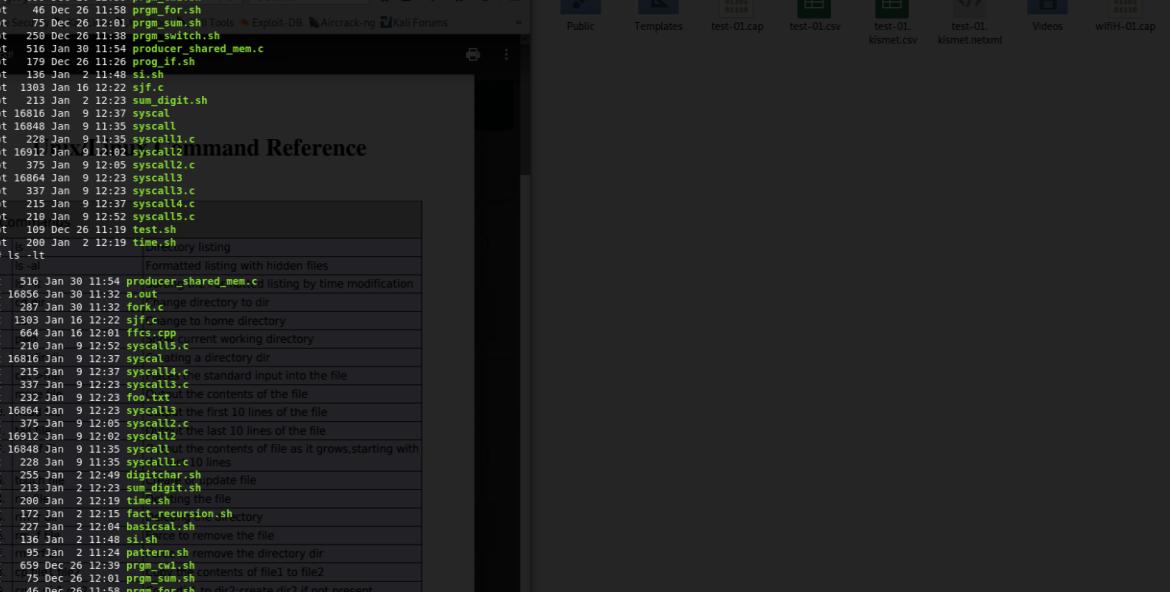


Linux-Commands  
Aditya Jain (17BCE7066)

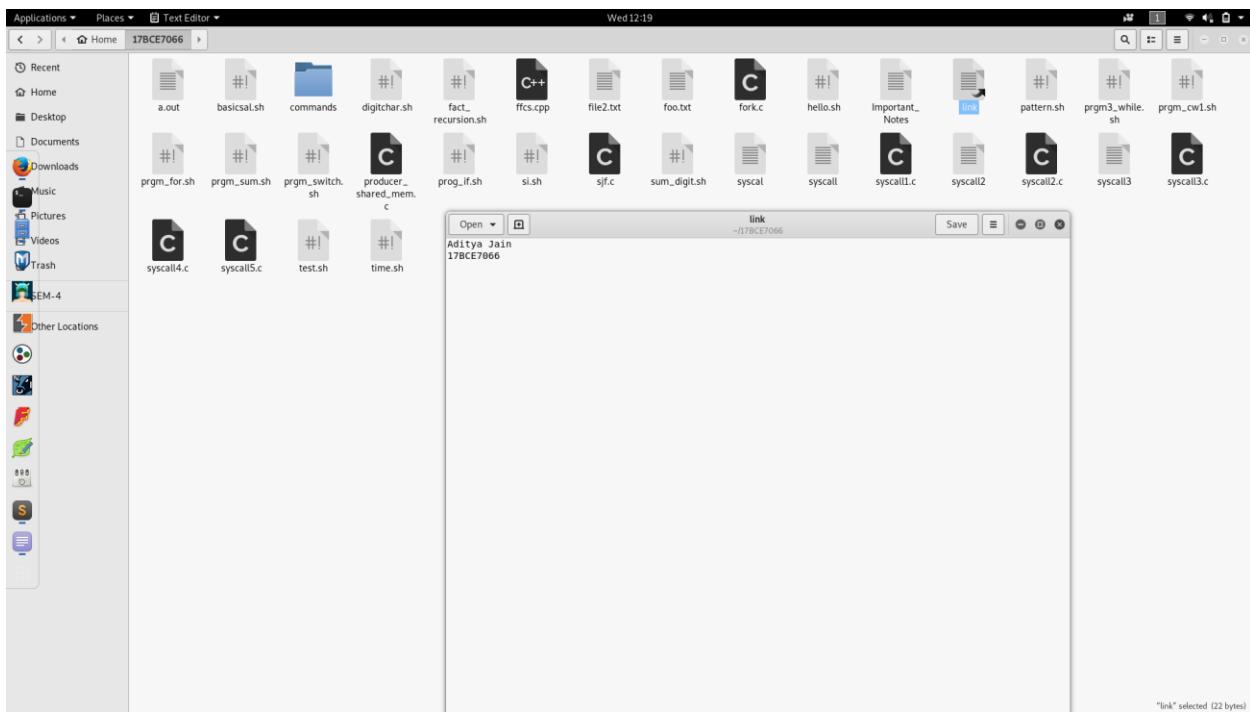
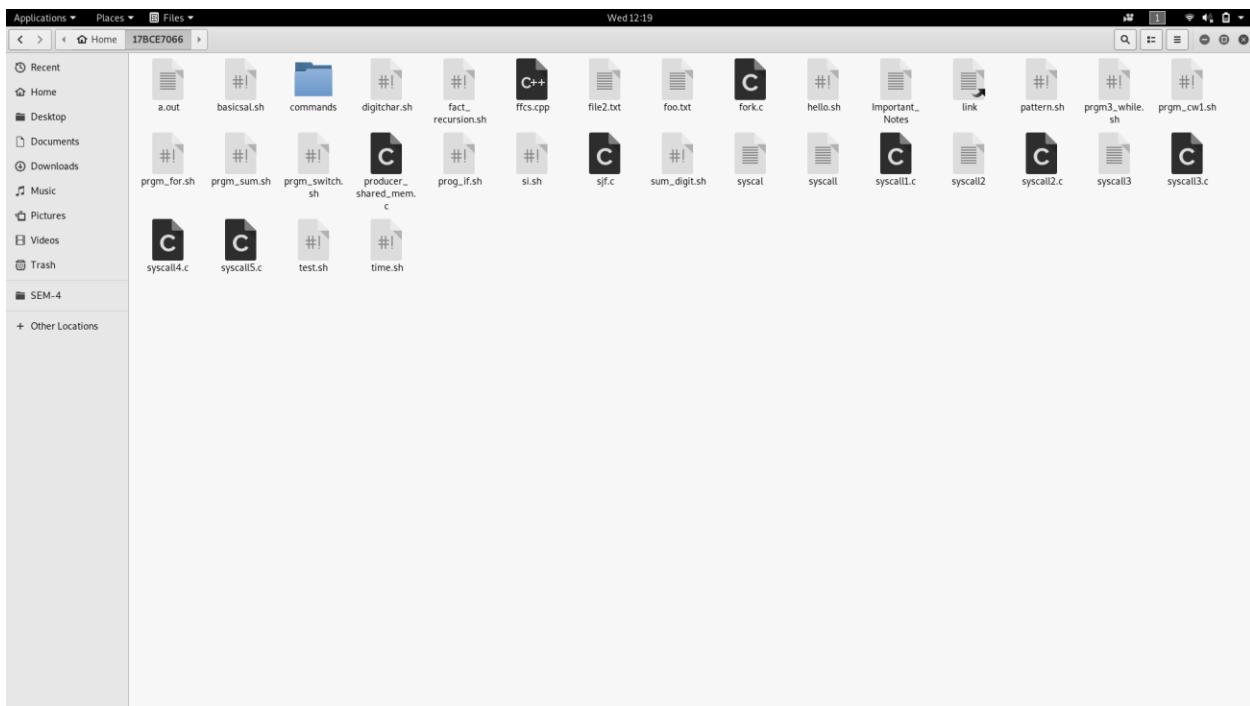


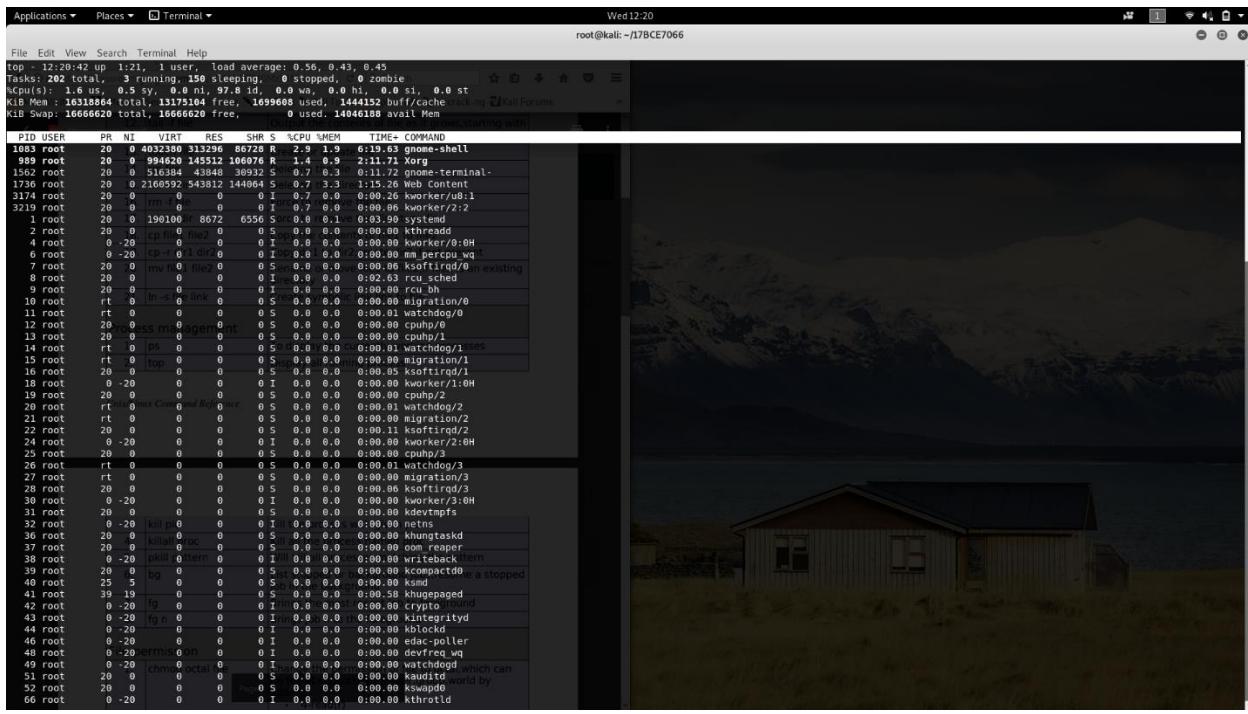
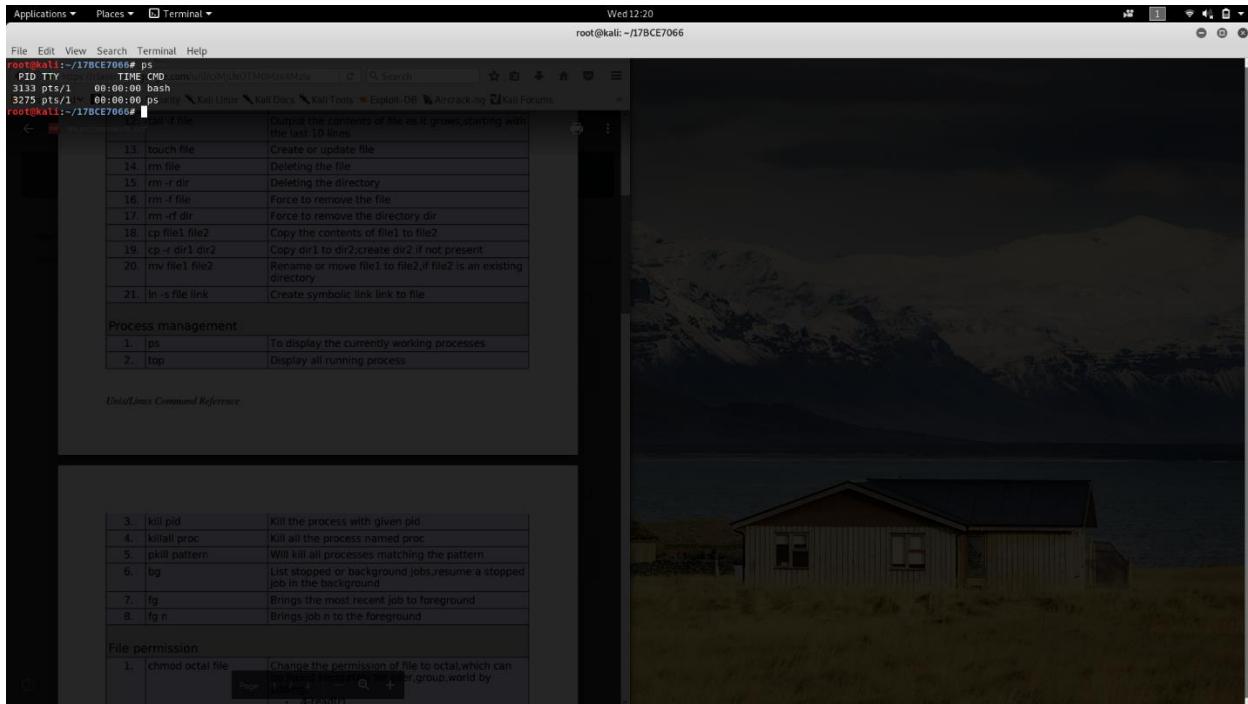
```
File Edit View Search Terminal Help
-rwxrwxrwx 1 root root 243 Dec 26 11:52 prgm5.white.sh
-rwxrwxrwx 1 root root 650 Dec 26 12:39 prgm_cw1.sh
-rwxrwxrwx 1 root root 46 Dec 26 11:50 prgm_for.sh
-rwxrwxrwx 1 root root 75 Dec 26 12:01 prgm_if.sh
-rwxrwxrwx 1 root root 258 Dec 26 11:38 prgm_switch.sh
-rwxrwxrwx 1 root root 516 Jan 30 11:54 producer_shared_mem.c
-rwxrwxrwx 1 root root 179 Dec 26 11:26 prog_if.sh
-rwxrwxrwx 1 root root 136 Jan 2 11:48 si.sh
-rwxrwxrwx 1 root root 1303 Jan 16 12:22 sjf.c
-rwxrwxrwx 1 root root 213 Jan 2 12:23 sum_digit.sh
-rwxrwxrwx 1 root root 16816 Jan 9 12:37 syscall
-rwxrwxrwx 1 root root 16848 Jan 9 11:35 syscall
-rwxrwxrwx 1 root root 228 Jan 9 11:35 syscall1.c
-rwxrwxrwx 1 root root 16912 Jan 9 12:02 syscall2.c
-rwxrwxrwx 1 root root 375 Jan 9 12:05 syscall3.c
-rwxrwxrwx 1 root root 16864 Jan 9 12:23 syscall4.c
-rwxrwxrwx 1 root root 210 Jan 9 12:37 syscall5.c
-rwxrwxrwx 1 root root 210 Jan 9 12:52 syscall6.c
-rwxrwxrwx 1 root root 109 Dec 26 11:19 test.sh
-rwxrwxrwx 1 root root 208 Jan 2 12:19 time.sh
root@kali:~/17BCE7066# ls -lt
total 204
drwxr-xr-x 2 1000 1000 4096 Jan 30 11:54 producer_shared_mem.c
-rwxrwxrwx 1 root root 516 Jan 30 11:54 producer_shared_mem.c
-rwxrwxrwx 1 root root 16856 Jan 30 11:32 a.out
-rwxrwxrwx 1 root root 287 Jan 30 11:32 fork.c
-rwxrwxrwx 1 root root 1303 Jan 16 12:22 sjf.c
-rwxrwxrwx 1 root root 664 Jan 16 12:01 ffcs.cpp
-rwxrwxrwx 1 root root 210 Jan 9 12:52 syscall1.c
-rwxrwxrwx 1 root root 16816 Jan 9 12:37 syscall2.c
-rwxrwxrwx 1 root root 215 Jan 9 12:37 syscall4.c
-rwxrwxrwx 1 root root 16864 Jan 9 12:23 syscall5.c
-rwxrwxrwx 1 root root 233 Jan 9 12:37 syscall6.c
-rwxrwxrwx 1 root root 16864 Jan 9 12:23 syscall13.c
-rwxrwxrwx 1 root root 375 Jan 9 12:05 syscall2.c
-rwxrwxrwx 1 root root 16912 Jan 9 12:02 syscall2.c
-rwxrwxrwx 1 root root 16848 Jan 9 11:35 syscall
-rwxrwxrwx 1 root root 228 Jan 9 11:35 syscall1.c
