Tanishq Rajput

* Files/ Directory
* cd:

┌──(raptor㉿kali)-[~]

└─$ cd Desktop/tanishq

┌──(raptor㉿kali)-[~/Desktop/tanishq]

└─$ cd ..

┌──(raptor㉿kali)-[~/Desktop]

* pwd

┌──(raptor㉿kali)-[~/Desktop]

└─$ pwd

/home/raptor/Desktop

* mkdir

┌──(raptor㉿kali)-[~/Desktop]

└─$ mkdir -vp -m=wrx tanishqrajput/sample.txt

mkdir: created directory 'tanishqrajput'

mkdir: created directory 'tanishqrajput/sample.txt'

* rmdir

┌──(raptor㉿kali)-[~/Desktop]

└─$ cd tanishqrajput

┌──(raptor㉿kali)-[~/Desktop/tanishqrajput]

└─$ ls

sample.txt

┌──(raptor㉿kali)-[~/Desktop/tanishqrajput]

└─$ rmdir -vp sample.txt

rmdir: removing directory, 'sample.txt'

* chmod

┌──(raptor㉿kali)-[~/Desktop]

└─$ ls -la info

-rw-r--r-- 1 raptor raptor 1736 Feb 2 16:35 info

┌──(raptor㉿kali)-[~/Desktop]

└─$ chmod -v ugo+rwx info

mode of 'info' retained as 0777 (rwxrwxrwx)

┌──(raptor㉿kali)-[~/Desktop]

└─$ chmod -v =0400 info

mode of 'info' changed from 0777 (rwxrwxrwx) to 0400 (r--------)

* rm

┌──(raptor㉿kali)-[~/Desktop]

└─$ rm -iv abc.sh

rm: remove regular empty file 'abc.sh'? y

removed 'abc.sh'

┌──(raptor㉿kali)-[~/Desktop]

└─$ rm -d tanishq

rm: cannot remove 'tanishq': Directory not empty

┌──(raptor㉿kali)-[~/Desktop]

└─$ rm -d User

rm: cannot remove 'User': Directory not empty

┌──(raptor㉿kali)-[~/Desktop]

└─$ rm -vd emptydir

* mv

└─$ ls tanishq

abc.sh xyz.sh

┌──(raptor㉿kali)-[~/Desktop]

└─$ mv tanishq/\* ../Documents

┌──(raptor㉿kali)-[~/Desktop]

└─$ cd ../Documents

┌──(raptor㉿kali)-[~/Documents]

└─$ ls

abc abc.sh info xyz.sh

* Search/Filter
* locate

┌──(raptor㉿kali)-[~/Documents]

└─$ locate abc

/home/raptor/.cache/mesa\_shader\_cache/4b/6abc1066247bbf97496e8a8c1ca3a1c336ac6b

/home/raptor/.mozilla/firefox/q3f10aou.default-esr/storage/default/moz-extension+++97b9fb83-ebb0-456c-aaa9-1231b6d154e7^userContextId=4294967295/idb/3647222921wleabcEoxlt-eengsairo.files

/home/raptor/.mozilla/firefox/q3f10aou.default-esr/storage/default/moz-extension+++97b9fb83-ebb0-456c-aaa9-1231b6d154e7^userContextId=4294967295/idb/3647222921wleabcEoxlt-eengsairo.sqlite

/home/raptor/Desktop/abc

/home/raptor/Desktop/User/abc

/home/raptor/Desktop/tanishq/abc.sh

┌──(raptor㉿kali)-[~/Documents]

└─$ locate -wc info

19227

* find

┌──(raptor㉿kali)-[~/Desktop]

└─$ ls

info mno.sh tanishq tanishqrajput User xyz

┌──(raptor㉿kali)-[~/Desktop]

└─$ find xyz

xyz

┌──(raptor㉿kali)-[~/Desktop]

└─$ find x

find: ‘x’: No such file or directory

* grep

┌──(raptor㉿kali)-[~/Desktop]

└─$ vi xyz

┌──(raptor㉿kali)-[~/Desktop]

└─$ cat xyz

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┌──(raptor㉿kali)-[~/Desktop]

└─$ grep "[0-9]" xyz

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* cut

┌──(raptor㉿kali)-[~/Desktop]

└─$ cat xyz

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┌──(raptor㉿kali)-[~/Desktop]

└─$ cut -b -1,2,3 xyz 1 ⨯

Tan

B.T

202

CUR

239

┌──(raptor㉿kali)-[~/Desktop]

└─$ cut -d " " -f 1 xyz

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* head

┌──(raptor㉿kali)-[~/Desktop]

└─$ cat xyz

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┌──(raptor㉿kali)-[~/Desktop]

└─$ head -3 xyz

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* tail

┌──(raptor㉿kali)-[~/Desktop]

