthreadd
      3 root      20   0       0      0      0 S   0.0   0.0   0:00.00 pool_workqueue_release
      4 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/R-rcu_g
      5 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/R-rcu_p
      6 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/R-slub_
      7 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/R-netns
     10 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
     12 root       0 -20       0      0      0 I   0.0   0.0   0:00.00 kworker/R-mm_pe
     13 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_kthread
     14 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_rude_kthread
     15 root      20   0       0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_trace_kthread
     16 root      20   0       0      0      0 S   0.0   0.0   0:00.24 ksoftirqd/0
     17 root      20   0       0      0      0 I   0.0   0.0   0:00.42 rcu_preempt
     18 root      rt   0       0      0      0 S   0.0   0.0   0:00.01 migration/0
     19 root     -51   0       0      0      0 S   0.0   0.0   0:00.00 idle_inject/0
     20 root      20   0       0      0      0 S   0.0   0.0   0:00.00 cpuhp/0
     21 root      20   0       0      0      0 S   0.0   0.0   0:00.00 cpuhp/1
     22 root     -51   0       0      0      0 S   0.0   0.0   0:00.00 idle_inject/1
```

27. tail

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ tail alpha4.txt
Information
Systems and
Technology
2025 Passedout


┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$
```

28.history

```
┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ !39

┌──(kali㊀kali)-[~/Desktop/Anushareddy_Ramachandra_Reddy]
└─$ cd Desktop/Anushareddy_Ramachandra_Reddy
```

29.grep

30. shutdown