-rwxrwxrwx 1 root root 255 Jan 2 12:49 digitchar.sh
-rwxrwxrwx 1 root root 213 Jan 2 12:23 sum_digit.sh
-rwxrwxrwx 1 root root 200 Jan 2 12:19 time.sh
-rwxrwxrwx 1 root root 172 Jan 2 12:15 fact_recursion.sh
-rwxrwxrwx 1 root root 227 Jan 2 12:04 basicslsh
-rwxrwxrwx 1 root root 136 Jan 2 11:48 si.sh
-rwxrwxrwx 1 root root 95 Jan 2 11:24 pattern.sh
-rwxrwxrwx 1 root root 659 Dec 26 12:39 prgm_cw1.sh
-rwxrwxrwx 1 root root 287 Dec 26 12:29 prgm_if.sh
-rwxrwxrwx 1 root root 46 Dec 26 11:50 prgm_if.sh
-rwxrwxrwx 1 root root 243 Dec 26 11:52 prgm5.white.sh
-rwxrwxrwx 1 root root 250 Dec 26 11:38 prgm_switch.sh
-rwxrwxrwx 1 root root 179 Dec 26 11:26 prog_if.sh
-rwxrwxrwx 1 root root 109 Dec 26 11:19 test.sh
-rwxrwxrwx 1 root root 131 Dec 15 23:56 hello.sh
-rwxrwxrwx 1 root root 56 Dec 15 21:46 Important_Notes
root@kali:~/17BCE7066#
```

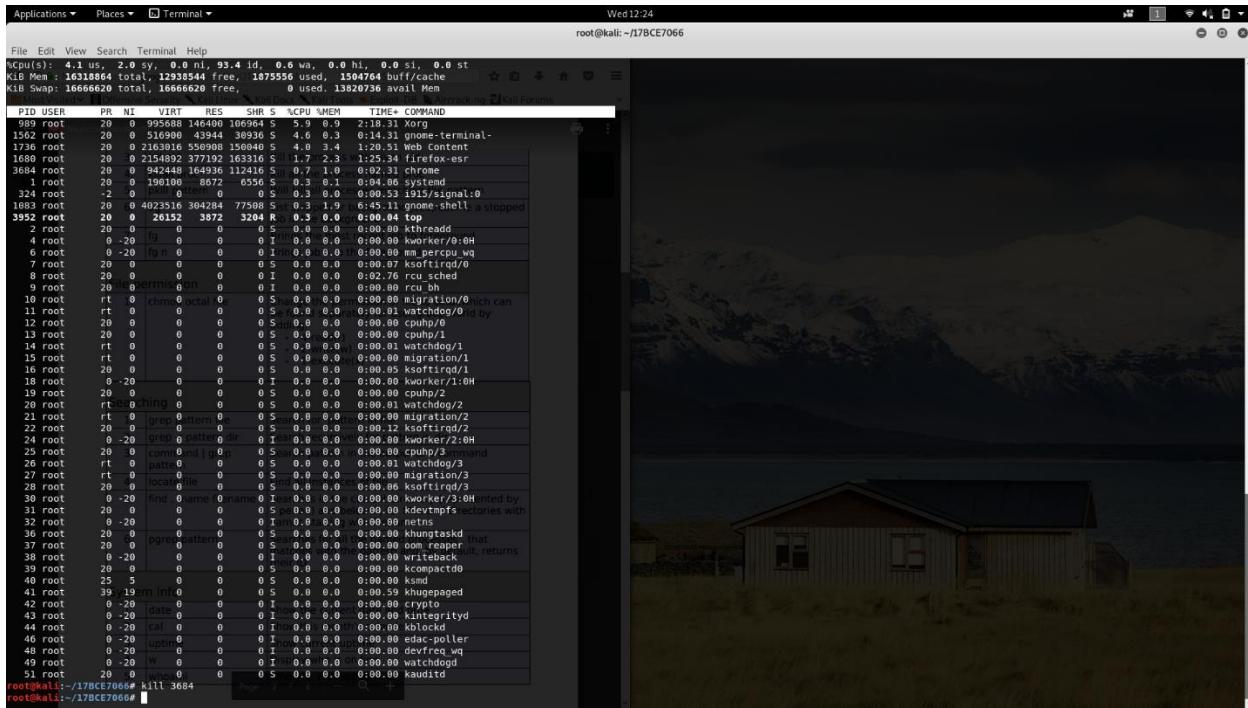
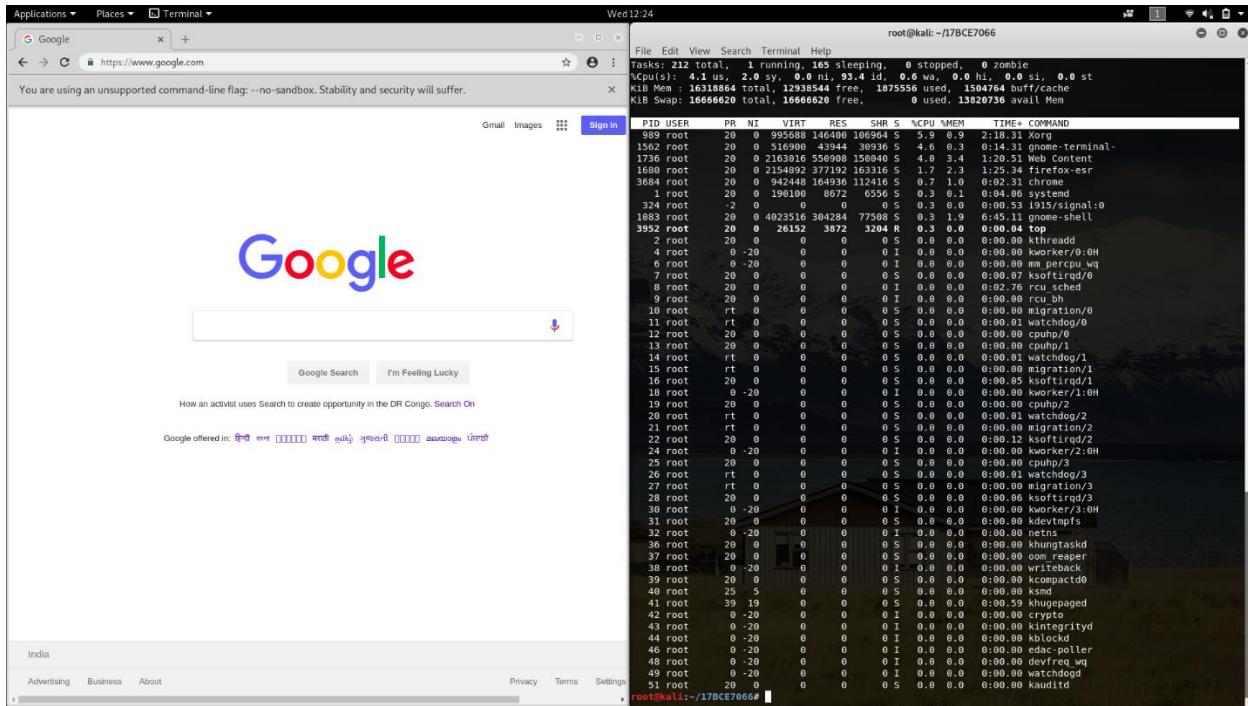
```
Applications ▾ Places ▾ Terminal ▾ Wed 12:19
root@kali: ~ /17BCE7066

File Edit View Search Terminal Help
root@kali: ~ # cp -r 17BCE7066_17BCE7066_2
root@kali: ~ # cd 17BCE7066_2
root@kali: ~/17BCE7066_2
ls
file1.txt pattern.sh producer_shared_mem.c syscall1.c syscall14.c
file2.txt prog3_while.sh prog_if.sh syscall1.c syscall15.c
commands foo.txt prog_cwl.sh si.sh syscall2.c test.sh
digitchar.sh fork.c prog_for.sh sjf.c syscall2.c time.sh
file_recursion.sh hello.sh prog_sum.sh sum_digit.sh syscall3
ffc.cpp important_Notes prgm_switch.sh syscall4.c syscall5.c
root@kali: ~/17BCE7066_2 cd ..
root@kali: ~ # cd 17BCE7066_2 & dir
Deleting the directory.
.
a.out
file1.txt file pattern.sh producer_shared_mem.c syscall1.c syscall14.c
file2.txt prog3_while.sh prog_if.sh syscall1.c syscall15.c
commands foo.txt prog_cwl.sh si.sh syscall2.c test.sh
digitchar.sh fork.c prog_for.sh sjf.c syscall2.c time.sh
file_recursion.sh hello.sh prog_sum.sh sum_digit.sh syscall3
ffc.cpp important_Notes prgm_switch.sh syscall4.c syscall5.c
root@kali: ~ # cd 17BCE7066 mv file1 file2
Create symbolic link to file
root@kali: ~ # mv: cannot stat 'file1': No such file or directory
root@kali: ~ # mv: failed to create symbolic link 'link': File exists
root@kali: ~ # ln -s file1 file2