└─$ head -3 xyz | tail -1

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* Info For Commands
* man

┌──(raptor㉿kali)-[~/Desktop]

└─$ whatis man 130 ⨯

man (7) - macros to format man pages

man (1) - an interface to the system reference manuals

* info

┌──(raptor㉿kali)-[~/Desktop]

└─$ whatis info

info (5) - readable online documentation

info (1) - read Info documents

* whatis

┌──(raptor㉿kali)-[~/Desktop]

└─$ whatis whatis

whatis (1) - display one-line manual page descriptions

┌──(raptor㉿kali)-[~/Desktop]

└─$ whatis pwd

pwd (1) - print name of current/working directory

* whereis

┌──(raptor㉿kali)-[~/Desktop]

└─$ whereis pwd

pwd: /usr/bin/pwd/usr/include/pwd.h /usr/share/man/man1/pwd.1.gz

* Archive
* tar

┌──(raptor㉿kali)-[~/Desktop]

└─$ tar -cvf archive.tar \*.sh

mno.sh

┌──(raptor㉿kali)-[~/Desktop]

└─$ ls -la

total 40

drwxr-xr-x 5 raptor raptor 4096 Feb 6 23:59 .

drwxr-xr-x 17 raptor raptor 4096 Feb 6 23:36 ..

-rw-r--r-- 1 raptor raptor 10240 Feb 6 23:59 archive.tar

-r-------- 1 raptor raptor 1736 Feb 2 16:35 info

-rw-r--r-- 1 raptor raptor 0 Feb 5 19:03 mno.sh

drwxr-xr-x 2 raptor raptor 4096 Feb 6 23:26 tanishq

drwxr-xr-x 2 raptor raptor 4096 Feb 6 22:54 tanishqrajput

drwxr-xr-x 2 raptor raptor 4096 Jan 17 17:54 User

-rw-r--r-- 1 raptor raptor 58 Feb 6 23:35 xyz

* untar

┌──(raptor㉿kali)-[~/Desktop]

└─$ tar -xvf archive.tar

mno.sh

* bunzip2

┌──(raptor㉿kali)-[~/Desktop]

└─$ bunzip2 -z info

┌──(raptor㉿kali)-[~/Desktop]

└─$ ls

archive.tar info.bz2 mno.sh tanishq tanishqrajput User xyz

* gunzip2

┌──(raptor㉿kali)-[~/Desktop]

└─$ gunzip two.txt.gz

┌──(raptor㉿kali)-[~/Desktop]

└─$ ls

abc ghi.txt mno.sh tanishq two.txt xyz

archive.tar info.bz2 one.txt tanishqrajput User

* bzip2

┌──(raptor㉿kali)-[~/Desktop]

└─$ bzip2 two.txt

┌──(raptor㉿kali)-[~/Desktop]

└─$ ls

abc ghi.txt mno.sh tanishq two.txt.bz2 xyz

archive.tar info.bz2 one.txt tanishqrajput User

* gzip

┌──(raptor㉿kali)-[~/Desktop]

└─$ gzip two.txt

┌──(raptor㉿kali)-[~/Desktop]

└─$ ls

abc ghi.txt mno.sh tanishq two.txt.gz xyz

archive.tar info.bz2 one.txt tanishqrajput User

* System Monitoring
* top

┌──(raptor㉿kali)-[~/Desktop]

└─$ whatis top

top (1) - display Linux processes

* ps – Gives current proccess

┌──(raptor㉿kali)-[~/Desktop]

└─$ ps

PID TTY TIME CMD

4041 pts/0 00:00:11 zsh

5743 pts/0 00:00:00 ps

* fg

┌──(raptor㉿kali)-[~]

└─$ ping google.com

PING google.com (142.250.193.14) 56(84) bytes of data.

64 bytes from del11s14-in-f14.1e100.net (142.250.193.14): icmp\_seq=1 ttl=110 time=64.2 ms

64 bytes from del11s14-in-f14.1e100.net (142.250.193.14): icmp\_seq=2 ttl=110 time=61.0 ms

^Z

zsh: suspended ping google.com

┌──(raptor㉿kali)-[~]

└─$ fg 148 ⨯ 1 ⚙

[1] + continued ping google.com

64 bytes from del11s14-in-f14.1e100.net (142.250.193.14): icmp\_seq=3 ttl=110 time=85.8 ms

* bg

┌──(raptor㉿kali)-[~]

└─$ ping google.com

PING google.com (142.250.193.14) 56(84) bytes of data.

64 bytes from del11s14-in-f14.1e100.net (142.250.193.14): icmp\_seq=1 ttl=110 time=58.9 ms

64 bytes from del11s14-in-f14.1e100.net (142.250.193.14): icmp\_seq=2 ttl=110 time=55.9 ms

^Z

zsh: suspended ping google.com

┌──(raptor㉿kali)-[~]

└─$ jobs 148 ⨯ 1 ⚙

[1] + suspended ping google.com

┌──(raptor㉿kali)-[~]

└─$ bg 1 ⚙

[1] + continued ping google.com

* Network
* ping

┌──(raptor㉿kali)-[~/Desktop]

└─$ ping google.com

PING google.com (217.146.4.56) 56(84) bytes of data.

64 bytes from del03s16-in-f14.1e100.net (217.146.4.56): icmp\_seq=1 ttl=112 time=978 ms

64 bytes from del03s16-in-f14.1e100.net (217.146.4.56): icmp\_seq=2 ttl=112 time=45.5 ms

64 bytes from del03s16-in-f14.1e100.net (217.146.4.56): icmp\_seq=3 ttl=112 time=64.4 ms

64 bytes from del03s16-in-f14.1e100.net (217.146.4.56): icmp\_seq=4 ttl=112 time=246 ms

* ifconfig

┌──(raptor㉿kali)-[~]

└─$ sudo ifconfig eth0 down

[sudo] password for raptor:

┌──(raptor㉿kali)-[~]

└─$ sudo ifconfig eth0 up

* ifup

┌──(raptor㉿kali)-[~]

└─$ sudo ifup -v lo 1 ⚙

ifup: configuring interface lo=lo (inet)

/bin/run-parts --exit-on-error --verbose /etc/network/if-pre-up.d

run-parts: executing /etc/network/if-pre-up.d/ethtool

run-parts: executing /etc/network/if-pre-up.d/ifenslave

+ [ inet = meta ]

+ IF\_BOND\_SLAVES=

+ [ -n ]

+ [ -n ]

+ [ -n ]

+ exit 0

run-parts: executing /etc/network/if-pre-up.d/macchanger

run-parts: executing /etc/network/if-pre-up.d/vlan

run-parts: executing /etc/network/if-pre-up.d/wireless-tools

run-parts: executing /etc/network/if-pre-up.d/wpasupplicant

/sbin/ip link set dev lo up

/bin/run-parts --exit-on-error --verbose /etc/network/if-up.d

run-parts: executing /etc/network/if-up.d/ethtool

run-parts: executing /etc/network/if-up.d/ifenslave

+ [ inet = meta ]

+ [ ]

run-parts: executing /etc/network/if-up.d/ip

run-parts: executing /etc/network/if-up.d/miredo

run-parts: executing /etc/network/if-up.d/openvpn

run-parts: executing /etc/network/if-up.d/wpasupplicant

* ifdown

┌──(raptor㉿kali)-[~]

└─$ sudo ifdown -v lo 1 ⚙

ifdown: configuring interface lo=lo (inet)

/bin/run-parts --verbose /etc/network/if-down.d

run-parts: executing /etc/network/if-down.d/openvpn

run-parts: executing /etc/network/if-down.d/wpasupplicant

/sbin/ip link set dev lo down

/bin/run-parts --verbose /etc/network/if-post-down.d

run-parts: executing /etc/network/if-post-down.d/ifenslave

+ [ inet = meta ]

+ BOND\_PARAMS=/sys/class/net/lo/bonding

+ [ -f /sys/class/net/lo/master/bonding/slaves ]

+ [ ! -f /sys/class/net/lo/bonding/slaves ]

+ exit

run-parts: executing /etc/network/if-post-down.d/macchanger

run-parts: executing /etc/network/if-post-down.d/vlan

run-parts: executing /etc/network/if-post-down.d/wireless-tools

run-parts: executing /etc/network/if-post-down.d/wpasupplicant

* netstat

┌──(raptor㉿kali)-[~]

└─$ netstat

Active Internet connections (w/o servers)

Proto Recv-Q Send-Q Local Address Foreign Address State

udp 0 0 kali:bootpc \_gateway:bootps ESTABLISHED

Active UNIX domain sockets (w/o servers)

Proto RefCnt Flags Type State I-Node Path

unix 2 [ ] DGRAM 17833 /run/user/1000/systemd/notify

* Memory
* free

┌──(raptor㉿kali)-[~]

└─$ free

total used free shared buff/cache available

Mem: 4027792 653024 2875980 13692 498788 3141724

Swap: 998396 0 998396

* vmstat

┌──(raptor㉿kali)-[~]

└─$ vmstat

procs -----------memory---------- ---swap-- -----io---- -system-- ------cpu-----

r b swpd free buff cache si so bi bo in cs us sy id wa st

1 0 0 2875828 42928 455896 0 0 446 33 254 333 3 6 90 0

* /proc/meminfo

┌──(raptor㉿kali)-[~]