root@kali: ~ # ln -s file1 link
root@kali: ~ # ln -s file2 link
To display the currently working processes
root@kali: ~ # ps aux
Aditya Jain 0:00 pts/0 0:00 ./17BCE7066_2
root@kali: ~ # ./17BCE7066_2
root@kali: ~ # ln -s file1.txt link
ln: failed to create symbolic link 'link': File exists
root@kali: ~ # ln -s file2.txt link
root@kali: ~ # ./17BCE7066_2

File permission
1. chmod octal file Change the permission of file to octal,which can
Page 1 of 14
```







```
Applications ▾ Places ▾ Terminal ▾ Wed 12:42
root@kali: ~ /17BCE7066

File Edit View Search Terminal Help

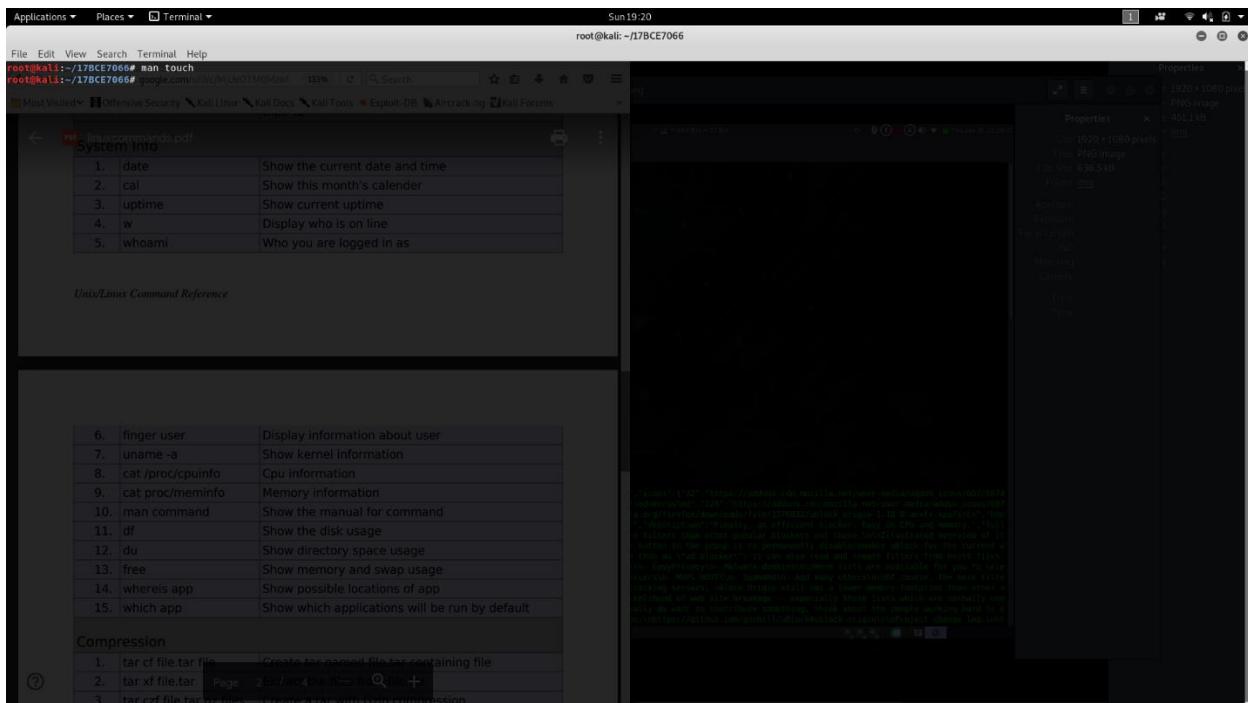
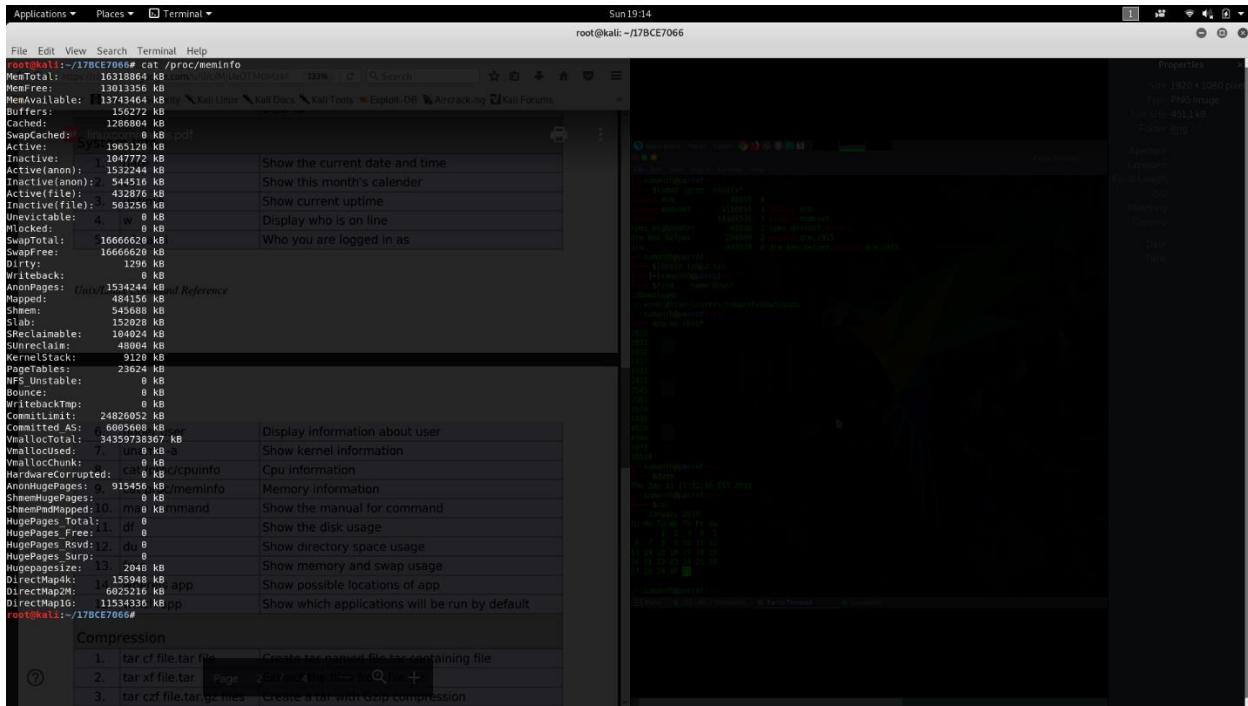
%Cpu(s): 0.3 us, 0.2 sy, 0.1 ni, 95.8 id, 0.7 wa, 0.0 hi, 0.0 si, 0.0 st
Kib Mem: 1631864 total, 1302902 free, 1816512 used, 1473332 buff/cache
Kib Swap: 16666620 total, 16666620 free, 0 used, 13933540 avail Mem

PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND
1688 root 20 0 2145976 78308 164964 S 0.7 2.3 1:35.52 firefoox esr
1736 root 20 0 2159944 546488 150040 S 0.7 3.3 1:34.55 Web Content
4835 root 20 0 898776 157824 112512 S 0.3 1.0 0:05.15 chrome
4459 root 20 0 26152 3988 3320 R 0.3 0.0 0:00.00 top
4459 root 20 0 1981000 86572 6572 R 0.3 0.0 0:00.00 top
2 root 0 0 0 0 0 S 0.0 0.0 0:00.00 kthreadd
4 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker:0:0H
6 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 mm_percpu_wq
7 root 20 0 0 0 0 S 0.0 0.0 0:00.08 ksftfirad/0
8 root 20 0 0 0 0 S 0.0 0.0 0:00.00 ksftfirad
9 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_bh
10 root rt 0 0 0 0 S 0.0 0.0 0:00.00 migration/0
11 root rt 0 0 0 0 S 0.0 0.0 0:00.02 watchdog/0
12 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/0
13 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/0
14 root rt 0 0 0 0 S 0.0 0.0 0:00.00 migration/1
15 root rt 0 0 0 0 S 0.0 0.0 0:00.00 migration/1
16 root 20 0 0 0 0 S 0.0 0.0 0:00.00 ksftfirad/1
18 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker:1:0H
19 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/2
20 root rt 0 0 0 0 S 0.0 0.0 0:00.01 watchdog/2
21 root rt 0 0 0 0 S 0.0 0.0 0:00.00 migration/2