└─$ cat /proc/meminfo

MemTotal: 4027792 kB

MemFree: 2874176 kB

MemAvailable: 3141480 kB

Buffers: 43096 kB

Cached: 424452 kB

SwapCached: 0 kB

Active: 227020 kB

Inactive: 803712 kB

Active(anon): 1004 kB

Inactive(anon): 575876 kB

Active(file): 226016 kB

Inactive(file): 227836 kB

Unevictable: 0 kB

Mlocked: 0 kB

SwapTotal: 998396 kB

SwapFree: 998396 kB

Dirty: 28 kB

Writeback: 0 kB

AnonPages: 551144 kB

Mapped: 237136 kB

Shmem: 13692 kB

KReclaimable: 32844 kB

Slab: 65748 kB

SReclaimable: 32844 kB

SUnreclaim: 32904 kB

KernelStack: 6256 kB

PageTables: 11692 kB

NFS\_Unstable: 0 kB

Bounce: 0 kB

WritebackTmp: 0 kB

CommitLimit: 3012292 kB

Committed\_AS: 3228156 kB

VmallocTotal: 34359738367 kB

VmallocUsed: 34352 kB

VmallocChunk: 0 kB

Percpu: 1360 kB

HardwareCorrupted: 0 kB

AnonHugePages: 235520 kB

ShmemHugePages: 0 kB

ShmemPmdMapped: 0 kB

FileHugePages: 0 kB

FilePmdMapped: 0 kB

HugePages\_Total: 0

HugePages\_Free: 0

HugePages\_Rsvd: 0

HugePages\_Surp: 0

Hugepagesize: 2048 kB

Hugetlb: 0 kB

DirectMap4k: 120768 kB

DirectMap2M: 4073472 kB

* Advanced
* touch

┌──(raptor㉿kali)-[~]

└─$ ls

abc info script.sh

abdc Music tanishq

Desktop Pictures Templates

Documents Public Videos

Downloads scipt.sh

┌──(raptor㉿kali)-[~]

└─$ touch sc.sh

┌──(raptor㉿kali)-[~]

└─$ ls

abc info script.sh

abdc Music sc.sh

Desktop Pictures tanishq

Documents Public Templates

Downloads scipt.sh Videos

* last

┌──(raptor㉿kali)-[~]

└─$ last

raptor :1 :1 Mon Feb 7 10:12 still logged in

reboot system boot 5.10.0-kali3-amd Mon Feb 7 10:11 still running

raptor :1 :1 Sun Feb 6 22:36 - crash (11:35)

raptor pts/0 Sun Feb 6 21:36 - 21:49 (00:12)

raptor pts/0 Sun Feb 6 21:35 - 21:36 (00:00)

raptor :1 :1 Sun Feb 6 21:31 - 22:30 (00:58)

reboot system boot 5.10.0-kali3-amd Sun Feb 6 21:30 still running

raptor :1 :1 Sun Feb 6 17:06 - crash (04:24)

reboot system boot 5.10.0-kali3-amd Sun Feb 6 17:06 still running

raptor :1 :1 Sun Feb 6 12:45 - crash (04:20)

reboot system boot 5.10.0-kali3-amd Sun Feb 6 12:45 still running

raptor :1 :1 Sat Feb 5 21:32 - crash (15:13)

raptor :1 :1 Sat Feb 5 19:02 - 21:31 (02:28)

reboot system boot 5.10.0-kali3-amd Sat Feb 5 18:59 still running

raptor :1 :1 Wed Feb 2 16:01 - crash (3+02:58)

reboot system boot 5.10.0-kali3-amd Wed Feb 2 15:58 still running

raptor :1 :1 Mon Jan 31 15:35 - crash (2+00:23)

reboot system boot 5.10.0-kali3-amd Mon Jan 31 15:34 still running

raptor :1 :1 Mon Jan 17 17:37 - crash (13+21:57)

reboot system boot 5.10.0-kali3-amd Mon Jan 17 17:36 still running

raptor :1 :1 Sun Jan 16 20:56 - down (00:01)

reboot system boot 5.10.0-kali3-amd Sun Jan 16 20:55 - 20:57 (00:01)

wtmp begins Sun Jan 16 20:55:48 2022

* reboot

$sudo reboot

This command reboots the linux operating system.

* shutdown

$sudo shutdown

This command shuts down the linux operating system.

* at

┌──(raptor㉿kali)-[~]

└─$ echo "sudo reboot"| at now +5 hours

warning: commands will be executed using /bin/sh

job 1 at Wed Feb 9 03:33:00 2022

┌──(raptor㉿kali)-[~]

└─$ at -l

1 Wed Feb 9 03:33:00 2022 a raptor

* cron

┌──(root💀kali)-[/home/raptor]

└─# cron 0 \* 12 \* \* \* /home/raptor/Desktop/mno.sh

* apropos

┌──(root💀kali)-[/home/raptor]

└─# apropos -e ls

dircolors (1) - color setup for ls

git-mktree (1) - Build a tree-object from ls-tree formatted text

ls (1) - list directory contents

* bc

┌──(raptor㉿kali)-[~]

└─$ bc

bc 1.07.1

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This is free software with ABSOLUTELY NO WARRANTY.