22 root 20 0 0 0 0 S 0.0 0.0 0:00.14 ksftfirad/2
24 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker:2:0H
25 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/2
26 root rt 0 0 0 0 S 0.0 0.0 0:00.01 watchdog/3
27 root rt 0 0 0 0 S 0.0 0.0 0:00.00 migration/3
28 root 20 0 0 0 0 S 0.0 0.0 0:00.00 ksftfirad/3
30 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker:3:0H
31 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kdevtmpfs
32 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 netns
36 root 0 0 0 0 0 S 0.0 0.0 0:00.00 khungtaskd
37 root 20 0 0 0 0 S 0.0 0.0 0:00.00 com_reaper
38 root 0 -20 0 0 0 S 0.0 0.0 0:00.00 ksoftirqd/0
39 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kcomctd0
40 root 25 5 0 0 0 S 0.0 0.0 0:00.00 ksmd
41 root 39 19 0 0 0 S 0.0 0.0 0:00.65 khugepaged
42 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 crypto
43 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kmemleaktdy
44 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kbluetoothd
46 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 edac-polter
48 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 devfreq_wq
49 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 watchdogd
51 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kauidtd
52 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kswapd
56 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 ksoftirqd
66 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 ksm
68 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 ipv6 addrconf
106 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 acpi_thermal_pm

root@kali:~/17BCE7066$ killall chrome
root@kali:~/17BCE7066$
```

```
Applications ▾ Places ▾ Terminal ▾ Sun 19:13
root@kali:~/17BCE7066# fg
bash: fg: current: no such job
root@kali:~/17BCE7066# bg
bash: bg: current: no such job
root@kali:~/17BCE7066# grep -r Dow* /home/
/home/adtn9/.cshrc
root@kali:~/17BCE7066# grep -r Dow* /home/adtn9/
Binary file /home/adtn9/.local/share/tracker/data/tracker-store.ontology.journal matches
Binary file /home/adtn9/.cache/gstreamer-1.0/registry.x86_64.bin matches
Binary file /home/adtn9/.cache/tracker/meta-db-wm matches