For details type `warranty'.

a=90

b=80

a\*b

7200

c=0

d=1

c\*d

0

* chown

┌──(raptor㉿kali)-[~/Desktop]

└─$ ls -la1 mno.sh

-rw-r--r-- 1 root raptor 0 Feb 5 19:03 mno.sh

┌──(raptor㉿kali)-[~/Desktop]

└─$ sudo chown -v raptor:raptor mno.sh

changed ownership of 'mno.sh' from root:raptor to raptor:raptor

* chroot

* convert

┌──(root💀kali)-[/home/raptor/Desktop]

└─# convert index.jpeg index.png 127 ⨯

┌──(root💀kali)-[/home/raptor/Desktop]

└─# ls

abc ghi.txt index.jpeg info.bz2 one.txt tanishqrajput User

archive.tar index.html index.png mno.sh tanishq two.txt.bz2 xyz

┌──(root💀kali)-[/home/raptor/Desktop]

* diff

┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat xyz

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┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat abc

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98766907-0

┌──(root💀kali)-[/home/raptor/Desktop]

└─# diff -u abc xyz

--- abc 2022-02-08 23:39:34.626757072 +0530

+++ xyz 2022-02-06 23:35:07.718373492 +0530

@@ -3,4 +3,3 @@

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-98766907-0

* cmp

┌──(root💀kali)-[/home/raptor/Desktop]

└─# cmp abc xyz

cmp: EOF on xyz after byte 58, line 5

* df

┌──(root💀kali)-[/home/raptor/Desktop]

└─# df

Filesystem 1K-blocks Used Available Use% Mounted on

udev 1979024 0 1979024 0% /dev

tmpfs 402780 1140 401640 1% /run

/dev/sda1 31861548 10145304 20072212 34% /

tmpfs 2013896 0 2013896 0% /dev/shm

tmpfs 5120 0 5120 0% /run/lock

tmpfs 402776 104 402672 1% /run/user/1000

* du

┌──(root💀kali)-[/home/raptor/Desktop]

└─# du

20 ./User

4 ./tanishqrajput

2208 ./tanishq/fake/lib64

1356 ./tanishq/fake/bin

3568 ./tanishq/fake

3572 ./tanishq

3724 .

* pgrep

┌──(root💀kali)-[/home/raptor/Desktop]

└─# pgrep ssh 2 ⨯

1689

* finger

┌──(root💀kali)-[/home/raptor/Desktop]

└─# finger

Login Name Tty Idle Login Time Office Office Phone

raptor Raptor \*:1 Feb 8 22:27 (:1)

* date

┌──(raptor㉿kali)-[~]

└─$ date

Tuesday 08 February 2022 04:03:49 PM IST

* time

┌──(raptor㉿kali)-[~]

└─$ time

shell 0.17s user 0.26s system 0% cpu 17:56.55 total

children 0.26s user 0.12s system 0% cpu 17:56.55 total

* where

┌──(raptor㉿kali)-[~]

└─$ where pwd

pwd: shell built-in command

/usr/bin/pwd

/bin/pwd

* whoami

┌──(raptor㉿kali)-[~]

└─$ whoami

raptor

* su

┌──(raptor㉿kali)-[~]

└─$ sudo su

[sudo] password for raptor:

┌──(root💀kali)-[/home/raptor]

└─#

* login

┌──(root💀kali)-[/home/raptor/Desktop]

└─# login 16 ⨯

kali login: raptor

Password:

* wall

┌──(raptor㉿kali)-[~]

└─$ wall "HELLO ALL" 148 ⨯ 1 ⚙

Broadcast message from raptor@kali (pts/0) (Tue Feb 8 23:47:25 2022):

HELLO ALL

* cat

┌──(raptor㉿kali)-[~/Desktop]

└─$ cat xyz

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* make

──(root💀kali)-[/home/raptor]

└─# make -p /home/raptor/Desktop/null 2 ⨯

make: \*\*\* No rule to make target '/home/raptor/Desktop/null'. Stop.

# GNU Make 4.3

# Built for x86\_64-pc-linux-gnu

# Copyright (C) 1988-2020 Free Software Foundation, Inc.

# License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>

# This is free software: you are free to change and redistribute it.

# There is NO WARRANTY, to the extent permitted by law.

# Make data base, printed on Mon Feb 14 09:14:52 2022

# Variables

# default

PREPROCESS.S = $(CC) -E $(CPPFLAGS)

# default

COMPILE.m = $(OBJC) $(OBJCFLAGS) $(CPPFLAGS) $(TARGET\_ARCH) -c

# default

ARFLAGS = rv

# default

AS = as

# default

AR = ar

# default

OBJC = cc

# environment

SUDO\_UID = 1000

# default

LINK.S = $(CC) $(ASFLAGS) $(CPPFLAGS) $(LDFLAGS) $(TARGET\_MACH)

# environment

LESS\_TERMCAP\_me =

# default

LINK.s = $(CC) $(ASFLAGS) $(LDFLAGS) $(TARGET\_MACH)

# default

MAKE\_COMMAND := make

# automatic

@D = $(patsubst %/,%,$(dir $@))

# default

COFLAGS =

# default

COMPILE.mod = $(M2C) $(M2FLAGS) $(MODFLAGS) $(TARGET\_ARCH)

# default

.VARIABLES :=

# environment

PWD = /home/raptor

# automatic

%D = $(patsubst %/,%,$(dir $%))

# environment

MAIL = /var/mail/root

# default

LINK.o = $(CC) $(LDFLAGS) $(TARGET\_ARCH)

# environment

OLDPWD = /home/raptor

# default

TEXI2DVI = texi2dvi

# automatic

^D = $(patsubst %/,%,$(dir $^))

# automatic

%F = $(notdir $%)

# default

LEX.l = $(LEX) $(LFLAGS) -t

# environment

LANG = en\_IN

# environment

XAUTHORITY = /run/user/1000/gdm/Xauthority

# default

.LOADED :=

* ls

┌──(raptor㉿kali)-[~/Desktop]

└─$ ls -la1

total 40

drwxr-xr-x 5 raptor raptor 4096 Feb 7 00:02 .

drwxr-xr-x 17 raptor raptor 4096 Feb 8 16:07 ..

-rw-r--r-- 1 raptor raptor 10240 Feb 6 23:59 archive.tar

-r-------- 1 raptor raptor 734 Feb 2 16:35 info.bz2

-rw-r--r-- 1 raptor raptor 0 Feb 5 19:03 mno.sh

drwxr-xr-x 2 raptor raptor 4096 Feb 6 23:26 tanishq

drwxr-xr-x 2 raptor raptor 4096 Feb 6 22:54 tanishqrajput

drwxr-xr-x 2 raptor raptor 4096 Jan 17 17:54 User

-rw-r--r-- 1 raptor raptor 58 Feb 6 23:35 xyz

* ln

┌──(raptor㉿kali)-[~/Downloads]

└─$ ln -vf abc.txt xyz.txt 1 ⚙

'xyz.txt' => 'abc.txt'

* cp

┌──(raptor㉿kali)-[~/Desktop]

└─$ cat xyz

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┌──(raptor㉿kali)-[~/Desktop]

└─$ touch abc

┌──(raptor㉿kali)-[~/Desktop]

└─$ cat abc

┌──(raptor㉿kali)-[~/Desktop]

└─$ cp xyz abc

┌──(raptor㉿kali)-[~/Desktop]

└─$ cat abc

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* vi/vim

┌──(raptor㉿kali)-[~/Desktop]

└─$ vi abc

* kill

┌──(raptor㉿kali)-[~/Downloads]

└─$ ps 1 ⨯ 2 ⚙

PID TTY TIME CMD

3061 pts/0 00:00:01 zsh

4216 pts/0 00:00:01 zsh

4233 pts/0 00:00:00 wall

4390 pts/0 00:00:00 pr

4512 pts/0 00:00:00 ps

┌──(raptor㉿kali)-[~/Downloads]

└─$ kill 4216

* fdisk

┌──(raptor㉿kali)-[~/Downloads]

└─$ sudo fdisk -l 2 ⚙

Disk /dev/sda: 32 GiB, 34359738368 bytes, 67108864 sectors

Disk model: VBOX HARDDISK

Units: sectors of 1 \* 512 = 512 bytes

Sector size (logical/physical): 512 bytes / 512 bytes

I/O size (minimum/optimal): 512 bytes / 512 bytes

Disklabel type: dos

Disk identifier: 0x35e582e4

Device Boot Start End Sectors Size Id Type

/dev/sda1 \* 2048 65107967 65105920 31G 83 Linux

/dev/sda2 65110014 67106815 1996802 975M 5 Extended

/dev/sda5 65110016 67106815 1996800 975M 82 Linux swap / Solaris

* md5sum

┌──(raptor㉿kali)-[~/Downloads]

└─$ md5sum abc.txt>test.md5 1 ⨯ 2 ⚙

┌──(raptor㉿kali)-[~/Downloads]

└─$ md5sum -c test.md5

abc.txt: OK

* dpkg

──(raptor㉿kali)-[~/Downloads]