Binary file /home/adtn9/.cache/tracker/trackers/00000000000000000000000000000000/calendar
Binary file /home/adtn9/.cache/tracker/ontologies.owlb matches
/home/adtn9/.config/user-dirs.dirs:XDG DOWNLOAD DIR="~HOME/Downloads"
/home/adtn9/.config/user-dirs.dirs:XDG DOCUMENTS DIR="~HOME/Documents"
root@kali:~/17BCE7066# locate test.txt
/root/.local/share/Terminal/test.txt
/usr/share/doc/screen/trash/info/test.txt.trashinfo
/usr/share/doc/screen/Terminal/test.txt.gz
/usr/share/doc/x11proto-xext-dev/xtest/test_xt.gz
/usr/share/sslseye/test/https.test.txt
/usr/share/sslseye/test/smtp.test.txt
/usr/share/sslseye/test/telnet.test.txt
/usr/share/sslseye/test/xmpp.test.txt
/usr/share/wuzz/wordlist/general/test.txt
root@kali:~/17BCE7066# pgrep chroot
root@kali:~/17BCE7066# pgrep term*
1616
1688
root@kali:~/17BCE7066# date
Sun Feb 3 19:12:59 IST 2019
root@kali:~/17BCE7066# cal
February 2019
Su Mo Tu We Th Fr Sa
          1  2  3  4  5  6  7  8  9
10 11 12 13 14 15 16
17 18 19 20 21 22 23 cat /proc/pninfo
24 25 26 27 28
          10 man command
Display information about user
Show kernel information
Cpu information
Memory information
Show the manual for command
root@kali:~/17BCE7066# uptime
19:13:05 up 44 min, 1 user, load average: 1.02, 0.78, 0.70
root@kali:~/17BCE7066# w
Show directory space usage
19:13:08 1 user, load average: 0.93, 0.77, 0.70
USER   TTY   FROM      LOGIN@  IDLE   CPU   PCPU WHAT  USR/S
root   :1    :1        18:39  1:59+  0.0%  /usr/lib/gdm3/gdm-x-session --run-script
root@kali:~/17BCE7066# whoami
root
root@kali:~/17BCE7066# finger adtn9
Login: adtn9          Name: Aditya Jain
Directory: /home/adtn9$on
Last logged in: 19:13:05
No mail.
No Plan.
root@kali:~/17BCE7066# tar Cf file.tar file1 file2 file3
Create a tar archive file containing file1, file2, file3
root@kali:~/17BCE7066# tar Czf file.tar.gz file1 file2 file3
Create a tar archive file with gzip compression
```

```
File Edit View Search Terminal Help
microcode : 0xc6
cpu MHz : 2600.000 .com/intel/microcode/137v / Search
cache size : 4096 KB
physical id : 0
processor : 0x0000 Security Kali Linux Kali Docs Kali Tools Export-DB Aircracking Kali Forums
core id : 0
cpu cores : 2 System
apicid : 1 INT0