└─$ dpkg -l 2 ⨯ 2 ⚙

Desired=Unknown/Install/Remove/Purge/Hold

| Status=Not/Inst/Conf-files/Unpacked/halF-conf/Half-inst/trig-aWait/Trig-pend

|/ Err?=(none)/Reinst-required (Status,Err: uppercase=bad)

||/ Name Version Architecture>

+++-========================================-===============================-============>

ii accountsservice 0.6.55-3 amd64 >

ii acl 2.2.53-10 amd64 >

ii adduser 3.118 all >

ii adwaita-icon-theme 3.38.0-1 all >

ii aircrack-ng 1:1.6+git20210130.91820bc-1 amd64 >

ii amass 3.11.5-0kali1 amd64 >

ii amass-common 3.11.5-0kali1 all >

ii amd64-microcode 3.20191218.1 amd64 >

ii apache2 2.4.46-4 amd64 >

ii apache2-bin 2.4.46-4 amd64 >

ii apache2-data 2.4.46-4 all >

ii apache2-utils 2.4.46-4 amd64 >

ii apg 2.2.3.dfsg.1-5+b2 amd64 >

ii apparmor 2.13.6-7 amd64 >

ii appstream 0.14.0-2 amd64 >

ii apt 2.1.20 amd64 >

ii apt-config-icons 0.14.0-2 all >

ii apt-file 3.2.2 all >

lines 1-23

* rpm

┌──(raptor㉿kali)-[~]

└─$ rpm -l

* dmesg

──(root💀kali)-[/home/raptor]

└─# dmesg 127 ⨯

[ 0.000000] Linux version 5.10.0-kali3-amd64 (devel@kali.org) (gcc-10 (Debian 10.2.1-6) 10.2.1 20210110, GNU ld (GNU Binutils for Debian) 2.35.1) #1 SMP Debian 5.10.13-1kali1 (2021-02-08)

[ 0.000000] Command line: BOOT\_IMAGE=/boot/vmlinuz-5.10.0-kali3-amd64 root=UUID=6bcef8e2-e5af-4f16-ab70-0f90d862949e ro quiet splash

[ 0.000000] x86/fpu: x87 FPU will use FXSAVE

[ 0.000000] BIOS-provided physical RAM map:

[ 0.000000] BIOS-e820: [mem 0x0000000000000000-0x000000000009fbff] usable

[ 0.000000] BIOS-e820: [mem 0x000000000009fc00-0x000000000009ffff] reserved

[ 0.000000] BIOS-e820: [mem 0x00000000000f0000-0x00000000000fffff] reserved

[ 0.000000] BIOS-e820: [mem 0x0000000000100000-0x00000000dffeffff] usable

[ 0.000000] BIOS-e820: [mem 0x00000000dfff0000-0x00000000dfffffff] ACPI data

[ 0.000000] BIOS-e820: [mem 0x00000000fec00000-0x00000000fec00fff] reserved

[ 0.000000] BIOS-e820: [mem 0x00000000fee00000-0x00000000fee00fff] reserved

[ 0.000000] BIOS-e820: [mem 0x00000000fffc0000-0x00000000ffffffff] reserved

[ 0.000000] BIOS-e820: [mem 0x0000000100000000-0x000000011fffffff] usable

* fsck

┌──(raptor㉿kali)-[~]

└─$ sudo fsck -l

fsck from util-linux 2.36.1

e2fsck 1.46.1 (9-Feb-2021)

/dev/sda1 is mounted.

Returned 0.

* dd

┌──(root💀kali)-[/home/raptor]

└─# dd if=/dev/sda1 of=~/hdd.img bs=5M

* crontab

┌──(root💀kali)-[/home/raptor]

└─# /home/raptor crontab -l 127 ⨯

zsh: permission denied: /home/raptor

* alias

┌──(root💀kali)-[/home/raptor/Desktop]

└─# alias Ls='ls -la' 1 ⨯

┌──(root💀kali)-[/home/raptor/Desktop]

└─# Ls

total 144

drwxr-xr-x 5 raptor raptor 4096 Feb 8 23:39 .

drwxr-xr-x 17 raptor raptor 4096 Feb 10 10:01 ..

-rw-r--r-- 1 raptor raptor 69 Feb 8 23:39 abc

-rw-r--r-- 1 raptor raptor 10240 Feb 6 23:59 archive.tar

-rw-r--r-- 1 raptor raptor 0 Feb 8 19:52 ghi.txt

-rw-r--r-- 1 raptor raptor 280 Feb 8 20:05 index.html

-rw-r--r-- 1 raptor raptor 5484 Feb 8 23:36 index.jpeg

-rw-r--r-- 1 root root 57658 Feb 8 23:37 index.png

-r-------- 1 raptor raptor 734 Feb 2 16:35 info.bz2

-rw-r--r-- 1 raptor raptor 0 Feb 5 19:03 mno.sh

-rw-r--r-- 1 raptor raptor 18736 Feb 8 19:55 one.txt

drwxr-xr-x 3 raptor raptor 4096 Feb 8 23:04 tanishq

drwxr-xr-x 2 raptor raptor 4096 Feb 6 22:54 tanishqrajput

-rw-r--r-- 1 raptor raptor 6044 Feb 8 19:55 two.txt.bz2

drwxr-xr-x 2 raptor raptor 4096 Jan 17 17:54 User

-rw-r--r-- 1 raptor raptor 58 Feb 6 23:35 xyz

* expr

┌──(root💀kali)-[/home/raptor/Desktop]

└─# expr 12 + 8

20

* sed

┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat xyz 1 ⨯

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┌──(root💀kali)-[/home/raptor/Desktop]

└─# sed 's/CURAJ/Centarl University Of Rajasthan/' xyz

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* awk

┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat xyz

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┌──(root💀kali)-[/home/raptor/Desktop]

└─# awk '{print $1}' xyz

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* ulimit

┌──(root💀kali)-[/home/raptor]

└─# ulimit -a 16 ⨯

-t: cpu time (seconds) unlimited

-f: file size (blocks) unlimited

-d: data seg size (kbytes) unlimited

-s: stack size (kbytes) 8192

-c: core file size (blocks) 0

-m: resident set size (kbytes) unlimited

-u: processes 15461

-n: file descriptors 1024

-l: locked-in-memory size (kbytes) 503474

-v: address space (kbytes) unlimited

-x: file locks unlimited

-i: pending signals 15461

-q: bytes in POSIX msg queues 819200

-e: max nice 0

-r: max rt priority 0

-N 15: unlimited

* uname

┌──(root💀kali)-[/home/raptor/Desktop]

└─# uname -a

Linux kali 5.10.0-kali3-amd64 #1 SMP Debian 5.10.13-1kali1 (2021-02-08) x86\_64 GNU/Linux

┌──(root💀kali)-[/home/raptor/Desktop]

└─# uname -v

#1 SMP Debian 5.10.13-1kali1 (2021-02-08)

* unlink

┌──(root💀kali)-[/home/raptor/Desktop]

└─# ls

abc ghi.txt index.jpeg info.bz2 one.txt tanishqrajput User

archive.tar index.html index.png mno.sh tanishq two.txt.bz2 xyz

┌──(root💀kali)-[/home/raptor/Desktop]

└─# unlink ghi.txt

┌──(root💀kali)-[/home/raptor/Desktop]

└─# ls

abc index.html index.png mno.sh tanishq two.txt.bz2 xyz

archive.tar index.jpeg info.bz2 one.txt tanishqrajput User

* sort

┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat xyz

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┌──(root💀kali)-[/home/raptor/Desktop]

└─# sort xyz

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* split

┌──(root💀kali)-[/home/raptor/Desktop]

└─# split -l 1 xyz splitted

┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat splittedaa

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┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat splittedab

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┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat splittedac

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┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat splittedad

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┌──(root💀kali)-[/home/raptor/Desktop]

└─# cat splittedae

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* sleep

┌──(root💀kali)-[/home/raptor/Desktop]

└─# sleep 2s

* sh

┌──(root💀kali)-[/home/raptor/Desktop]

└─# sh

# ls

abc index.jpeg mno.sh splittedab splittedae two.txt.bz2

archive.tar index.png one.txt splittedac tanishq User

index.html info.bz2 splittedaa splittedad tanishqrajput xyz

* read

┌──(root💀kali)-[/home/raptor/Desktop]

└─# read a

34

┌──(root💀kali)-[/home/raptor/Desktop]

└─# echo "Value entered is $a"

Value entered is 34

* more

┌──(root💀kali)-[/home/raptor/Desktop]

└─# more xyz

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* less

┌──(root💀kali)-[/home/raptor/Desktop]

└─# less xyz

zsh: suspended less xyz

* wc

┌──(raptor㉿kali)-[~/Desktop]

└─$ wc -l xyz

5 xyz

* lp

┌──(root💀kali)-[/home/raptor/Desktop]

└─# lp xyz

* fuser

──(root💀kali)-[/home/raptor/Desktop]

└─# fuser -l

HUP INT QUIT ILL TRAP ABRT BUS FPE KILL USR1 SEGV USR2 PIPE ALRM TERM STKFLT

CHLD CONT STOP TSTP TTIN TTOU URG XCPU XFSZ VTALRM PROF WINCH POLL PWR SYS

* comm

┌──(root💀kali)-[/home/raptor/Desktop]

└─# sort xyz abc

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hello

tanishq

Tanishq Rajput

Tanishq Rajput

┌──(root💀kali)-[/home/raptor/Desktop]

└─

# comm xyz abc

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hello

tanishq