initial apicid : 1
date : Show the current date and time
tpu : yes
cpu exception : yes
cpuid level : 22
wp : Show current uptime
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtsclm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc cpuid perfmperf tsc_known freq pni pclmulqdq dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtrp pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc deadline_timer aes xsave av x86_rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pt1 intel_pt tpr_shadow vmxi flexpriority ept vpid fsgsbase tsc_adjust bm1l avx2 smp bm1l erms invpcid mpx rdseed adx smap clflushopt xsave_av bugs : 5184.00
bogomips : 5184.00
clflush size : 64 Command Reference
cache alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management:
processor : 3
vendor_id : GenuineIntel
cpu family : 6
model : 78
stepping : 3
model name : Intel(R) Core(TM) i7-6500U CPU @ 2.50GHz
microcode : 0xc6
cpu MHz : 2600.000 User
cache size : 4096 KB
physical id : 0 uname -a
siblings : 1 Show kernel information
core id : 1 cat /proc/cpuinfo
cpu cores : 2 cat /proc/meminfo
apicid : 3
initial apicid : 3 man command
cpu : Show the disk usage
cpu exception : yes
cpuid level : 22
wp : Show directory space usage
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall nx pdpe1gb rdtsclm constant_tsc art arch_perfmon pebs bts rep_good nopl xtopology nonstop_tsc cpuid perfmperf tsc_known freq pni pclmulqdq dtes64 monitor ds_cpl vmx est tm2 ssse3 sdbg fma cx16 xtrp pdcm pcid sse4_1 sse4_2 x2apic movbe popcnt tsc deadline_timer aes xsave av x86_rdrand lahf_lm abm 3dnowprefetch cpuid_fault epb invpcid_single pt1 intel_pt tpr_shadow vmxi flexpriority ept vpid fsgsbase tsc_adjust bm1l avx2 smp bm1l erms invpcid mpx rdseed adx smap clflushopt xsave_av bugs : 5184.00
bogomips : 5184.00
clflush size : 64
cache alignment : 64
address sizes : 39 bits physical, 48 bits virtual
power management: tar xvf tar -f file.tar -C /tmp/ --extract-as-root
```



Sun 19:20

root@kali:~/17BCE7066

```
File Edit View Search Terminal Help
TOUCH(1) https://linuxcommand.org/LC_LinuxCommander_13376/ User Commands
NAME touch - change file timestamps
SYNOPSIS touch [OPTION]... FILE...
DESCRIPTION
  1. date      Show the current date and time.
  2. -c        Show this month's calendar.
  A FILE argument that does not exist is created empty unless -c or -h is supplied.
  A FILE argument string of - is handled specially and causes touch to change the times of the file associated with standard output.
  Mandatory arguments to long options are mandatory for short options too.
  -a        change only the access time
  -c, --no-create command Reference
  do not create any files
  -d, --date=STRING
  parse STRING and use it instead of current time
  -f (ignored)
  -h, --no-dereference
  affect each symbolic link instead of any referenced file (useful only on systems that can change the timestamps of a symlink)
  -m        change only the modification time
  -r, --reference=FILE
  use this file's times instead of current time
  -t STAMP
  use [[CC]YY][MM]hhmm[.ss] instead of current time
  --time=WORD
  man command
  change the specified time: WORD is access, atime, or use: equivalent to -a WORD is modify or mtime: equivalent to -m WORD is modification time
  --help display this help and exit
  Show directory space usage
  --version, -v
  Show memory and swap usage
  output version information and exit
  Note that the -d and -t options accept different time/date formats: run by default
DATE STRING
The --date=STRING option is a mostly free format human readable date string such as "Sun, 29 Feb 2004 16:21:42 -0800" or "2004-02-29 16:21:42" or even "next Thursday". A date string may contain items indicating calendar date, time of day, time zone, day of week, relative time, relative date, and numbers. An empty string indicates the beginning of the day. The date string format is more complex than is easily documented here but is fully described in the info documentation.
AUTHOR
  2. tar xf file.tar Page 2 / 4 + Search
Manual page touch(1) line 1 (press h for help or q to quit)
```

Properties  
Size: 1020 x 1080 pixels  
Type: PNG image  
File size: 411.xb  
Format:  
Aperture  
Exposure  
Flash Comp.  
ISO  
Meters  
Cameras  
Date  
Time

Sun 19:25

root@kali:~/17BCE7066

```
File Edit View Search Terminal Help
root@kali:~/17BCE7066# man touch
root@kali:~/17BCE7066# df
Filesystem      1K-blocks    Used Available Use% Mounted on
udev            804960       0   804960   0% /dev
tmpfs           1631884  18800   1613088   1% /run
/dev/sda9        8628352 12491852  69365516 16% / - touch applications will be run by default
tmpfs           1631884  72564   8086888   1% /dev/shm
tmpfs           1631884  5120     5120   0% /run/lock
tmpfs           1631884  20      1631884   1% /sys/fs/cgroup
/dev/sda1        1631884 343568   1631884   1% /boot/efi
tmpfs           1631884  16     1631884   1% /boot/efi/128
tmpfs           1631884  52     1631884   1% /run/user/0/com.apple.backupd-tmp
tmpfs           1631884  93060476 472663472 17% /media/root/Local Disk
root@kali:~/17BCE7066# duf file.tar.gz files
Create a tar with GZip compression
4  ./commands tar xf file.tar.gz Extract a tar using GZip
228
root@kali:~/17BCE7066# freetar bz2
Create tar with Bzip2 compression
total 1654736
  1631884  1654736  1305596  544608  1558532  13935400
Mem: 1631884 1654736  1305596  544608  1558532  13935400
Swap: 1666620  1666620  1666620 Compresses file and renames it to file.gz
root@kali:~/17BCE7066# whence wine
wine: /usr/bin/wine /usr/lib/x86_64-linux-gnu/wine /usr/share/wine /usr/share/man/man1/wine.1.gz
root@kali:~/17BCE7066# which wine
/usr/bin/wine
root@kali:~/17BCE7066# ls
a.out      Netw_file2.txt  pattern.sh  producer_shared_mem.c  syscall  syscall4.c
basical.sh  foo.txt      prgm3_while.sh  prog_if.sh    syscall1.c  syscalls.c
commands   fork.c       prgm_cwls.sh  prgm_if.sh    syscall2.c  test.sh
digitchar.sh hello.sh    prgm_for.sh  sif.c       syscall3.c  test.txt
fact_recursion.sh Important_Notes  prgm_sum.sh  sum_digit.sh syscall4.c  time.sh
ffcs.cpp   link         prgm_switch.sh  syscal    syscall5.c
root@kali:~/17BCE7066# tar cf temp.tar test
tar: temp: Cannot stat: No such file or directory
tar: Error exit delayed from previous errors
root@kali:~/17BCE7066# tar cf temp.tar test.txt
tar: Temp.txt: Cannot stat: No such file or directory
tar: Stopped: download
tar: Exiting with failure status due to previous errors
root@kali:~/17BCE7066# tar cf temp.tar test.txt
root@kali:~/17BCE7066# ls
a.out      file2.txt  pattern.sh  producer_shared_mem.c  syscall  syscall4.c
basical.sh  foo.txt    prgm3_while.sh  prog_if.sh    syscall1.c  syscalls.c
commands   fork.c     prgm_cwls.sh  prgm_if.sh    syscall2.c  temp.tar
digitchar.sh hello.sh   prgm_for.sh  sif.c       syscall3.c  test.sh
fact_recursion.sh Important_Notes  prgm_sum.sh  sum_digit.sh syscall4.c  time.sh
ffcs.cpp   link        prgm_switch.sh  syscal    syscall5.c
root@kali:~/17BCE7066# tar xf temp.tar
root@kali:~/17BCE7066# tar xfj temp.tar.gz test.txt
root@kali:~/17BCE7066# tar czf temp.tar.gz test.txt
root@kali:~/17BCE7066#
```

Properties  
Size: 1020 x 1080 pixels  
Type: PNG image  
File size: 411.xb  
Format:  
Aperture  
Exposure  
Flash Comp.  
ISO  
Meters  
Cameras  
Date  
Time

```

Applications Places Terminal Sun 19:30
root@kali:~/17BCE7066#
ping localhost
PING localhost( ::1) 56 data bytes
64 bytes from localhost( ::1): icmp seq=1 ttl=64 time=0.018 ms
64 bytes from localhost( ::1): icmp seq=2 ttl=64 time=0.079 ms
64 bytes from localhost( ::1): icmp seq=3 ttl=64 time=0.078 ms
64 bytes from localhost( ::1): icmp seq=4 ttl=64 time=0.078 ms
64 bytes from localhost( ::1): icmp seq=5 ttl=64 time=0.078 ms
64 bytes from localhost( ::1): icmp seq=6 ttl=64 time=0.074 ms
``C
-- localhost ping statistics --
6 packets transmitted, 6 received, 0% packet loss, time 130ms
rtt min/avg/max/mdev = 0.018/0.067/0.079/0.024 ms
root@kali:~/17BCE7066# dig google.com
; <>> DIG 9.11.2-5-Debian <>> google.com
;; global options: +cmd
;; Got answer:
;+>>>HEADER<> opcode: QUERY, status: NOERROR, id: 65132
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 0
;; QUESTION SECTION:
;google.com. IN A
;; ANSWER SECTION:
google.com. 10 IN A 172.217.163.78
;; Query time: 1 msec
;; SERVER: 172.18.10.10#53(172.18.10.10)
;; WHEN: Sun Feb 03 19:29:04 IST 2019
;; MSG SIZE rcvd: 44
root@kali:~/17BCE7066# !!
dig google.com
; <>>> DIG 9.11.2-5-Debian <>> google.com
;; global options: +cmd
;; Got answer:
;+>>>HEADER<> opcode: QUERY, status: NOERROR, id: 63766
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 0
;; QUESTION SECTION:
;google.com. IN A
;; ANSWER SECTION:
google.com. 245 IN A 172.217.26.238
;; Query time: 1 msec
;; SERVER: 172.18.10.10#53(172.18.10.10)
;; WHEN: Sun Feb 03 19:30:13 IST 2019
;; MSG SIZE rcvd: 44
root@kali:~/17BCE7066# env
LS_COLORS='rs=0:di=01;34:ln=01;36:mi=08;pi=40;33:so=01;35:do=01;35:bd=40;33:ol=01;cd=40;33:or=40;33:ol=01;mi=00;su=37;41:sp=30;43:co=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:tar=01;31:tgz=01;31:ar=01;31:txz=01;31:tar=01;31:lxz=01;31:txz=01;31:tz=01;31:zip=01;31:gz=01;31:rz=01;31:lx=01;31:dx=01;31:qx=01;31:lrz=01;31:lx=01;31:zx=01;31:zs=01;31:tzt=01;31:bz=01;31:txbz=01;31:deb=01;31:rpm=01;31:jar=01;31:war=01;31:ear=01;31:sar=01;31:arz=01;31:alz=01;31:ace=01;31:zoo=01;31:cpio=01;31:7z=01;31:r2z=01;31:cab=01;31:wim=01;31:swm=01;31:dmw=01;31:esd=01;31:jpg=01;35:mjpeg=01;35:jpeg=01;35:mjpg=01;35:jpeg=01;35:gif=01;35:mpg=01;35:mpm=01;35:pgm=01;35:ppm=01;35:tga=01;35:xpm=01;35:xpm=01;35:tif=01;35:png=01;35:svg=01;35:svz=01;35:mpn=01;35:pcx=01;35:nov=01;35:mpa=01;35:mpg=01;35:m2v=01;35:mkv=01;35:webm=01;35:ogm=01;35:mp4=01;35:m4v=01;35:mpv=01;35:rmf=01;35:rmv=01;35:wmv=01;35:fl=01;35:avi=01;35:fl=01;35:gl=01;35:dl=01;35:xc=01;35:yu=01;35:cgm=01;35:xf=01;35:opgv=01;35:opgx=01;35:asc=00;36:au=00;36:flac=00;36:m4a=00;36:midi=00;36:mp3=00;36:ogg=00;36:wav=00;36:opus=00;16:spx=00;36:xxp=00;36:
XDG MENU PREFIX=@none
LANG=US.UTF-8
GDM_LANG=en_US.UTF-8
DISPLAY=:1
COLOR_DEPTH=truecolor
USER_NAME=root
XDG_VTNR=2
SSH_AUTH_SOCK=/run/user/0/keyring/ssh
XDG_SESSION_ID=5
USER=root
DESKTOP_SESSION=gnome
PWD=/root/17BCE7066
HOME=/root
JOURNAL_STREAM=9:25764
SSH_AGENT_PID=3380
UTS_HOSTNAME=kali
XDG_SESSION_TYPE=x11
XDG_DATA_DIRS=/usr/share/gnome:/usr/local/share/:/usr/share/
XDG_SESSION_DESKTOP=gnome
GJS_DEBUG_OUTPUT=tdderr
GTK_MODULES=gail:atk-bridge
WINDOWMANAGER=gnome
TERMINAL=x-256color
SHELL=/bin/bash
VTE_VERSION=5402
XDG_CURRENT_DESKTOP=GNOME
GPG_AGENT_INFO=/run/user/0/gnupg/S.gpg-agent:0:1
SHELL=/bin/bash
XDG_SEAT=sess0
WINDOWID=33554721
GDMSESSION=gnome
GNOME DESKTOP SESSION ID=this-is-deprecated
LOGNAME=root
DISPLAY=:0.0
BUS_ADDRESS=/org/freedesktop/DBus
BUS_PATH=/org/freedesktop/DBus
BUS_NAME=org.freedesktop.DBus
RUNTIME_DIR=/run/user/0
XAUTHORITY=/run/user/0/gdm/Xauthority
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin
GJS_DEBUG_TOPICS=55 ERROR:JS LOG
SESSION_MANAGER=local/kali:@tmp/.ICE-unix/1327,unix/kali:/tmp/.ICE-unix/1327
DISPLAY=:0
/usr/bin/X
root@kali:~/17BCE7066# 

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Applications Places Terminal Sun 19:30
root@kali:~/17BCE7066#
File Edit View Search Terminal Help
root@kali:~/17BCE7066# env
;; SERVER: 172.18.10.10#53(172.18.10.10)
;; WHEN: Sun Feb 03 19:30:13 IST 2019
;; MSG SIZE rcvd: 44
root@kali:~/17BCE7066# !!
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XDG MENU PREFIX=@none
LANG=US.UTF-8
GDM_LANG=en_US.UTF-8
DISPLAY=:1
COLOR_DEPTH=truecolor
USER_NAME=root
XDG_VTNR=2
SSH_AUTH_SOCK=/run/user/0/keyring/ssh
XDG_SESSION_ID=5
USER=root
DESKTOP_SESSION=gnome
PWD=/root/17BCE7066
HOME=/root
JOURNAL_STREAM=9:25764
SSH_AGENT_PID=3380
UTS_HOSTNAME=kali
XDG_SESSION_TYPE=x11
XDG_DATA_DIRS=/usr/share/gnome:/usr/local/share/:/usr/share/
XDG_SESSION_DESKTOP=gnome
GJS_DEBUG_OUTPUT=tdderr
GTK_MODULES=gail:atk-bridge
WINDOWMANAGER=gnome
TERMINAL=x-256color
SHELL=/bin/bash
VTE_VERSION=5402
XDG_CURRENT_DESKTOP=GNOME
GPG_AGENT_INFO=/run/user/0/gnupg/S.gpg-agent:0:1
SHELL=/bin/bash
XDG_SEAT=sess0
WINDOWID=33554721
GDMSESSION=gnome
GNOME DESKTOP SESSION ID=this-is-deprecated
LOGNAME=root
DISPLAY=:0.0
BUS_ADDRESS=/org/freedesktop/DBus
BUS_PATH=/org/freedesktop/DBus
BUS_NAME=org.freedesktop.DBus
RUNTIME_DIR=/run/user/0
XAUTHORITY=/run/user/0/gdm/Xauthority
PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin
GJS_DEBUG_TOPICS=55 ERROR:JS LOG
SESSION_MANAGER=local/kali:@tmp/.ICE-unix/1327,unix/kali:/tmp/.ICE-unix/1327
DISPLAY=:0
/usr/bin/X
root@kali:~/17BCE7066# 

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